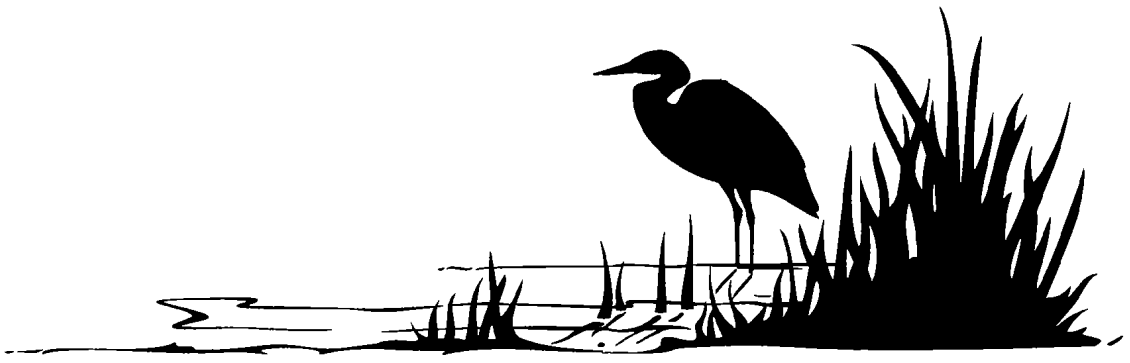
Southwest Florida
Water Management
District

Charlotte Harbor
Surface Water Improvement
and Management (SWIM) Plan
November 2000



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CHARLOTTE HARBOR

Surface Water Improvement and Management (SWIM) Plan Update

November 22, 2000

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EXECUTIVE SUMMARY

Background

Charlotte Harbor, Florida's second largest open water estuary, is generally viewed as one of the most productive estuarine systems in Southwest Florida. The basis for this assessment is partly due to the reputation that Charlotte Harbor has as a world-class destination for recreational fishing. The state's largest snook (*Centropomis undecimalis*) was caught in the far southern reaches of Charlotte Harbor, and hundreds of tarpon (*Megalops atlanticus*) are caught each year during the annual gathering of these giant fish in Boca Grande Pass. Past participants in the Boca Grande tarpon fishing season include former U.S. Presidents Theodore Roosevelt and George Bush. The extensive seagrass flats that fringe the Harbor are home to schools of redfish (*Sciaenops ocellatus*) and spotted seatrout (*Cynoscion nebulosus*) which are popular gamefish for the estimated twenty-one percent of Floridians and thirty-three percent of out-of-state tourists who enjoy recreational fishing in the State of Florida. In all, the economic impact of recreational and commercial fishing in the Charlotte Harbor area was estimated by the Southwest Florida Regional Planning Council to be in excess of one billion dollars annually, including a growing shellfish aquaculture industry. In addition, Charlotte Harbor and its watershed are home to more than forty species of animals listed by the State of Florida as endangered, threatened or of special concern.

Water quality in Charlotte Harbor is mostly considered "good" (based on the State of Florida's Trophic State Index). However, portions of the Peace and Myakka Rivers are characterized as having only "fair" or even "poor" water quality. Various sub-basins within the upper reaches of the Peace River are notable for their elevated concentrations of nutrients and total suspended solids. Analyses of data collected over the past twenty years suggest that, for the most part, Charlotte Harbor's water quality is highly variable but non-trending. The basis for the high variability of water quality in Charlotte Harbor is thought to be seasonal variation in freshwater inflows from the Peace and Myakka Rivers.

Although Charlotte Harbor is appropriately considered a healthy and productive estuarine system, problems exist in the areas of hydrologic alterations, water quality degradation and habitat loss.

Hydrologic alterations have been the focus of much of the research conducted on Charlotte Harbor, with particular attention paid to the Peace River. Numerous studies have documented a long-term reduction of streamflow in the Peace River, particularly in the upper reaches. Although reduced wet season (June to September) rainfall appears to explain the majority of flow reductions that have occurred in the middle and lower reaches of the Peace River, human activities have had a substantial effect on streamflow in the upper reaches. Also, the upper reaches of the Myakka River are experiencing a significant increase in dry season (October to May) flows, which is associated with environmental degradation of the forested systems that once dominated the Flatford Swamp, in the headwaters of the Myakka River.

Water quality degradation is an issue that appears to vary both spatially and temporally. A consistent finding from numerous studies is that phosphorus levels in the Peace River and Charlotte Harbor have shown significant declines in recent years, although they remain substantially higher than the median value for Florida rivers and estuaries. Ammonia levels appear to be increasing in the lower reaches of the Peace and Myakka Rivers, but no trend is apparent in the Harbor itself. For chlorophyll a, an indicator of phytoplankton biomass, no trend is apparent in the Harbor itself, although there appears to be a declining trend in portions of the lower Peace River. For salinity, the trend over the past twenty years is that of decreasing values, which is consistent with a trend of increasing freshwater inflows during that same period.

Habitat loss in Charlotte Harbor and its watershed is due to a variety of activities. In the headwaters of the Peace and Myakka Rivers, large tracts of pine forests and other natural landscapes have been converted to various agricultural land uses. For the Peace River, much of the upper reaches of the watershed have been altered by activities associated with the phosphate mining industry. In the lower reaches of both rivers, large expanses of marshland have been converted into open water canals and filled uplands through the construction of residential housing in finger-fill canal communities.

Charlotte Harbor SWIM Process

Concern for the overall health of Charlotte Harbor and its watershed resulted in the Southwest Florida Water Management District (District) ranking Charlotte Harbor sixth on the District's Surface Water Improvement and Management (SWIM) priority list. The District's Charlotte Harbor SWIM Plan, adopted by the Governing Board in 1993, has resulted in a variety of research, monitoring and restoration activities. These efforts have resulted in a better understanding of the extent and underlying basis for concerns associated with the problems of hydrologic alterations, water quality degradation and habitat loss.

In addition, Charlotte Harbor was formally accepted into the National Estuary Program in 1995 when the U.S. Environmental Protection Agency named the Greater Charlotte Harbor Watershed an "estuary of national significance." The Charlotte Harbor National Estuary Program (Charlotte Harbor NEP) played a critical role in developing management strategies for Charlotte Harbor's preservation and restoration, outlined in their Draft Comprehensive Conservation and Management Plan (CCMP) and adopted for use in this SWIM Plan Update.

Charlotte Harbor Management Issues

Both the 1993 Charlotte Harbor SWIM Plan and the Charlotte Harbor NEP's Draft CCMP identified the following management issues:

- Hydrologic alterations;
- Water quality degradation; and

- Fish and wildlife habitat loss

Also, and pursuant to Florida Department of Environmental Protection (FDEP) requirements, the SWIM Program has worked to develop a potential resource-based Pollutant Load Reduction Goal (PLRG) for Charlotte Harbor.

Charlotte Harbor SWIM Plan Goals

The goals of the Charlotte Harbor SWIM Plan are consistent with the goals identified by the Charlotte Harbor NEP. In September 1999, the Charlotte Harbor NEP completed its Draft CCMP, entitled "Committing to Our Future." The CCMP contains six major goals for preserving and restoring Charlotte Harbor. These goals are:

- Improve the environmental integrity of the Charlotte Harbor study area
- Preserve, restore and enhance seagrass beds, coastal wetlands, barrier beaches, and functionally related uplands
- Reduce point and non-point sources of pollution to attain desired used of the estuary
- Provide the proper fresh water inflow to the estuary to ensure a balanced and productive ecosystem
- Develop and implement a strategy for public participation and education
- Develop and implement a formal Charlotte Harbor management plan with a specified structure and process for achieving goals for the estuary

Charlotte Harbor Management Strategies

The management strategies for protecting and restoring Charlotte Harbor are based on the Charlotte Harbor NEP's Draft CCMP. Within this document, there are numerous activities listed which require coordination between local governments and the District, or direct action by the District. These activities are intended to protect and restore Charlotte Harbor, by devising a plan of action to achieve each of the above-mentioned goals. More specifically, each "Action Plan" in the Draft CCMP lists those cooperating organizations whose efforts are needed to carry out the identified activities.

This SWIM Plan Update was designed to review the research and management plans contained within the Charlotte Harbor NEP's Draft CCMP, and to identify those actions requiring support and action by SWIM. These projects, and their associated budgets are summarized in Table ES-1.

Additionally, this update aims to establish the basis for expanding the boundaries of the Charlotte Harbor SWIM Plan to include Lemon Bay and Dona and Roberts Bays, so that the District's geographic boundaries match those used by the Charlotte Harbor NEP. In

partnership with the Charlotte Harbor NEP, the Charlotte Harbor SWIM Plan will be one of the vehicles through which the State of Florida contributes to ongoing efforts to protect and restore Charlotte Harbor.

Table ES-1. Estimated Budget for Priority Projects for Implementation of the Charlotte Harbor SWIM Plan ("page" refers to location in text where further explanation of the project is contained).

Project	FY 2000	FY 2001	FY 2002	Page
Establish MFL's	OFS*	OFS*	OFS*	10
Flatford Swamp	TBD**	TBD**	TBD**	10
Cow Pen Slough	$ 0	$ 105,000	$ 5,000	11
Lake Hancock	$ 370,000	$ 320,000	$ 20,000	12
Lemon Bay	$ 0	$ 110,000	$ 5,000	12
PLRG Potential Development	$7,000	$ 7,000	$ 0	13
Short-term Water Quality Monitoring	$ 35,000	$ 35,000	$ 0	14
Long-term Water Quality Monitoring	$ 0	$ 82,000	$ 82,000	14
Canal Water Enhancement	$ 34,000	$ 1,500	$ 0	15
Seagrass Maps	$ 5,000	$ 31,000	$ 5,000	15
CHNEP Tasks	$ 110,000	$ 110,000	$ 110,000	16
Alligator Creek	$ 30,000	$ 260,000	$ 260,000	16
Other Restoration	$ 165,000	$ 165,000	$ 165,000	17
Land Acquisition	OFS*	OFS*	OFS*	18
Education	$ 26,000	$26,000	$26,000	19
Total Budget	**$ 782,000**	**$ 1,252,500**	**$ 678,000**	

OFS* - "Other Funding Sources" - Project will be completed through funding sources other than SWIM.
TBD** - "To Be Determined" - Budget to be refined based on ongoing efforts

INTRODUCTION

The SWIM Act

In recognition of the need to place additional emphasis on the restoration, protection and management of the surface water resources of the State, the Florida Legislature, through the Surface Water Improvement and Management (SWIM) Act of 1987, directed the State's water management districts to "design and implement plans and programs for the improvement and management of surface water" (Section 373.451, Florida Statutes). The SWIM legislation requires the water management districts to protect the ecological, aesthetic, recreational, and economic value of the State's surface water bodies, keeping in mind that water quality degradation is frequently caused by point and non-point source pollution, and that degraded water quality can cause both direct and indirect losses of habitats.

Under the SWIM Act, water management districts prioritize water bodies based on their need for protection and/or restoration. This prioritization process is carried out in cooperation with the Florida Department of Environmental Protection (FDEP), the Fish and Wildlife Conservation Commission (FWCC, formerly known as the Florida Game and Freshwater Fish Commission), the Department of Agriculture and Consumer Services (DACS), the Department of Community Affairs (DCA) and local governments. Charlotte Harbor was ranked as the sixth priority water body for the Southwest Florida Water Management District (District).

Following the selection of the priority water bodies and in accordance with the SWIM Act, a SWIM Plan must be drafted, reviewed and approved before State SWIM funds can be spent on restoration, protection or management activities. The purpose of the Charlotte Harbor SWIM Plan is to set forth a realistic course of action, identifying the projects and the effort needed to accomplish them, consistent with the levels and trends of SWIM funding. The law also requires that the plans must be updated at a minimum of once every three years. The evolution of the SWIM Plan for Charlotte Harbor is discussed in the following section.

Charlotte Harbor Swim Plan Evolution

The original Charlotte Harbor SWIM Plan, approved in 1993, was based mainly on preservation strategies, and focused on diagnostic studies regarding hydrologic alterations, water quality, habitat loss and public education. The projects outlined within the 1993 SWIM Plan have either been completed or they are ongoing, as shown in Appendix A, "Status of the 1993 Charlotte Harbor SWIM Plan." Based on these and other studies, a much more thorough understanding of the issues of hydrologic alterations, water quality degradation, and habitat loss has evolved. A detailed examination of the status and trends in hydrologic alterations, water quality and fish and wildlife habitat, as well as a review of various pollutant loading models, and the development of a pollutant load reduction goal for the Harbor is included in Appendix B, "Status and Trends of Charlotte Harbor." Additionally, this SWIM Plan update aims to establish the basis for expanding the boundaries of the Charlotte Harbor SWIM Plan to include Lemon Bay and Dona and

Roberts Bays (Coastal Venice Basin), so that the SWIM Plan's geographic boundaries match those used by the Charlotte Harbor NEP (Figure 1, and see Appendix C).

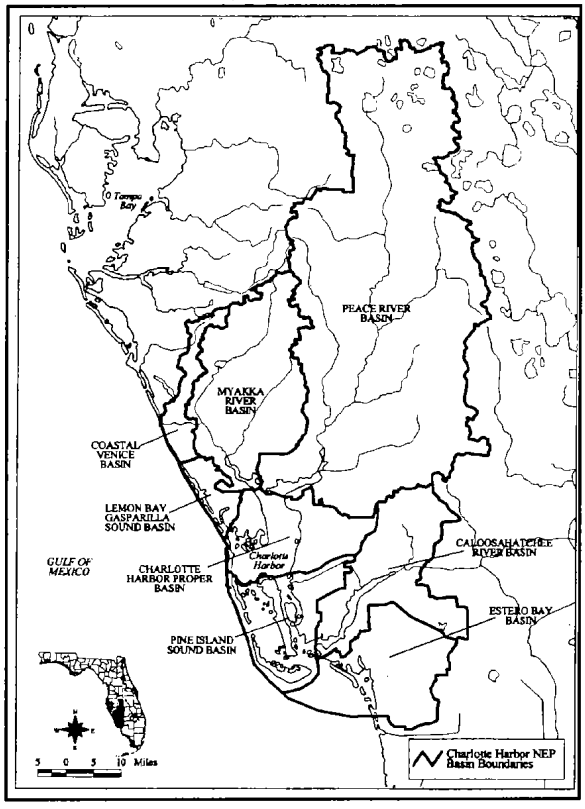

Figure 1 - Charlotte Harbor Basin Boundaries (from CHNEP)

Since the acceptance of the Charlotte Harbor SWIM Plan in 1993, numerous diagnostic studies, public outreach activities and habitat restoration projects have been undertaken and completed. In addition, the Charlotte Harbor NEP completed its Draft CCMP in fall 1999. The Charlotte Harbor NEP used the results of analysis and reports completed through the Charlotte Harbor SWIM Program, as well as other sources, to develop management strategies for Charlotte Harbor's preservation and restoration, outlined in the Draft CCMP.

Charlotte Harbor Management Issues

In preparing the Charlotte Harbor SWIM Plan Update, staff reviewed the Charlotte Harbor NEP's Draft CCMP (Fall 1999), as well as the diagnostic studies completed since the original (1993) Charlotte Harbor SWIM Plan. Based on these reviews, the following management issues were selected as priorities of the Charlotte Harbor SWIM Plan Update.

Hydrologic Alterations: In both the Peace and Myakka River watesheds, numerous studies have examined the issue of hydrologic alterations. Peek (1951) examined the basis for the cessation of flow in Kissengen Springs, in the upper Peace River, and concluded that excessive groundwater withdrawals were responsible for this event. Although reported water use for mining/dewatering and industrial/commercial entities had declined by more than 60 percent between 1982 and 1996 (SWFWMD 1997), streamflow reductions associated with the phosphate mining industry will continue to exist, as internally drained (i.e., hydraulically non contributing) areas in the phosphate mining regions of the Peace River comprised approximately six percent of the entire watershed. Declines in the potentiometric surface of the Upper Floridan Aquifer in the Upper Peace River watershed are thought to be mostly responsible for the significant decline in streamflow in the Upper Peace River (Hammett 1990). However, other studies have also examined the important role played by a long-term reduction in wet season rainfall in the Upper Peace River watershed (Fraser 1991, Coastal Environmental 1996).

Water Quality Degradation: Concentrations of phosphorus in the Peace River and Charlotte Harbor are considerably higher than the median value for Florida estuaries. Also, nitrogen concentrations and chlorophyll a values from the Peace River and Charlotte Harbor can be higher than median values for both Florida's streams and estuaries.

Trophic state index values (TSI's) are within the "good" range in all parts of the Harbor itself, with the best water quality found in the lower portions of the Harbor. TSI values from stations located in the estuarine portions of the Peace and Myakka Rivers are mostly in the "fair" range, although TSI values from the Peace River at U.S. 41 are oftentimes not too distant from the "poor" category.

Fish and Wildlife Habitat Loss: Much of the watershed for the Peace River has been altered for mining, agricultural land and urban development. In the post-World War II years, much of the watershed in the lower reaches of the Peace and Myakka Rivers was subdivided and platted for residential development. Communities such as Port Charlotte, North Port and Punta Gorda have developed in this manner. In both the Peace and Myakka Rivers, open water areas increased between 1950 and 1994 (5 and 10 percent, respectively), due to the development of residential housing in finger-fill canals in the lower reaches of both rivers. Marsh vegetation decreased by 520 acres (22 percent decline) along the lower Peace River between 1950 and 1994, with a similar loss of 190 acres (18 percent decline) along the lower Myakka River between 1950 and 1994.

Charlotte Harbor SWIM Plan Goals

The goals of the Charlotte Harbor SWIM Plan are consistent with the goals identified by the Charlotte Harbor NEP. In September 1999, the Charlotte Harbor NEP completed its Draft Comprehensive Conservation and Management Plan (CCMP) entitled "Committing to Our Future." The Draft CCMP contains six major goals for preserving and restoring Charlotte Harbor. These goals are:

- Improve the environmental integrity of the Charlotte Harbor study area
- Preserve, restore and enhance seagrass beds, coastal wetlands, barrier beaches, and functionally related uplands
- Reduce point and non-point sources of pollution to attain desired used of the estuary
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- Develop and implement a formal Charlotte Harbor management plan with a specified structure and process for achieving goals for the estuary

MANAGEMENT STRATEGIES

The SWIM Plan's management strategies for protecting and restoring Charlotte Harbor are based on the Charlotte Harbor NEP's Draft CCMP. The District played a significant role in developing the CCMP, and continues to be an active partner as the Charlotte Harbor

NEP moves to implement the CCMP. The District is represented on the Technical and Citizen's Advisory Committees, and also the Management and Policy Committees. In addition, the District contributes a considerable amount of local matching funds from both the Peace River and Manasota Basin Boards.

To address the priority issues facing Charlotte Harbor, the Charlotte Harbor NEP's Draft CCMP compiled a list of "Action Plans" that needed to be implemented. These Action Plans identified a range of strategies that would allow local, regional, state and federal agencies to maximize the return on their investments in efforts to preserve and restore Charlotte Harbor. Many of the Action Plans can achieve multiple environmental objectives, such as pollution prevention and water conservation, or habitat preservation and water quality protection. Responsible parties were identified within each Action Plan, and their expected participation was outlined.

Action Plan Responsibilities

The District was identified as a responsible party for several of the Action Plans included within the Draft CCMP. This SWIM Plan is proposing a series of projects to implement the associated Action Plans.

Management for Hydrologic Alterations

Action Plan HA-A Establish and Implement Minimum Flows for Tributaries as Detailed Within the Draft CCMP. Determine Maximum Cumulative Withdrawals.

- Establish Minimum Flows for the Upper Peace River by 2001*
- Establish Minimum Flows for the Middle and Lower Peace River (including Shell, Horse and Joshua Creeks) between 2002 and 2005*
- Establish Minimum Flows for the Myakka River between 2011 and 2015*
- Continue Efforts to Reduce Excessive Dry Season Flows in the Upper Myakka River
- Assess the Potential for Hydrologic Restoration of Cow Pen Slough

* These dates reflect the schedule adopted by the District's Governing Board. However, the schedule can be modified at the Governing Board's discretion.

Action Plan HA-F Reestablish, Where Practical, Surface Flows From Sub-basins That Do Not Currently Contribute To Their Historic Hydrologic Connections.

- Assess the Potential for Hydrologic Restoration of Identified Sub-basins

Action Plan HA-H Where Possible (practical) Restore Groundwater Levels to Historic Seasonal Mean Levels

- Establish Minimum Flows for the Upper Peace River by 2001

- Establish Minimum Flows for the Middle and Lower Peace River (including Shell, Horse and Joshua Creeks) between 2002 and 2005

Action Plan HA-P Evaluate Potential Alternatives to Modification and/or Removal of the Structure at the Southern End of Lake Hancock

- Establish Minimum Flows for the Upper Peace River by 2001
- Develop a Water and Nutrient Budget for Lake Hancock for Water Quality Improvement

Management for Water Quality Degradation

Action Plans WQ-C and WQ-D Identify Gaps in Water Quality Data Needed to Calibrate the Appropriate Models Used to Determine Total Maximum Daily Load (TMDL) Limits. Coordinate Monitoring Programs and Implement Programs to Fill Data Gaps for TMDL's.

- Develop a Linked Nutrient Budget and Water Quality Model for Lemon Bay
- Develop a Resource-based Pollutant Load Reduction Goal for Charlotte Harbor "Proper" (defined on p. B-1)
- Continue the Existing Short-term Water Quality Monitoring Program
- Implement the Long-term Water Quality Monitoring Program
- Continue Seagrass Mapping Efforts

Action Plans WQ-E and WQ-M Install or Retrofit Best Management Practices (BMP's) to Maintain or Improve Water Quality

- Develop a Linked Nutrient Budget and Water Quality Model for Lemon Bay
- Develop a Resource-based Pollutant Load Reduction Goal for Charlotte Harbor "Proper"
- Implement the Canal Water Quality Enhancement Project
- Develop and Implement Water Quality Improvement Projects, as Appropriate

Action Plan WQ-H Install and Maintain Filtration Marshes at Appropriate Locations Around Lake Hancock

- Develop a Water and Nutrient Budget for Lake Hancock for Water Quality Improvement

Management for Fish and Wildlife Habitat Loss

Action Plan FW-A Where Practical, Identify and Remove Areas of Heavy Invasive Exotic Vegetation From the Charlotte Harbor NEP Study Area

- Implement Restoration Master Plan for Alligator Creek
- Restore Amberjack Slough

- Restore Lemon Bay Park
- Continue Various Other Restoration Projects

Action Plans FW-B and FW-P ***Enhance Fish and Wildlife Habitat Along Shorelines, Including Canals, Lakes, Riverine Systems, and Artificial Waterbodies***

- Develop a Water and Nutrient Budget for Lake Hancock for Water Quality Improvement
- Implement Restoration Master Plan for Alligator Creek
- Restore Amberjack Slough
- Restore Lemon Bay Park
- Continue Various Other Restoration Projects
-

Action Plan FW-C ***Restore Freshwater and Estuarine Wetland Areas, Especially Those Adversely Impacted by Ditching***

- Implement Restoration Master Plan for Alligator Creek
- Restore Amberjack Slough
- Restore Lemon Bay Park
- Continue Various Other Restoration Projects

Action Plan FW-S ***Bring Environmentally Sensitive Land Under Protection Through Ownership and/or Management, and Expand Conservation Areas, Reserves and Preserves***

- Continue Ongoing Land Acquisition/Conservation Easement Activities

Action Plan FW-U ***Acquire Lands to Increase Wildlife Habitat Currently Privately Held Within Large, Undeveloped, Platted Areas***

- Continue Ongoing Land Acquisition/Conservation Easement Activities

Linkage to Other Water Resource Management Activities

In addition to projects that are initiated by SWIM, the SWIM Program is able to accomplish its objectives more effectively and efficiently by coordinating internally with other District programs and externally through partnerships with local governments and other State and federal agencies.

Internal Linkages

The District has many tools available to implement the legislative intent of the SWIM Program, including but not limited to, integrated planning and coordination, regulatory authority, land acquisition programs and the SWIM program itself. Each of these areas provides opportunities to assist in the management of Charlotte Harbor.

The SWFWMD's Water Management Plan - As required in Chapter 373, Florida Statutes, the District prepared its Water Management Plan (DWMP). Within this plan, the District organized its mission into four areas of responsibilities; water supply, flood protection, water quality management and natural systems management. The DWMP recognizes that the integration of all these areas is essential to effective planning and management of the resource. The DWMP has policies that relate to the protection, restoration, and management of Charlotte Harbor

Comprehensive Watershed Management - The District has recognized the need to take a more aggressive and unified approach to surface water management and has created an initiative which prioritizes resource management needs by watershed throughout the District. For Charlotte Harbor, three Watershed Management Initiative efforts are relevant, those for the Peace River, the Myakka River, and the Southern Coastal Watershed. These management plans combine information on water quantity (i.e., flood) management with water quality and natural systems objectives, as well as water supply when applicable. Information on regulatory, land acquisition, and land-use matters is combined into a comprehensive surface water management strategy, including appropriate policies, on a watershed-specific basis. This effort is the District's embodiment of the EPA's watershed planning approach and the FDEP's Ecosystem Management initiative.

Local governments, as the parties responsible for land planning and development are key players in this integrated management approach. Similarly, the State's Ecosystem Management Initiative will provide an impetus to collective efforts as it implements an environmental strategy that encourages innovation, pollution prevention, incentive-based regulatory alternatives, public education and individual stewardship.

Regulation

Wetlands Protection Through Regulatory Programs - One way that the District achieves wetlands protection is through regulatory programs. Wetlands protection is addressed under Chapters 40D-2, 40D-3, 40D-4, 40D-40 and 40D-45, F.A.C. The District's surface water permitting rules (40D-4, 40 and 45, F.A.C.) require that any impact to wetlands not specifically exempted must either be avoided or compensated. Compensation for impacts includes as a minimum, type-for-type mitigation at a one-to-one ratio. Other types of compensation may be required, including preservation of associated upland areas, alternate types of wetland creation, protection of exempt wetlands, and restoration for previously impacted wetlands. The intent is to ensure that the habitat necessary for the survival of fish and wildlife is maintained.

Minimum Flows and Levels - Another management tool available for water and related natural resource protection is through the District's minimum flows and levels (MFL) program. Maintaining minimum flows and levels is a significant statutory charge for Florida's water management districts. SWFWMD programs for minimum flows and levels originate in Chapter 373.042, F.S., as well as from the District's desire to treat the environment as a rightful "user" of water. If water resources and associated natural systems are to be protected and maintained, the identification

and establishment of water levels and flows are essential. Such activities will also serve to balance water withdrawals for human needs with protection of surface water levels for navigation, recreation and related functions.

Once established, MFL's are implemented through a variety of means. Most prevalent is the application of these flows and levels to the District's water use permitting program. As directed by Chapter 373.042, F.S., the District may restrict withdrawals of water which would cause flows and levels to drop below their established minimums and which would be significantly harmful to the water resources or ecology of an area. The District's water use permitting rules, which include criteria to prevent adverse impacts from occurring as a result of withdrawals, effectively establish MFLs for specific sources throughout the District. Currently, the Upper Peace River is scheduled for MFL establishment by 2001, the Middle and Lower Peace River (including Shell, Horse and Joshua Creeks) between 2002 and 2005, and the Myakka River between 2011 and 2015.

Mitigation Banking - Mitigation banking allows developers to compensate for wetland losses in one place by preserving, restoring or creating wetlands in another prevent a net loss of wetlands. The rule allows mitigation banking in some instances, although it remains a controversial issue. The SWFWMD coordinates with the Florida Department of Transportation to take advantage of mitigation bank opportunities on District lands and within SWIM priority water bodies.

Land Acquisition - Land acquisition at the District is currently guided and funded by two major statewide initiatives: The Water Management Lands Trust Fund (a.k.a. Save our Rivers Program or SOR), and Preservation 2000 (P-2000). In 2000, the P-2000 Program for land acquisition will "sunset." Funds for land acquisition and management will be available through Save our Rivers through 2000, however, the SOR funds may not be used for land acquisition after 2001. The Florida Forever Act, passed by the Florida Legislature in 1999, will make funds available, beginning in 2001, to the water management districts for both land acquisition and restoration, including funding for SWIM projects.

The District's land acquisition programs target the protection of natural resources at the regional level. Lands of importance to water resources and water management are acquired along with lands of unique environmental values endangered by development activities. The District owns more than 200,000 acres, the majority of which were purchased through the SOR and P2000 programs. Many recent purchases have been a joint acquisition between the District and a local government or with other State agencies. Leveraging District land acquisition funds with those of local governments and other agencies can and has resulted in significant acquisitions that might not have been made otherwise. These programs have been coordinated with SWIM Plans by focusing on critical habitats, such as wetlands and their interconnected upland communities that are part of the Charlotte Harbor ecosystem, and that should be acquired for preservation and/or restoration.

Basin Board Activities - The basin boards of the SWFWMD have specific functions and duties that are consistent with Chapter 373, F.S., and the programs of the Governing

Board. Their purpose is to identify and evaluate key water resource management issues in order to develop and fund management strategies to address them. The basin boards are facilitators in the resolution of non-regulatory water management issues for a number of other governments. It is at the basin level that intergovernmental water resource programs are implemented, monitored and evaluated for improvement. The basin boards also provide a means of obtaining feedback from local governments and citizens. Basin boards also serve as funding partners for local governments and others in addressing mutually beneficial water resource solutions. The basin boards also provide the District's SWIM funding match for approved SWIM projects within their basins. For the Charlotte Harbor region, the relevant basin boards are the Peace River Basin Board and the Manasota Basin Board.

The District, through the eight basin boards, has an established Cooperative Funding Program which provides financial assistance on a cost-share basis primarily to local governments for regional water resource projects. Projects can also be funded through "basin initiatives" where a basin decides to provide the impetus for a water management solution, with or without a local partner. Many of the basin boards have in place a five-year plan which outlines the types of activities it expects to undertake in the next five years and provides an estimate of the funding required to support these projects. The basin plans were prepared in close coordination with local governments, demonstrating another opportunity for integration with local governments and ensuring the most efficient and cost-effective approach to addressing mutual water resource management goals and objectives.

External Linkages

FDEP - Ecosystem Management and Watershed Approach Initiatives - Ecosystem management is a process for managing environmental resources that originated at the State level. The FDEP is required by the Florida Environmental Protection Act of 1993 to develop and implement measures to "protect the functions of entire ecological systems through enhanced coordination of public land acquisition, regulatory and planning programs."

FDEP has defined ecosystem management as an integrated, flexible approach to management of Florida's biological and physical environments - conducted through the use of tools such as planning, land acquisition, environmental education, regulation and pollution prevention - designed to maintain, protect and improve the State's natural, managed and human communities. The primary goal of this effort is to provide for the maintenance of a healthy, sustainable environment for the benefit of present and future generations. A strong similarity is apparent between the District's Comprehensive Watershed Management Initiative (CWM) and Surface Water Improvement and Management (SWIM) Programs and FDEP's newly initiated Watershed Approach to resource management. For the FDEP's Watershed planning and assessment program, the Peace and Myakka Rivers, as well as the coastal drainage basis for Charlotte Harbor, Gasparilla Sound, Lemon Bay and Dona and Roberts Bays are all included within the same watershed unit (Pat Fricano - FDEP, personal communication). These programs will continue to be complementary in action, with the most appropriate agency and/or program being used for the task(s) at hand.

FDEP - Total Maximum Daily Load (TMDL) Program - Section 303(d) of the Federal Clean Water Act requires states to submit lists of waters that fail to meet applicable water quality standards (i.e., "impaired waters") and to establish and implement TMDL's for these waters on a prioritized schedule. Listing requirements include the identification of pollutants causing impairment (e.g., nutrients, sediments, bacteria, etc.). Impaired waters are primarily those listed as having either "poor" or "fair" water quality in the FDEP 1996 305(b) report. In response to various legal proceedings, Chapter 99-223 created 403.067 (Florida Statutes), wherein it was established that the initial list of water bodies in the 303(d) list was to be used for planning purposes only, and that FDEP would be required to adopt by rule a methodology for determining impaired waters. Also, FDEP is now required to validate the impairment of listed water bodies, and to evaluate whether proposed pollution control programs are sufficient to help impaired water bodies to meet their appropriate water quality standards. Once impairment has been verified and TMDL's have been adopted, 403.067 (F.S.) requires FDEP to allocate TMDL's, by rule, to the level of major categories of nonpoint sources. FDEP is then required to develop specific Basin Plans to implement TMDL's. In all these activities, the SWIM Plan's efforts at establishing PLRG's for Charlotte Harbor will be carefully integrated with FDEP's efforts at developing and implementing TMDL's.

Local / Federal Government Coordination and Partnering - The District has prepared county-level Integrated Plans for the local governments within its jurisdiction, as part of the District's Water Management Plan. The purpose of the Integrated Plan is to identify and evaluate key water resource management issues with the local government's jurisdiction, and to develop common District and local government strategies to address these issues. Greater detail is available in Appendix D, "Governance within the Charlotte Harbor Basin."

PRIORITY PROJECTS

The priority projects for the Charlotte Harbor SWIM Plan Update focus on protecting and restoring the quantity and quality of freshwater inflows from the Peace and Myakka Rivers. In the case of Lake Hancock, substantial improvements in the quality of water discharging into the Peace River are necessary. Also, priority projects focus on the potential development of a scientifically-defensible resource-based pollutant load reduction goal (PLRG), and the continuation of existing water quality monitoring efforts. Finally, although Charlotte Harbor is mostly considered as requiring "preservation" rather than "restoration," opportunities exist for conducting meaningful habitat restoration projects in various locations, such as the 1,600 acre Alligator Creek Addition to the Charlotte Harbor Buffer Preserve. The following project summaries identify the current status of active and proposed projects, and provide project timelines and estimated budgets for implementation.

Project Title: **Minimum Flows and Levels (MFL) Priority List and Schedule**

Summary:
The minimum flows and levels (MFL) priority list, approved by the District Governing Board on October 27, 1998, identifies the water bodies and timing for establishment of MFL's for lakes, aquifers and flowing watercourses. This is a statutory charge to the District and is

based on the importance of waters to the State or region. **It should be noted that the MFL's initiative is not being conducted through the District's SWIM Program; however, it is discussed here because of its importance to the preservation of the Charlotte Harbor system.** The Upper Peace River is scheduled for establishment by 2001, the Middle and Lower Peace River (including Shell, Horse and Joshua Creeks) between 2002 and 2005, and the Myakka River is scheduled for between 2011 and 2015. These efforts would build on previously completed efforts contained within Hammett (1990), Coastal Environmental (1996), and Flannery and Barcelo (1998).

Annual Budget Estimates:
Staff time and consultant funding are regularly budgeted by the District as part of the statutorily-required efforts to establish MFL's for priority water bodies (see page 7).

Agency or Local Government Partnering:
The U.S. Geological Survey, FDEP, local governments and permittees (where applicable) are potential partners for development and implementation of MFL's.

Project Title: **Ongoing Efforts to Restore the Hydrology of the Flatford Swamp and Upper Myakka River**

Summary:
In the Flatford Swamp and Upper Myakka River watershed, recently completed and ongoing efforts have focused on developing a response to the issue of excessive tree stress and mortality. Ongoing efforts are focused on: 1) monitoring streamflow and water quality in the major tributaries to the swamp, 2) updating tree mortality estimates, 3) determining the causes of tree mortality within Myakka River State Park, 4) developing estimates for the amount of freshwater inflow reduction necessary to alleviate the problem, and 5) implementing solutions that will reduce freshwater inflow from surrounding agricultural operations. Restoration efforts would be evaluated after evaluation of the success of ongoing and planned efforts designed to restore more natural hydroperiods. These efforts would build on previous work by Coastal Environmental (1998) and Flannery and Barcelo (1998).

Annual Budget Estimates:

	FY 2000	FY 2001	FY 2002
Salaries	TBD	TBD	TBD
Contracts	TBD	TBD	TBD
Expenses	TBD	TBD	TBD
Total	TBD	TBD	TBD

Agency or Local Government Partnering:
TBD = "To be determined." The District's efforts to reduce the amount of freshwater inflow coming into the Flatford Swamp and the Upper Myakka River, and subsequent efforts to restore vegetative communities, will be coordinated with the Florida Department of

Agriculture and Consumer Services, the U.S. Department of Agriculture's Natural Resources Conservation Service, the Florida Farm Bureau, the U.S. Army Corps of Engineers, and FDEP.

Project Title: **Assessment of Hydrologic Restoration of Cow Pen Slough**

Summary:
One of the most significant environmental problems associated with Dona and Roberts Bays is the alteration of the timing and quantities of freshwater inflows into this system from the enlargement and modification (in the 1960's) of the watershed of Cow Pen Slough and its conversion into a drainage feature for agricultural lands. This project would focus on investigating the impacts of hydrologic alterations on the health of associated estuarine habitats in Dona and Roberts Bays, and investigation of potential projects that could alleviate these problems. Additionally, potential remedies involving the use of excessive wet season flows to provide for potable and/or non-potable water supplies will be examined.

Annual Budget Estimates:

	FY 2000	FY 2001	FY 2002
Salaries	$0	$5,000	$5,000
Contracts	$0	$100,000	$0
Expenses	$0	$0	$0
Total	$0	$105,000	$5,000

Agency or Local Government Partnering:
As various potential remedies to the impacts of hydrologic alterations are identified, the following entities could become partners with funding these projects: FDEP, Sarasota County, the City of Venice, and the Peace River / Manasota Regional Water Supply Authority.

Project Title: **Develop a Water and Nutrient Budget for Lake Hancock for Water Quality Improvement**

Summary:
Lake Hancock is located southeast of the City of Lakeland and north of the City of Bartow in Polk County. The lake is publicly owned, and at 4,553 acres, it is the largest lake associated with the Peace River. Lake Hancock has been recognized as having some of the poorest water quality in the State of Florida, with persistent blue-green algae blooms, high nutrient concentrations, low dissolved oxygen levels and frequent fish kills. The purpose of this project is to develop water and nutrient budgets for the lake, and to design and permit a project capable of improving the quality of water that is discharged from the lake into the Peace River. The project is not presently anticipated to be a whole lake restoration project. This project builds on previous efforts by Hammett (1990), Coastal Environmental (1995b), and Camp, Dresser and McKee, Inc. (1998) all of which showed

that pulses of water discharged from Lake Hancock degraded water quality within the Upper Peace River, and that degradation of water quality might even extend into the Middle and Lower portions of the Peace River, as well.

Annual Budget Estimates:

	FY 2000	FY 2001	FY 2002
Salaries	$10,000	$10,000	$10,000
Contracts	$350,000	$300,000	$0
Expenses	$10,000	$10,000	$10,000
Total	$370,000	$320,000	$20,000

Agency or Local Government Partnering:
As the water quality improvement project becomes identified, the following entities could become involved in the implementation of the project: Florida Legislature, FDEP, FFWCC, Imperial Polk County, and various mining interests. It should be noted that expenses for implementation of the project design would probably be much larger than the costs for design and permitting.

Project Title: **Development of a Linked Nutrient Budget and Water Quality Model for Lemon Bay**

Summary:
Preliminary results from an ongoing assessment of seagrass health and water quality in Lemon Bay suggest that Lemon Bay is likely to experience losses in seagrass coverage as the watershed continues to be developed. Chlorophyll a concentrations in Lemon Bay can be substantially higher than in nearby Sarasota Bay. In addition, chlorophyll a concentrations are significantly correlated with water column light attenuation values. An expanded coverage of the Charlotte Harbor SWIM Plan boundaries to include Lemon Bay would allow for additional efforts to be spent on Lemon Bay, such as the potential development of a pollutant loading model for the watershed, and the development of a water quality model capable of estimating future changes in water clarity associated with increased non-point pollution loads. This project would build on a recently completed project by Tomasko et al. (in review) which examined nutrient load : water quality : seagrass interactions in Lemon Bay.

Annual Budget Estimates:

	FY 2000	FY 2001	FY 2002
Salaries	$0	$5,000	$5,000
Contracts	$0	$100,000	$0
Expenses	$0	$5,000	$0
Total	$0	$110,000	$5,000

Agency or Local Government Partnering:
The following entities could become involved with developing the scope of work and interpreting data for the future scenario portions of this project: Sarasota County, Charlotte County, the City of Englewood, the Charlotte Harbor NEP, and FDEP.

Project Title: **Potential Development of a Resource-based Pollutant Load Reduction Goal for Charlotte Harbor "Proper"**

Summary:
In Charlotte Harbor "Proper" (defined on p. B-1) the development of a resource-based pollutant load reduction goal (PLRG) has been problematic. After examining the relationships between nitrogen loads and eutrophication indicators (i.e., chlorophyll a concentrations and Trophic State Index [TSI] values) through the use of both empirical and mechanistic modeling techniques, Pribble et al. (1997) found no direct relationship between nutrient loads and any indicators of eutrophication in Charlotte Harbor. The District has contracted with faculty and staff from Louisiana State University to conduct a study to try and reconstruct historic trends in hypoxia (low dissolved oxygen levels) in Charlotte Harbor, based on determining the status and trends in organic loading to bottom sediments. In addition to the work conducted by Pribble et al. (1997), this project would build on previous efforts by Hammett (1990), Coastal Environmental (1995b) and Camp, Dresser & McKee, Inc. (1998).

Annual Budget Estimates:

	FY 2000	FY 2001	FY 2002
Salaries	$5,000	$5,000	$0
Contracts	$0	$0	$0
Expenses	$2,000	$2,000	$0
Total	$7,000	$7,000	$0

Agency or Local Government Partnering:
The following entities have reviewed results to-date for this study, and would be involved with interpretation of the ecological significance of findings from this study: the U.S. Geological Survey, Sarasota County, Charlotte County, FDEP, and the Charlotte Harbor NEP. This project is of primary importance in developing (if possible) a resource-based pollutant load reduction goal for Charlotte Harbor. As such, close coordination with FDEP's TMDL program is anticipated.

Project Title: **Continuation of Existing Water Quality Monitoring Program**

Summary:
In the 1993 Charlotte Harbor SWIM Plan, the District outlined the need for the development and implementation of a Harbor-wide water quality monitoring program. Since 1993, the District has coordinated and carried out such a program. Thirteen stations are visited on a monthly basis, and traditional water quality parameters (i.e., temperature,

salinity, water clarity, chlorophyll levels, turbidity, color, nutrient species, etc.) are recorded. These data have been most recently summarized by Morrison et al. (1998). In addition, a more sophisticated, completely randomized water quality monitoring program (Coastal Environmental 1995 a) was developed and reviewed by the SWIM Advisory Committee in 1995. At present, the District is anticipating modifications to its ongoing water quality monitoring efforts, as the Charlotte Harbor NEP is currently designing a Harbor-wide monitoring program that would also include Lemon Bay.

Annual Budget Estimates:

	FY 2000	FY 2001	FY 2002
Salaries	$15,000	$15,000	$0
Contracts	$10,000	$10,000	$0
Expenses	$10,000	$10,000	$0
Total	$35,000	$35,000	$0

Agency or Local Government Partnering:

This project is currently carried out in coordination with the Florida Department of Environmental Protection (FDEP). Staff from FDEP are involved in monthly water quality monitoring efforts, and a boat from FDEP's Charlotte Harbor Aquatic Preserve is used for the southernmost monitoring run. It is anticipated that this coordination will continue until the present water quality monitoring program is replaced by a long-term water quality monitoring effort.

Project Title: **Implementation of a Long-term Water Quality Monitoring Program**

Summary:

In the 1993 Charlotte Harbor SWIM Plan, the District outlined the need for the development and implementation of a long-term Harbor-wide water quality monitoring program. A report was prepared (Coastal Environmental 1995 a) which developed a stratified random design for water quality monitoring in Charlotte Harbor. The District is anticipating partnering with local governments and state agencies to implement this project. At present, the Charlotte Harbor NEP is developing a strategy for monitoring living resources in Charlotte Harbor. The outcome of this effort will be used to guide budget decisions as to the District's contribution to a long-term water quality monitoring program. As such, budget projections are preliminary, and reflect a timeline for implementation that is consistent with the work schedule of the Charlotte Harbor NEP.

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Annual Budget Estimates:

	FY 2000	FY 2001	FY 2002
Salaries	$0	$2,000	$2,000
Contracts	$0	$75,000	$75,000
Expenses	$0	$5,000	$5,000
Total	$0	$82,000	$82,000

Agency or Local Government Partnering:
It is anticipated that this project will be jointly funded by the District, FDEP, and local governments. Additional partnering is possible through the Charlotte Harbor NEP.

Project Title: **Canal Water Quality Enhancement Project**

Summary:
This project is designed to enhance water quality in a residential canal in Charlotte County. The project involves investigating the use of alum to precipitate out nutrients, total dissolved solids and total suspended solids in a canal system with poor water quality.

Annual Budget Estimates:

	FY 2000	FY 2001	FY 2002
Salaries	$2,000	$1,500	$0
Contracts	$32,000	$0	$0
Expenses	$0	$0	$0
Total	$34,000	$1,500	$0

Agency or Local Government Partnering:
This project is jointly funded by Charlotte County.

Project Title: **Continuation of Existing Seagrass Mapping Program**

Summary:
At present, the District has coordinated and carried out a Harbor-wide seagrass mapping effort to determine the status and trends in seagrass coverage in Charlotte Harbor. Seagrass distribution has been quantified for the years 1982, 1988, 1992, 1994 and 1996. Efforts are underway to map seagrass distribution in 1999 as well. This project should be continued on a roughly biannual basis, to detect changes, if any, in the health and vigor of these important fisheries habitats.

Annual Budget Estimates:

	FY 2000	FY 2001	FY 2002
Salaries	$3,000	$3,000	$3,000
Contracts	$0	$25,000	$0
Expenses	$2,000	$3,000	$2,000
Total	$5,000	$31,000	$5,000

Agency or Local Government Partnering:
This project is currently carried out in coordination with FDEP and the Charlotte Harbor NEP.

Project Title: **Various Additional Technical Tasks Identified by the Charlotte Harbor National Estuary Program**

Summary:
The District is currently closely coordinating its activities with those of the Charlotte Harbor NEP. It is anticipated that the Charlotte Harbor NEP would call upon District staff to carry out additional technical projects that might be associated with pollutant load reduction goal development, identification of issues associated with hydrologic alterations in the watershed, or other efforts. This budget category would give District Staff the flexibility to respond to as of yet unidentified technical tasks that might be given to the District through the Charlotte Harbor NEP.

Annual Budget Estimates:

	FY 2000	FY 2001	FY 2002
Salaries	$10,000	$10,000	$10,000
Contracts	$95,000	$95,000	$95,000
Expenses	$5,000	$5,000	$5,000
Total	$110,000	$110,000	$110,000

Agency or Local Government Partnering:
As various projects are identified, the following entities could become involved in funding and/or implementing these efforts: FDEP, FFWCC, Charlotte County, Sarasota County, Imperial Polk County, and the Charlotte Harbor NEP.

Project Title: **Implementation of the Restoration Plan for the Alligator Creek Addition to the Charlotte Harbor Buffer Preserve**

Summary:
The Alligator Creek Addition of the Charlotte Harbor Buffer Preserve is an approximately 1,600 acre site located south of the City of Punta Gorda, directly on Charlotte Harbor. As

part of the implementation of the 1993 Charlotte Harbor SWIM Plan, a restoration master plan is being developed for the entire site. In addition, two restoration projects with a combined acreage of approximately 20 acres have been designed and permitted, with one project already completed. These restoration projects have been or will be constructed using staff and equipment of the FDEP's Charlotte Harbor Buffer Preserve. However, additional projects have been identified, and full implementation of the restoration master plan would require funds beyond those that have already been committed.

Annual Budget Estimates:

	FY 2000	FY 2001	FY 2002
Salaries	$3,000	$5,000	$5,000
Contracts	$25,000	$250,000	$250,000
Expenses	$2,000	$5,000	$5,000
Total	$30,000	$260,000	$260,000

Agency or Local Government Partnering:
As various habitat restoration projects are identified, designed and permitted, the following entities could become involved funding these projects: FDEP, FFWCC, Charlotte County, the City of Punta Gorda, the Charlotte Harbor Environmental Center, FDOT, and the Charlotte Harbor NEP.

Project Title: **Various Other Habitat Restoration Projects**

Summary:
Currently, habitat restoration projects are either completed or underway for the following locations: Cape Haze Peninsula, Don Pedro Island, Alligator Creek, and the City of Punta Gorda. In addition, restoration projects are anticipated to be funded for both Amberjack Slough and the Lemon Bay Preserve, both of which are outside the current geographic boundaries of the 1993 Charlotte Harbor SWIM Plan. This budget category would allow flexibility for carrying out design, permitting and construction of habitat restoration projects throughout the Charlotte Harbor watershed, including projects not yet identified.

Annual Budget Estimates:

	FY 2000	FY 2001	FY 2002
Salaries	$5,000	$5,000	$5,000
Contracts	$150,000	$150,000	$150,000
Expenses	$10,000	$10,000	$10,000
Total	$165,000	$165,000	$165,000

Agency or Local Government Partnering:
As various habitat restoration projects are identified, designed and permitted, the following entities could become involved with funding these projects: FDEP, FFWCC, Charlotte County, Sarasota County, Imperial Polk County, FDOT, and the Charlotte Harbor NEP.

Project Title: **Site Identification / Land Acquisition**

Summary:
The District purchases lands through the Save Our Rivers (SOR) and Florida Forever Programs. The District's Land Acquisition Program targets lands of regional significance for water management, water supply and the conservation and protection of water resources. Annually, the District Governing Board adopts a five-year plan which identifies those properties which are authorized for acquisition, whether in fee-simple or less-than-fee simple, and also those properties which require a formal resource evaluation to determine if acquisition is warranted.

Annual Budget Estimates:
Staff time and consultant funding are regularly budgeted by the District through the Water Management Lands Trust Fund and the Florida Forever Act (see page 8).

Agency or Local Government Partnering:
There are potential funding possibilities from local governments' environmentally sensitive land acquisition programs, and also the FDEP's CARL Program.

Project Title: **Charlotte Harbor / Peace River Educational Efforts**

Summary:
Public lack of information and understanding can lead to misuse of valuable natural resources. The project is designed to educate citizenry in the Charlotte Harbor and Peace River watersheds regarding water resource issues, including conservation practices, watershed / ecosystem management issues, water quality concerns, and alternative sources.

Annual Budget Estimates:

	FY 2000	FY 2001	FY 2002
Salaries	$1,000	$1,000	$1,000
Contracts	$25,000	$25,000	$25,000
Expenses	$0	$0	$0
Total	$26,000	$26,000	$26,000

Agency or Local Government Partnering:
The following entities have been identified as potential partners for implementing this project: Charlotte County, the Charlotte Harbor Environmental Center, and the Charlotte Harbor NEP.

APPENDIX A - STATUS OF THE 1993 CHARLOTTE HARBOR SWIM PLAN

Within the 1993 Charlotte Harbor SWIM Plan, a number of priority projects were outlined, and the basis for undertaking these activities was described. Generally, activities involved starting a technical and management review team, the development of a short-term water quality monitoring program for the Harbor, the development of a pollutant loading analysis, the potential development of a pollutant load reduction goal (PLRG), identification of habitat restoration priorities, and investigation of the timing, spatial variation and causes of hydrologic alteration. This section discusses the results of these efforts. Although considered in some detail, much more information is contained in the technical reports referenced. These reports are available from the District's SWIM Section, at (813) 985-7481, ext. 2206.

Project: Organization and initiation of the Charlotte Harbor Watershed Management Committee (CHWMC) and SWIM Advisory Committee (SAC).

Status: The CHWMC has been replaced in its functions by the Charlotte Harbor National Estuary Program's Management and Policy Committees, formed in late 1996. These committees provide coordination of resource management activities at the regional level, and thus meet the intent of the CHWMC. The SAC is still active, and meets as a technical review committee to oversee the scope of work, results and interpretation of projects carried out for SWIM in Charlotte Harbor.

Project: Design and implementation of a water quality monitoring program.

Status: The District has coordinated and carried out a harbor-wide water quality monitoring program since 1993. Thirteen stations are visited on a monthly basis, and traditional water quality parameters (i.e., temperature, salinity, water clarity, chlorophyll levels, turbidity, color, nutrient species, etc.) are recorded. These data have been most recently summarized by Morrison et al. (1998). In addition, a more sophisticated, completely randomized water quality monitoring program was developed and reviewed by the SAC in 1995 (Coastal Environmental 1995 a). At present, the District is anticipating modifications to its ongoing water quality monitoring efforts, as the Charlotte Harbor NEP is currently designing a harbor-wide monitoring program. It is anticipated that a Harbor-wide water quality monitoring program, coordinated by the Charlotte Harbor NEP, would be initiated in fall 2000.

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Project: Development of resource-based water quality targets and pollutant load reduction goals (PLRG's).

Status: At present, two approaches have been used to develop a resource-based PLRG for Charlotte Harbor "Proper". The first approach utilized both empirical and mechanistic water quality models to try and establish a water quality-based PLRG. However, these efforts (Pribble et al. 1997, Pribble et al. 1998) concluded that there was no direct relationship between nutrient loads and any indicators of eutrophication in Charlotte Harbor. A second effort (Tomasko and Hall 1999) found that the health of seagrass meadows in Charlotte Harbor was not related to eutrophication indicators, as opposed to results from both Tampa Bay and Sarasota Bay. Instead, seagrass meadows in Charlotte Harbor tend to vary mostly as a function of rainfall and streamflow. A third approach to setting PLRG's is currently underway as a joint effort between the District and faculty and staff from Louisiana State University. This project, reviewed and approved by the SAC, will determine if historic reconstruction of changes (if any) in sediment oxygen demand might be a way to develop a resource-based PLRG for Charlotte Harbor. This effort is based, in part, on a study on hypoxia in Charlotte Harbor (Camp, Dresser & McKee, Inc. 1998, Heyl 1998) that suggested that human activities could potentially affect the duration, spatial extent and severity of hypoxic conditions in Charlotte Harbor. Field work is ongoing, and a final report is due in Fall 2000.

Project: Toxics Assessment.

Status: A report summarizing the information available on toxics levels in Charlotte Harbor was completed in 1995. This report (Schropp and Coastal Environmental 1995) concluded that, unlike Tampa Bay and Biscayne Bay, " . . . Charlotte Harbor is relatively free of sediment contaminants." Except for marinas and their immediate surroundings, toxic levels were not found to be elevated above background levels, and were not a serious threat to ecosystem health. A modified version of this report was also published as Schropp (1998).

Project: Enforcement and compliance monitoring.

Status: As part of the Charlotte Harbor SWIM Plan (1993), point source discharges in the Charlotte Harbor watershed were identified. As detailed in Appendix "A" of that document, there were ninety-seven (97) point source discharges in the watershed. Of those 97, the vast majority were in compliance with their permits. However, consent orders and/or notices of violations were either in preparation or the discharge was occurring under a consent order for twelve (12) of these permitted discharges.

Project: Coordination with local governments for reduction of nonpoint source pollutant loadings.

Status: As part of the pollutant loading assessment for Charlotte Harbor (Coastal Environmental 1995 b), estimates were developed for the amount of total nitrogen, total phosphorus, and total suspended solids that originated from nonpoint sources throughout the watershed. At present, the District is involved in a cooperative effort to produce a stormwater master plan for Charlotte County. As part of this project, modeling efforts will estimate nonpoint source nutrient loads at the sub-basin level. This information can then be used by Charlotte County to identify priority sub-basins for stormwater retrofits.

Project: Identification of optimal freshwater flows.

Status: The Charlotte Harbor SWIM Plan (1993) clearly points out the need to better understand the basis for observed reductions in stream flow in the Peace River. The report "Living resource-based freshwater inflow and salinity targets for the tidal Peace River" (Coastal Environmental 1996) was designed to quantify the totality of human impacts on flow reduction at various locations in the Peace River watershed. The report estimated the relationship between (1) current land-use patterns and current rainfall, (2) historic land-use patterns and historic rainfall, and (3) historic land-use patterns and current rainfall. By further modeling the relationship between streamflow and the location of various isohalines, the report estimated the isohaline shift associated with the totality of human impacts on streamflow. Additional efforts by Flannery and Barcelo (1998) have also examined the relationship between spatially and temporally varying rainfall deficits and streamflow reductions in the Peace River.

Project: Quantification of point and nonpoint source pollution.

Status: As a requirement of the Charlotte Harbor SWIM Plan (1993), the District funded a report that estimated the loads of total nitrogen (TN), total phosphorus (TP) and total suspended solids (TSS) that enter Charlotte Harbor from its entire watershed. This project (Coastal Environmental 1995 b) developed estimates of TN, TP and TSS, as well as partitioning these loads into the following categories: nonpoint sources, industrial point sources, domestic point sources, baseflow, septic tanks, and atmospheric deposition. The report concluded that nutrient loads (both TN and TP) were primarily from nonpoint sources throughout the watershed, and that domestic point sources and septic tanks were relatively unimportant sources of nutrient loads. In addition, the report developed nutrient load estimates on a per unit land area basis, which allows for the prioritization of sub-basins within the Peace and Myakka Rivers.

Project: Land acquisition and protection project.

Status: As part of the 1981 legislation creating the Save Our Rivers (SOR) program, the District is required to produce an annual report to update its five-year plan for land acquisition. The 1998 Five-Year Plan (SWFWMD 1998) includes much information relevant to the preservation of habitats and water quality within the Charlotte Harbor watershed. Within the Myakka River watershed, approximately 28,843 acres of land have been acquired through SOR-P2000 activities, including the following tracts: Upper Myakka River Watershed, Ringling MacArthur, Myakka River, and Charlotte Harbor parcels (SWFWMD 1998). An additional 40,030 acres were identified for fee-simple purchase, and 25,335 acres were identified for less-than-fee purchase. Within the Peace River watershed, approximately 2,670 acres of land have been acquired through SOR-P2000 activities, mostly comprising the R.V. Griffin Reserve. An additional 76,323 acres were identified for fee-simple purchase, and 55,172 acres were identified for less-than-fee purchase (SWFWMD 1998).

Project: Habitat mapping and assessment project

Status: The District has concluded a number of activities that relate to habitat mapping and assessment. The first of these projects involves ongoing efforts to map and characterize the various land-use types throughout the entire watershed of the Peace and Myakka Rivers. The last fully-completed project was based on 1990 land use coverage. This information was used to develop nonpoint source pollutant loading estimates for the watershed-wide pollutant loading model developed by Coastal Environmental (1995 b). A second project relating to habitat mapping and assessment involved a joint effort between the District and the Florida Marine Research Institute (1998) to determine the status and trends (if any) of oligohaline vegetation in the tidal Peace and Myakka Rivers. This report summarized trends in streamside vegetation from the 1950's to the 1990's in the tidal reaches of both these rivers. A third project relating to habitat mapping and assessment involves the ongoing efforts of the District to map seagrass distribution in Charlotte Harbor. At present, seagrass coverage has been quantified for the years 1982, 1992, 1994 and 1996. Information on Charlotte Harbor seagrass coverage is summarized in a report by the Florida Department of Community Affairs (1997).

Project: Habitat restoration projects.

Status: As identified in the Charlotte Harbor SWIM Plan (1993), the District has worked closely with the FDEP's Charlotte Harbor Buffer Preserve Program to develop and implement a restoration master plan for the Alligator Creek Parcel (also called the "CHEC site"). A contractor was hired in 1997 to

perform the following tasks: (1) develop a conceptual master plan for the entire 1,600 acre site, (2) design and obtain permits for one or two 1 to 10 acre restoration projects, and (3) oversee the construction of these projects. At present, two sites have been chosen for habitat restoration, and designs and permits have been completed. Both projects have been completed, with the resultant restoration of the natural hydrology to an area of approximately 20 acres. In addition, the District is currently involved in cooperative efforts with the FDEP to eradicate exotic vegetation in Don Pedro Island State Recreation Area. At present, the first two years' efforts have resulted in the eradication of Brazilian peppers and Australian pines from the entire southern half of Don Pedro Island. A similar project with Charlotte County has resulted in the eradication of Melaleuca trees from more than 150 acres on the Cape Haze Peninsula. Ongoing efforts are focused on maintaining these areas free of Melaleuca. Finally, the District and the City of Punta Gorda have recently completed a habitat restoration project in Punta Gorda Isles that restored and enhanced the habitat value of an area of approximately 10 acres. Funding for this project was also received from the Charlotte Harbor NEP.

Project: Public education and outreach for environmental issues.

Status: As part of its efforts at public education and outreach, the District has funded the Charlotte Harbor Environmental Center for the production of educational materials relating to the health of Charlotte Harbor. These materials included various brochures and a display board that has been shown in shopping malls and at Earth Day Celebrations. In addition, District staff have made numerous public presentations, including the following groups: Peace River Audubon Society, Charlotte County Citizens Against Pollution, the Charlotte Harbor Technical Symposium, as well as presentations to the Charlotte Harbor NEP's Technical and Citizens Advisory Committees.

APPENDIX B - BACKGROUND INFORMATION AND STATUS AND TRENDS IN CHARLOTTE HARBOR

Background Information

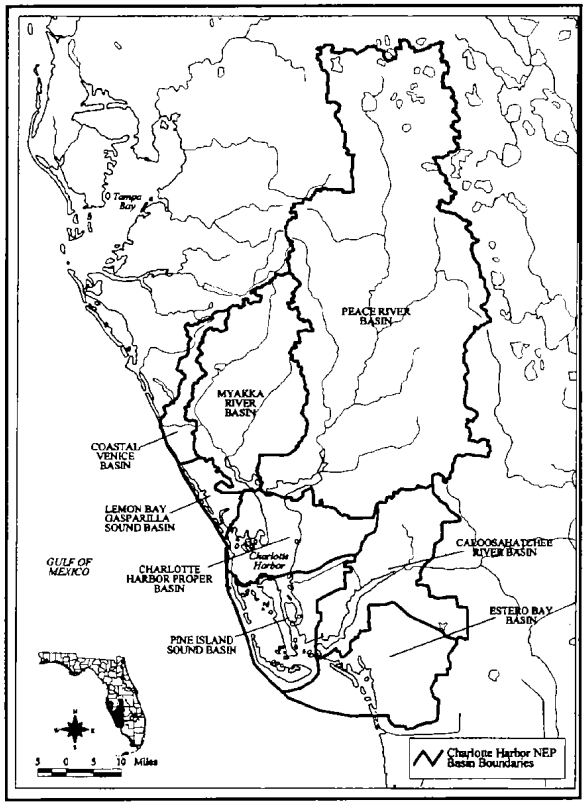

Figure B-1 Charlotte Harbor Basin Boundaries (from CHNEP)

Charlotte Harbor is a shallow, coastal plain estuary located south and east of Sarasota Bay. The management boundaries used in the 1993 Charlotte Harbor SWIM Plan did not include Pine Island Sound and Matlacha Pass, which are within the boundaries of the South Florida Water Management District. Also, Dona and Roberts Bays, which are in the vicinity of the City of Venice, and Lemon Bay, which is within the vicinity of the City of Englewood, were not included in the 1993 SWIM Plan, although they are located within the Southwest Florida Water Management District's jurisdiction. These areas are, however, included within the boundaries of the Charlotte Harbor National Estuary Program (Charlotte Harbor NEP).

Commonly, Charlotte Harbor "Proper" is meant to indicate that portion of the Charlotte Harbor Estuarine System exclusive of Pine Island Sound, the Dona and Robert Bays system (Coastal Venice Basin) and Lemon Bay (Fig. B-1). This SWIM Plan Update will continue this convention. However, Dona and Roberts Bays and Lemon Bay are considered to be part of the Charlotte Harbor ecosystem, as they are hydrologically connected to Charlotte Harbor "Proper" (see Appendix C). The open water surface area of Charlotte Harbor is approximately 270 square miles, and the watershed that drains into Charlotte Harbor is approximately 3,360 square miles in size. The watershed to open-water ratio of Charlotte Harbor of approximately 12 to 1 is twice that of Tampa Bay (6:1; Coastal Environmental 1996) and four times that of Sarasota Bay (3:1; Heyl 1992). Consequently, Charlotte Harbor experiences a greater degree of terrestrial and riverine influence than either Tampa Bay or Sarasota Bay.

The major sources of freshwater inflow into Charlotte Harbor are the Peace and Myakka Rivers. The Peace River watershed, which is approximately 2,350 square miles in size (Hammett 1990) is nearly four times as large as the Myakka River watershed (602 square miles; Hammett 1990). Approximately 408 square miles of land drain into Charlotte Harbor directly, including most of the southwestern corner of Charlotte County south of the City of Punta Gorda, and most of the Cape Haze Peninsula.

The climate of the Charlotte Harbor watershed is humid subtropical, with an average annual temperature of 72° F and an average annual rainfall amount of approximately 52 inches (SWFWMD 1993). Rainfall is highly seasonal, with more than half of the amount occurring during the wet season (June to September). Streamflow varies in a similar manner as does rainfall, but there can be an approximate one month lag period between the beginning of the wet season and the increase in streamflow in the Peace and Myakka Rivers. In addition, streamflow in April in May is typically lower than streamflow in November, although November has the lowest average rainfall of any month (Hammett 1990). The low streamflow values in April and May are thought to be due to a combination of low rainfall, low amounts of antecedent rainfall, and increasing evapotranspiration rates.

Status and Trends in Charlotte Harbor

Hydrologic Alterations

Hydrologic alterations in the Charlotte Harbor watershed have been the focus of a number of studies. Peek (1951) examined the basis for the cessation of flow in Kissengen Springs, in the Upper Peace River, and concluded that excessive groundwater withdrawals were responsible for this event. Although reported water use for mining/dewatering and industrial/commercial entities had declined by more than 60 percent between 1982 and 1996 (SWFWMD 1997), streamflow reductions associated with the phosphate mining industry will continue to exist, even with reductions in groundwater pumping. For example, it has been estimated (Coastal Environmental 1995 b) that internally drained ("hydraulically non contributing") areas in the phosphate mining regions of the Peace River totaled 130 square miles, or approximately six percent of the Peace River watershed. Declines in the potentiometric surface of the Upper Floridan Aquifer in the Upper Peace River watershed are thought to be mostly responsible for the significant decline in streamflow in the Upper Peace River (Hammett 1990). However, other studies have also pointed out the existence of a long-term reduction in wet season rainfall in the Upper Peace River watershed (Fraser 1991, Coastal Environmental1996).

The questions of greatest interest, as regards reduced streamflow in the Peace River, include the following: 1) what is the role of human activities, as opposed to climatic change, in the patterns of streamflow reduction, 2) how does this relationship change spatially, and 3) what are the recent (as well as historic) trends in streamflow? The answers to these questions can be partially answered at this time.

In its 1996 report, Coastal Environmental attempted to partition out the flow reduction caused by human activities versus those caused by declines in wet season rainfall in the Upper Peace River. A statistical model was developed that compared the rainfall to streamflow relationships for two different time periods, 1933 to 1960 and 1966 to 1993. These time periods reflect those when streamflow in the Peace River were considered to be relatively natural and abnormally low, respectively (e.g., Hammett 1990, McPherson et al. 1996). After developing these independent relationships, rainfall in the 1966 to 1993 time period was "applied" to the rainfall to streamflow relationship developed for the 1933 to 1960 time period and streamflow was predicted and then compared to actual values from the 1966 to 1993 time period.

This process compares, for the period 1966 to 1993, the streamflow generated with a "modern" watershed with that which would be expected to be generated with a "historic" watershed. Consequently, the effects of human activities can be separated from those associated with recent changes in rainfall. As expected, the effects of human impacts vary substantially within the watershed (Table B-1).

Table B-1. Estimate of the ratio (slope of zero intercept regression) of the observed flow during the modern period to the hypothesized flow during the modern period.

Gage Site	Low Flow	High Flow	Annual Flow
Bartow	64 percent	56 percent	58 percent
Zolfo Springs	82 percent	71 percent	74 percent
Arcadia	94 percent	88 percent	90 percent
Total Gaged Peace River	97 percent	93 percent	94 percent

When the total gaged flow into Charlotte Harbor is considered, recent changes in rainfall account for 94 percent of the variation in annual streamflow. For the Peace River at the Arcadia gage (which accounts for approximately 50 percent of the total watershed), recent changes in rainfall account for 90 percent of the variation in annual streamflow. However, recent changes in rainfall account for only 74 and 58 percent of the variation in annual streamflow for the Peace River at Zolfo Springs and Bartow, respectively. Thus, human impacts appear to account for no more than 6 percent of the historic reductions in annual streamflow in the Peace River at its mouth, but up to more than 40 percent of the historic reduction in the headwaters near Bartow.

Additionally, Flannery and Barcelo (1998) examined temporal variation in changes in median monthly streamflow values at various locations in the Peace and Myakka Rivers. Results were analyzed with a Seasonal Kendall test (Table B-2).

Table B-2. Slope of trends for streamflow at long-term gaging sites in the Peace and Myakka Rivers. All periods extend through 1996. First Year refers to first complete year of streamflow data. "neg." = declining trend, "pos." = increasing trend, "sig." = statistically significant at $p < 0.10$, "n.s." = not statistically significant.

Gage Site	First Year	1951	1965	1975
Bartow	1940 - neg. (sig.)	neg. (sig.)	neg. (n.s.)	pos. (n.s.)
Zolfo Springs	1934 - neg. (sig.)	neg. (sig.)	neg. (n.s.)	pos. (n.s.)
Arcadia	1932 - neg. (n.s.)	neg. (sig.)	neg. (n.s.)	pos. (n.s.)
Total Gaged Peace River	1965		neg. (n.s.)	pos. (n.s.)
Myakka River	1937 - pos. (sig.)	pos. (n.s.)	pos. (n.s.)	pos. (sig.)

For the total gaged portion of the Peace River, there was a positive but not significant trend in flow between 1975 and 1996, and a negative but not significant trend in flow between 1965 and 1996. At the Arcadia gage, there was a positive but not significant trend in flow between 1975 and 1996 and a negative but not significant trend in flow between 1965 and 1996. Also at the Arcadia gage, there was a negative and significant trend in flow between 1951 and 1996, and a negative but not significant trend in flow between 1932 and 1996.

At the Zolfo Springs gage, there was a positive but not significant trend in flow between 1975 and 1996 and a negative but not significant trend in flow between 1965 and 1996. There were negative and significant trends in flows between 1951 and 1996 and also between 1934 and 1996.

For the Peace River at Bartow, there was a positive but not significant trend in flow between 1975 and 1996 and a negative but not significant trend in flow between 1965 and 1996. Also at the Bartow gage, there were negative and significant trends in flows between 1951 and 1996 and also between 1940 and 1996.

In general, the Peace River has experienced historical reductions in streamflow in the Upper Peace River, but trends have been positive or neutral during the past 30 years. In addition, recent changes in rainfall cannot account for approximately 25 to 40 percent of these historical reductions. In the middle reaches of the river, near Arcadia, the Peace River has experienced significant reductions in streamflow, but trends have been positive or neutral during the past 30 years. In this portion of the river, recent changes in rainfall fail to account for approximately 10 percent of these historical changes. And in the Lower Peace River, streamflow trends have been positive or neutral during the past 30 years. In this portion of the river, recent changes in rainfall account for all but 6 percent of the change in streamflow, which itself is not significantly different than that from 30 years ago.

In the Myakka River, Flannery and Barcelo (1998) found significant positive trends in streamflow during the entire period of record for the gage at Myakka River State Park. Increased streamflow is most evident in the dry season (Coastal Environmental 1998). Increased streamflow could not be explained by changes in rainfall. Instead, offsite movement of irrigation waters generated by increased acreage of citrus, row crops and tomato fields is believed to be responsible. The elevated water levels and/or extended hydroperiods associated with this phenomenon are viewed as the most likely cause of a dramatic die-off of wetland and upland trees in the Flatford Swamp, a hardwood swamp in the upper reaches of the Myakka River.

Water Quality Degradation

Status and Trends in Water Quality

As outlined in the Charlotte Harbor SWIM Plan (1993), concentrations of phosphorus in the Peace River and Charlotte Harbor are considerably higher than the median value for Florida estuaries (FDEP 1994). Also, nitrogen concentrations and chlorophyll a values can be higher than median values for both streams and estuaries.

Although many assessments of water quality have been performed over the years (e.g., McPherson and Miller 1987, Hammett 1990, Fraser 1991, SWFWMD 1993, Coastal Environmental 1995 b , 1996), the most recent assessment is by Morrison et al. (1998). In this study, the authors reported on the status and trends in water quality collected in Charlotte Harbor and the Peace and Myakka Rivers during the period 1976 to 1996. Trophic state index values were determined using data from the District's ongoing Harbor-wide water quality monitoring program, although the data set examined did not include 1997 and 1998 events. Trophic state indices (TSI's) were within the "good" range (using FDEP's 1994 protocol) in all parts of the Harbor itself, with the best water quality found in the lower portions of the Harbor. Values from stations located within the estuarine portions of the Peace and Myakka Rivers were in the "fair" range. No locations had TSI values in the "poor" range, although the Peace River at U.S. 41 was oftentimes not too distant from that category.

In the Myakka River, Morrison et al. (1998) reported no significant trends in near-surface concentrations for nitrate plus nitrite, phosphorus, and chlorophyll a, but a positive and significant trend for ammonia concentrations. In the Peace River, Morrison et al. (1998) reported no significant trends in near-surface concentrations for nitrate plus nitrite, but a positive and significant trend for ammonia concentrations. Phosphorus concentrations declined significantly in the Peace River, as has been reported previously. Chlorophyll a concentrations in the Peace River either declined significantly or exhibited no trend, depending on location.

In the open waters of Charlotte Harbor, Coastal Environmental (1996) compiled data from a variety of water quality monitoring programs to assess whether any clear trends in water quality could be identified (Table B-3). Data presented here are from surface samples only, for more detail see Coastal Environmental (1996).

Table B-3. Results of parametric trend analyses performed by Coastal Environmental (1996). "Dry" season = October to May, "Wet" season = June to September, "significant" = statistically significant at $p < 0.05$.

Parameter	Season	Trend
Total Phosphorus	Dry	negative (significant)
	Wet	negative (significant)
Total Kjeldahl Nitrogen	Dry	not significant
	Wet	not significant
Dissolved Oxygen	Dry	negative (significant)
	Wet	negative (significant)
Salinity	Dry	negative (significant)
	Wet	negative (significant)
Chlorophyll a	Dry	not significant
	Wet	not significant

For nutrients, total phosphorus concentrations exhibited trends of significant declines in Charlotte Harbor during 1976 to 1996. In contrast, there were no significant trends in Total Kjeldahl Nitrogen concentrations. Chlorophyll a concentrations, an indicator of phytoplankton biomass, displayed no trend over time.

Salinity showed a significant trend of decreasing values during 1976 to 1996, which matches the finding of positive trends in streamflow in the Lower Peace River during the same time period (see Table B-2). However, differences in the timing of sampling events (i.e., tidal stage) between different programs could complicate the interpretation of salinity data sets.

Dissolved oxygen values declined significantly during 1976 to 1996. The decrease in dissolved oxygen concentrations may be related to the increased trend for ammonia concentrations in the Peace and Myakka Rivers, as ammonia levels typically increase with the onset of stratification-driven lags in dissolved oxygen concentrations (Morrison et al. 1998). The declining trend in dissolved oxygen values could be associated with increasing occurrences of stratification-driven hypoxia. Hypoxic conditions in Charlotte Harbor are driven by high freshwater inflow from the Peace and Myakka Rivers, which isolate saltier, oxygen-poor waters on the bottom of Charlotte Harbor from the fresher, oxygen-rich waters coming in during periods of high freshwater inflow (Camp, Dresser & McKee, Inc. 1998). However, there was no apparent trend in the number of months with hypoxic conditions during the period 1975 to 1989 (Camp, Dresser & McKee, Inc. 1998).

Pollutant Loading Models

At least two pollutant loading models have been developed for Charlotte Harbor. The first effort (Hammett 1990) developed loading estimates based on measured flows and measured nutrient concentrations at various gage locations in the Peace and Myakka Rivers, and by extrapolating these relationships to those portions of the watershed that are ungaged. At the time of this report, there were approximately 63 industrial point source discharges in the Peace River watershed and 25 domestic discharges.

The second pollutant loading model for Charlotte Harbor was produced by Coastal Environmental (1995 b). This effort used similar techniques as Hammett (1990). Non-point pollutant loads were estimated by three methods: 1) where flows and water quality were known, loads were calculated as flows multiplied by concentrations, 2) where flows were known but not water quality, loads were calculated as flows multiplied by literature-derived runoff concentrations, and 3) where neither flows nor water quality were known, both flows and loads were modeled with best available data. At the time of this report, there were approximately 46 industrial point source discharges in the Peace River watershed and 22 domestic discharges.

Hammett (1990) attempted to determine nutrient loads expected to occur in the year 2020, and Coastal Environmental (1995 b) attempted to determine nutrient loads expected to occur in the year 2010. Hammett (1990) expected nitrogen loads to increase by approximately 3.00 tons per day and phosphorus loads to increase by approximately 0.65 tons per day, while Coastal Environmental (1995 b), expected nitrogen loads to increase

by approximately 0.41 tons per day and phosphorus loads to increase by approximately 1.64 tons per day.

Thus, Coastal Environmental (1995 b) estimated that nitrogen load increases in the future would not be nearly as severe as those predicted by Hammett (1990), although phosphorus load increases would be more substantial than those predicted by Hammett (1990). Differences between the two scenarios can be mostly attributed to different techniques.

Hammett (1990) based the 3.00 tons per day increase in nitrogen loads mostly on increased nitrogen loads from wastewater treatment plants. With an expected population increase of 500,000 people, it was expected that this increase would result in an increased wastewater flow of approximately 60 million gallons per day (i.e., 500,000 X 120 mgd = 60 mgd; Hammett 1990). If the wastewater produced by this increase in population was treated to "typical" secondary treatment levels (i.e., 12 mg/l TN and 2.6 mg/l TP), and this effluent was directly discharged into Charlotte Harbor or its tributaries, the increase in wastewater loads would account for the 3.00 tons per day increase in nitrogen loads and 0.65 tons per day increase in phosphorus loads.

Fortunately, this scenario might not occur, if results from more recent efforts are accurate. First, only 5 of the 22 domestic point source discharges documented by Coastal Environmental (1995 b) discharged directly into surface waters (1993 data from FDEP). Second, the volume of wastewater generated per person is more likely to be in the range of 75 to 90 gpd, not 125 gpd (Heyl 1992).

Coastal Environmental (1995 b) attempted to differentiate between the pollutant loads generated by differing methods of effluent disposal. Vegetation uptake and linked nitrification-denitrification processes can remove substantial amounts of nitrogen and phosphorus in effluent (i.e., Heyl 1992, Coastal Environmental 1995 b). Also, increased reuse of treated effluent and/or improvements in nutrient removal efficiencies of wastewater treatment plants can reduce the impact of future nutrient loads associated with increased population. For example, both Tampa Bay and Sarasota Bay are demonstrably cleaner than 10 or 20 years ago, with much greater seagrass coverage, despite substantial increases in population size and wastewater effluent volumes (i.e., Johansson and Ries 1997, Tomasko and Ries 1997).

The higher future phosphorus loads predicted by Coastal Environmental (1995 b) were predicted to occur mostly as a function of increased nonpoint source loads associated with increased urbanization of the watershed.

Pollutant Load Reduction Goals

To produce an ecologically-useful pollutant load reduction goal for Charlotte Harbor "Proper", relationships must be developed between the quantity of pollutants (e.g., nitrogen) delivered to the Harbor and some adverse impact to a biological resource. In Tampa Bay and Sarasota Bay, nitrogen load reduction goals were based on the inverse

relationship between nitrogen loads and seagrass health (Johansson and Ries 1997, Tomasko et al. 1996).

In Charlotte Harbor "Proper," the development of a resource-based PLRG has been more problematic. After examining the relationships between nitrogen loads and eutrophication indicators (i.e., chlorophyll a concentrations and TSI values) through the use of both empirical and mechanistic modeling techniques, Pribble et al. (1997) found no direct relationship between nutrient loads and any indicators of eutrophication in Charlotte Harbor.

In addition, and in contrast to both Tampa Bay and Sarasota Bay, Tomasko and Hall (1999) found that seagrass meadows did not appear to be useful "bio-indicators" of anthropogenic influences on water quality in Charlotte Harbor. Instead, productivity and biomass of the seagrass *Thalassia testudinum* varied mostly as a function of water temperature, salinity and water clarity, which themselves varied mostly as a function of season, rainfall and freshwater inflow.

Subsequently, the Charlotte Harbor SWIM Advisory Committee agreed to pursue a resource-based PLRG based on detecting trends, if any, in organic loading to the sediments in Charlotte Harbor. The hypoxia study performed by Camp, Dresser & McKee, Inc. (1998) concluded that while high freshwater inflow and resultant stratification of the water column were necessary conditions for hypoxia to occur, they were not, by themselves, *sufficient* to explain hypoxia. That is, there must be a source of potentially oxidizable organic material in the bottom waters and/or sediment to allow hypoxic conditions to develop. Based on measurements made of biological oxygen demand (BOD) of the water column and sediment oxygen demand (SOD), it was determined that both the water column and the bottom sediments had the ability to drop oxygen values down to hypoxic conditions within a matter of days in Charlotte Harbor. Continuous recording of water quality parameters within Charlotte Harbor indicate dissolved oxygen levels in the bottom waters can change from 100 percent saturation to hypoxic conditions in less than two days (Camp, Dresser & McKee, 1998).

Based on these findings, the District has contracted with faculty and staff from Louisiana State University (LSU) to conduct a study to try and reconstruct historic trends in hypoxia in Charlotte Harbor, based on determining the status and trends in organic loading to bottom sediments. The initial field work was completed in summer 1998, and a final report is expected by Spring of 2001.

Three possible conclusions appear possible, as relates to the LSU project: 1) present organic loads are higher than in the past, suggesting that hypoxic conditions might occur faster, over a larger area, and last longer than in the past, 2) present organic loads are lower than in the past, suggesting that hypoxic conditions might occur more slowly, over a smaller area, and not last as long as in the past, and 3) present organic loads are roughly the same as in the past, suggesting no real change has occurred as relates to hypoxia. Hopefully, the results of this study can be used to develop an ecologically relevant PLRG for Charlotte Harbor "Proper".

In addition, the SWIM Program will continue to coordinate its efforts on PLRG development with both the Charlotte Harbor NEP and FDEP's efforts to develop Total Maximum Daily Loads (TMDL's) for Charlotte Harbor. A potentially useful course of action being promoted by both the Charlotte Harbor NEP and FDEP staff is to investigate the possibility of developing PLRG's for various regions of the Charlotte Harbor ecosystem, such as the Upper Peace River, Charlotte Harbor "Proper" and Lemon Bay, as examples.

Habitat Loss

Upland Habitats

The Charlotte Harbor watershed contains a mixture of warm-temperate and subtropical communities. The upland communities include scattered areas of scrub, abundant pine flatwoods and numerous seasonal wetlands. Much of these areas has been altered for mining, agricultural land and urban development. Phosphate mining has occurred in the Upper Peace River watershed since before the turn of the century, and agriculture has been a large part of the local economy for as long as phosphate mining. In general, the lower portions of the Peace and Myakka River watershed have historically been dominated by cattle ranching (Charlotte Harbor NEP 1998). In the post-World War II years, much of this rangeland was subdivided and platted for residential development. Communities such as Port Charlotte, North Port and Punta Gorda have developed in this manner.

Table B-4 summarizes the land use categories found in the Peace and Myakka River watersheds, using SWFWMD mapping data from 1990. In general, both the Peace and Myakka River watersheds are mostly undeveloped or not intensively developed. The combination of upland and forested areas, pasture land, and wetlands and open water areas accounts for more than 70 percent of the Peace River watershed and more than 90 percent of the Myakka River watershed. Moderately to extremely developed land use types (the remainder of land use types) account for nearly 30 percent of the Peace River watershed and less than 9 percent of the Myakka River watershed.

Table B-4. Land use types in the Peace and Myakka River watersheds. Data are from Coastal Environmental (1995 b) developed from 1990 photography obtained from SWFWMD.

Land Use Type	Peace River Watershed (%)	Myakka River Watershed (%)
Uplands/Forested/Pasture	52.0	69.6
Wetlands/Open Water	18.4	21.7
Citrus/Row Crops/Dairy	13.7	6.6
Mining	9.7	0.3
Residential	4.5	1.7
Commercial/Industrial	1.7	0.1

The biggest differences in land use types between the Peace and Myakka River watersheds involve the greater degree of uplands/forests and pasture land in the Myakka River watershed, the greater degree of phosphate mining in the Peace River watershed,

and the greater degree of residential and commercial development in the Peace River watershed.

Streamside Vegetation

An important part of assessing the health of Charlotte Harbor is determining the status and trends, if any, in the distribution of streamside vegetation. The Florida Marine Research Institute (FMRI) was contracted to develop GIS-based maps to determine if there were any significant changes in streamside vegetation in the oligohaline reaches of the Peace and Myakka Rivers. The report (FMRI 1998) examined aerial photography for the lower reaches of the Peace and Myakka Rivers for the years 1950, 1970, 1985, 1990 and 1994. Both color infrared and black and white photography were used, and scales varied between 1:24,000 to 1:40,000. Images were photointerpreted, delineated, classified, and then groundtruthed using 1994 photography and field investigations. Subsequently, delimited areas were scanned using ARC/INFO software and compared over time.

In both the Peace and Myakka Rivers, open water areas increased between 1950 and 1994 (5 and 10 percent, respectively), due to the development of residential housing in finger-fill canals in the lower reaches of both rivers. Marsh vegetation decreased by 520 acres (22 percent decline) along the lower Peace River between 1950 and 1994, with most of the decrease occurring between 1950 and 1970 (370 acres, or 71 percent of the total loss). Most of this loss of marsh habitat was due to change into uplands, bottomland hardwoods and mixed hardwoods.

Marsh vegetation decreased by 190 acres (18 percent decline) along the lower Myakka River between 1950 and 1994, with most of the decrease occurring between 1950 and 1970 (160 acres, or 84 percent of the total loss). Most of this loss of marsh habitat was due to change into uplands, mixed hardwoods and mangroves. Mangrove acreage in the lower Peace River declined from 780 to 700 acres between 1950 and 1994, with 100 percent of this loss occurring between 1950 and 1970. In the lower Myakka River, mangrove acreage in 1994 (111 acres) was higher than that reported for 1950 (100 acres).

Another major source of information on the status and trends in streamside vegetation in the Peace River is available from the monitoring program required as part of the water use permit for the Manasota/Peace River Water Supply Plant in Fort Ogden. At regular intervals, personnel travel the length of the lower Peace River, noting the distribution limits of various species of trees and herbaceous vegetation. Using a map developed for the purposes of this assessment, monitoring personnel note the location (miles upstream from the U.S. 41 bridge) of the most upstream and/or downstream populations of these indicator species.

Tables B-5 and B-6 represent results for the most downstream location of freshwater species, and the most upstream location of estuarine species, respectively, for the years 1977, 1988, 1995 and 1997.

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Table B-5. Farthest downstream location (miles upstream of U.S. 41 bridge) of populations of freshwater species.

Species	1977	1988	1995	1997
Laurel Oak	11 - 12	11 - 12	11 - 12	9 - 10
Carolina Ash	10 - 11	10	11 - 12	11 - 12
Red Maple	10	9 - 10	9 - 10	9 - 10
Bald Cypress	9 - 10	8 - 9	8 - 9	8 - 9
Sawgrass	6	5 - 6	7 - 8	5 - 6
Bullrush	5	4 - 5	4 - 5	4 - 5
Cattails	5	2 - 3	5 - 6	4 - 5

Table B-6. Farthest upstream location (miles upstream of U.S. 41 bridge) of populations of estuarine species.

Species	1977	1988	1995	1997
White Mangrove	8 - 9	7 - 8	7 - 8	8 - 9
Red Mangrove	8 - 9	9 - 10	8 - 9	9
Black Needle Rush	9	10 - 11	8 - 9	8 - 9

The data presented in Tables B-5 and B-6 suggest that there has been no clear trend of upstream of downstream migration of streamside vegetation during the past 20 years. Herbaceous freshwater vegetation appears to be more variable in its distribution than is the case for woody freshwater species. Most of the herbaceous freshwater species listed in Table B-5 suggest, if anything, that their furthest downstream distributions might have actually extended closer to the Harbor during the past 20 years. The farthest upstream location of estuarine species (Table B-6) suggests little overall change in distribution patterns over the past 20 years, but substantial inter-annual variability.

Both data sets suggest a dynamic, but non-trending distribution of vegetative communities over the past 20 years. As such, the widespread replacement of freshwater marsh vegetation by estuarine communities that occurred concurrent with large reductions in freshwater inflow in the San Francisco Bay area (San Francisco Estuary Project 1993) has seemingly not occurred in Charlotte Harbor.

Seagrass Meadows

The District has been mapping seagrass distribution in Charlotte Harbor (exclusive of Pine Island Sound and Matlacha Pass) since 1988. Previous work by Harris et al. (1983)

documented an approximately 30 percent decline in seagrass coverage in Charlotte Harbor during the period 1950 to 1982. However, both 1950 and 1982 estimates were determined without the benefit of groundtruthing. In addition, the Harris et al. (1983) report included Pine Island Sound and Matlacha Pass. As approximately 57 percent of the seagrass loss reported by Harris et al. (1983) occurred in southern Pine Island Sound, the amount of decline in seagrass coverage in Charlotte Harbor "proper" is not clear. However, when comparing Harris et al. (1983) estimates for the USGS quadrangles of El Jobean, Punta Gorda, Punta Gorda SW, Punta Gorda SE and Placida, 1982 estimates (12,554 acres) are approximately 23 percent lower than 1945 estimates (16,261 acres) from these same areas.

Since 1988, the District's ongoing mapping activities, which are conducted with associated groundtruthing and a consistent methodology, suggest a more optimistic scenario for seagrass coverage in Charlotte Harbor (Table B-7).

Table B-7. Seagrass coverage (acres) in Charlotte Harbor (not including Pine Island Sound and Matlacha Pass).

Year	1982	1988	1992	1994	1996
Acreage	18,207	18,432	17,832	18,550	19,225

Overall, the mapping efforts suggest that seagrass coverage in Charlotte Harbor has increased by approximately 6 percent between 1982 and 1996. However, coverage remains quite variable, with a loss of 600 acres between 1988 and 1992, and a subsequent gain of 718 acres between 1992 and 1994. Tomasko and Hall (1999) suggest that seagrass coverage in Charlotte Harbor varies mostly as a function of water temperature, salinity and water clarity, which themselves vary mostly as a function of season, rainfall and freshwater inflow. As such, the continued use of this long-term monitoring program is needed to ensure that short-term increases or decreases in seagrass coverage do not cause undue optimism or pessimism about the state of Charlotte Harbor's seagrass resources.

APPENDIX C - EXPANSION OF GEOGRAPHIC BOUNDARIES

At present, the geographic boundaries of the 1993 Charlotte Harbor SWIM Plan do not include the watersheds and receiving waters of Dona and Roberts Bays (Coastal Venice Basin) or Lemon Bay. However, these systems are included within the boundaries of the Charlotte Harbor NEP (Figure C-1). Consequently, District SWIM activities do not cover (at present) the same area as Charlotte Harbor NEP activities. Although the Charlotte Harbor NEP's geographic boundaries also include areas under the jurisdiction of the South Florida Water Management District (i.e., Pine Island Sound, Matlacha Pass, Caloosahatchee River, etc.), the dissimilar geographic boundaries of those areas defined as the "Charlotte Harbor Basin" which lie within the Southwest Florida Water Management District's jurisdiction has led to an inadequate understanding of the ecology and nutrient sensitivity of the Charlotte Harbor ecosystem.

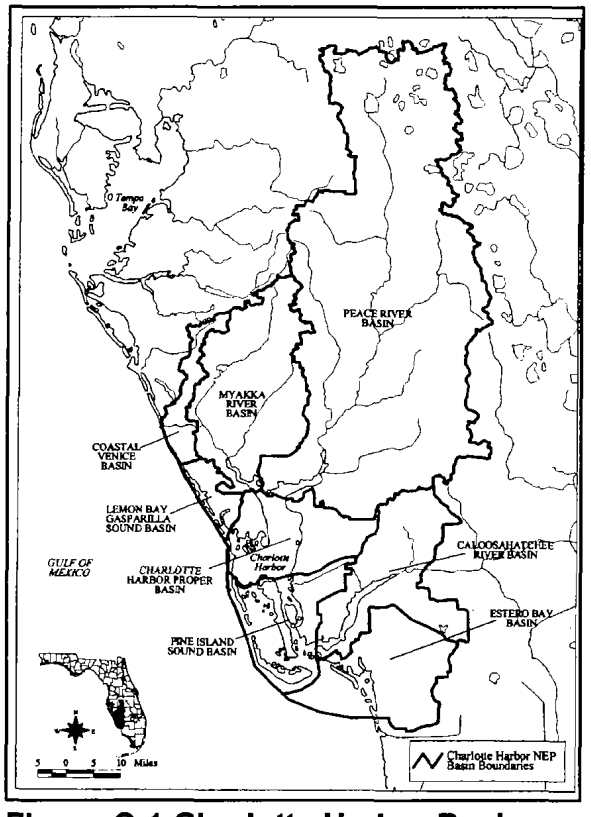

Figure C-1 Charlotte Harbor Basin Boundaries (from CHNEP)

Additionally, both Lemon Bay and the Dona and Roberts Bays systems are hydrologically linked to the boundaries of "Charlotte Harbor" originally outlined in the 1993 SWIM Plan.

Lemon Bay is hydrologically connected with Gasparilla Sound at its southern boundary, and is connected with the Dona and Roberts Bays system at its northern boundary. In addition, the Cape Haze Peninsula is divided between watersheds of the coastal Charlotte Harbor Basin (southern and eastern region) and the Lemon Bay watershed (northern and western region). The Dona and Roberts Bays system is hydrologically connected to the Myakka River through the "Blackburn Canal," which functions to reduce downstream flooding in the lower Myakka River by diverting a portion of high water flows out of the Myakka River and into Roberts Bay via Curry Creek.

Lemon Bay

While the District (in coordination with FDEP staff) has a monthly water quality monitoring program for Charlotte Harbor proper, there is no long-term program for Lemon Bay. Preliminary results from an ongoing assessment of seagrass health and water quality in Lemon Bay suggest that Lemon Bay is likely to experience a significant loss of seagrass coverage as the watershed continues to be developed. At present, chlorophyll a levels in Lemon Bay tend to be higher than in nearby Sarasota Bay. In addition, while seagrass coverage appears to be increasing in Sarasota Bay in recent years (due to reductions in

point source nitrogen loads) and variable but non-trending in Charlotte Harbor, Lemon Bay appears to be losing seagrass coverage (Tomasko et al., in review).

An expanded coverage of the Charlotte Harbor SWIM Plan to include Lemon Bay would allow for additional efforts to be spent on Lemon Bay, such as the continuation of ongoing water quality monitoring efforts and the potential development of a PLRG for the watershed. These efforts would allow the SWIM Program to better manage the entirety of the Charlotte Harbor ecosystem.

Dona and Roberts Bays (Coastal Venice Basin)

The last substantial effort focusing on the environmental problems associated with Dona and Roberts Bays was undertaken by Mote Marine Laboratory in the 1970's. In general, the major impacts to Dona and Roberts Bays appear to be the hardening of the shoreline due to urban development and the dramatic increase in freshwater inflows into this system from the enlargement (in the 1960's) of the watershed of Cow Pen Slough and its conversion into a drainage feature for agricultural lands. While little work has been conducted in this location, Dona and Roberts Bays would be ideal candidates for further investigating the impacts of hydrologic alterations on the health of its associated estuarine habitats.

An expanded coverage of the Charlotte Harbor SWIM Plan management boundaries to include Dona and Roberts Bays (Coastal Venice Basin) would allow for additional efforts to be spent on these systems, such as the potential development of a pollutant loading model for the watershed and a more detailed investigation of the potential remedies for dealing with issues of excessive freshwater inflow from Cow Pen Slough. The efforts are needed, in order to adequately manage the entirety of the Charlotte Harbor ecosystem.

APPENDIX D - GOVERNANCE WITHIN THE CHARLOTTE HARBOR BASIN

Five levels of government are involved in resource management and regulatory activities within the Sarasota Bay Basin. These include single purpose local governments (i.e. independent taxing districts), general purpose local governments (i.e. cities and counties), regional agencies (i.e. SWFWMD and the Southwest and Central Florida Regional Planning Councils), as well as state and federal agencies.

1. Local Governments

1. Charlotte County

Charlotte County, established in 1921, has an estimated (1995) population of 127,646 and a land area of 690 square miles. It is served by two general purpose local governments, the Charlotte County Board of County Commissioners and the City of Punta Gorda.

b. Sarasota County

Sarasota County, established in 1921, has an estimated (1995) population of 301,528 and a land area of 573 square miles. It contains five general purpose local governments [the Board of County Commissioners, the City of Sarasota, the City of Venice, the City of North Port, and the Town of Longboat Key, which is shared with Manatee County]. With the exception of the City of Sarasota and the Town of Longboat Key, the above-mentioned entities have jurisdiction within the Charlotte Harbor SWIM Plan area.

c. Polk County

Polk County, established in 1861, has an estimated (1990) population of 405,382 and a land area of 2,010 square miles. The county is served by seventeen general purpose local governments: the Board of County Commissioners, and the towns of Bartow, Davenport, Eagle Lake, Lake Wales, Fort Meade, Frostproof, Haines City, Highland Park, Lake Alfred, Lake Hamilton, Auburndale, Lakeland, Mulberry, Polk City and Winter Haven.

d. DeSoto County

DeSoto County has an estimated (1990) population of 25,400 and a land area of 639 square miles. The county is served by a Board of County Commissioners and the town of Arcadia.

e. Hardee County

Hardee County, created in 1887, has an estimated (1990) population of 20,000 and a land area of 630 square miles. The county is served by a

Board of County Commissioners, and contains the towns of Bowling Green, Wauchula and Zolfo Springs.

f. Manatee County

Manatee County has an estimated (1995) population of 223,508 and a surface area of 747 square miles. It is served by a Board of County Commissioners and contains the city of Bradenton and several smaller towns and municipalities. The City of Bradenton is not located within the watershed of Charlotte Harbor.

2. Sub-state Agencies

Four sub-state agencies exist that would be involved in the implementation of the SWIM plan. These are the West Coast Inland Navigation District, the Southwest Florida Regional Planning Council, the Central Florida Regional Planning Council, the South Florida Water Management District and the Southwest Florida Water Management District.

The West Coast Inland Navigation District includes the intracoastal waterway of Sarasota and Charlotte Counties. It is the local sponsor for the maintenance activities of the waterways, and has been the local sponsor for inlet and pass maintenance programs for navigation purposes.

The Southwest Florida Regional Planning Council is the Regional Planning Agency designated in Section 186.505 of the Florida Statutes. It performs the responsibilities described in that section and the Regional Planning Agency roles assigned in Section 380.05, F.S. (Resource Planning Committees, DRI reviews and Ch. 163, Local Plan Reviews), for Charlotte and Sarasota Counties.

The Central Florida Regional Planning Council performs these duties for Polk, DeSoto and Hardee Counties, and the Tampa Bay Regional Planning Council performs these duties for Manatee County.

The Southwest Florida Water Management District is responsible for performing duties assigned under Ch. 373, F.S., as well as duties delegated through DEP for Chs. 253 and 403, F.S., and for local plan review (Ch. 163, F.S.). It performs those duties for an area that includes all the above-listed, as well as the cities contained within these two counties.

3. State Agencies

Many state agencies are involved in environmental regulation and resource management in the Charlotte Harbor watershed and estuary. The Florida Department of Environmental Protection (FDEP) is the leading agency in the protection and management of Charlotte Harbor, through the activities listed above. Other relevant entities include the Florida Department of Community Affairs, the Florida Fish and Wildlife Conservation Commission, the Marine Fisheries Commission, Florida Department of Agriculture and Consumer

Services, Florida Department of Health, Florida Sea Grant Program, and the Florida Department of Transportation.

a. Department of Agriculture and Consumer Services

This department regulates the purchase and use of restricted pesticides and assists in resource management through the activities of the Soil and Water Conservation Districts and the Division of Forestry.

b. Department of Community Affairs

This department is responsible for reviewing local comprehensive plans and has jurisdiction over developments of regional impact (DRI's). DRI investigations are concerned with proposed developments which have the potential to affect the health, safety, or welfare of citizens of more than one county.

c. Department of Environmental Protection

The Department of Environmental Protection, itself a result of the merger of the old Department of Environmental Regulation and the Department of Natural Resources, is the lead state agency involved in water quality, pollution control, and resource recovery programs. The department sets state water quality standards and has permit jurisdiction over point and nonpoint source discharges, certain dredge and fill activities, drinking water systems, power plant siting, and many construction activities conducted within waters of the state. The Water Resources Restoration and Preservation Section is responsible for waterbody restoration programs in Florida, in conjunction with the U.S. EPA. The department also interacts closely with other federal and state agencies on water-related matters.

The department is the primary reviewer of SWIM plans and is responsible for the disbursement of monies from the SWIM Trust Fund to the water management districts.

The Department is also highly involved in the management of estuarine resources, primarily through the divisions of Law Enforcement, Marine Resources, Resource Management, and State Lands.

The Department, through its Division of Law Enforcement's Marine Patrol, serves as an enforcement agency for the Florida Endangered and Threatened Species Act and the Oil Spill Prevention and Pollution Control Act. The Florida Marine Patrol also enforces state motorboat laws and the saltwater fisheries regulations of the Marine Fisheries Commission.

The Division of Marine Resources contains the Shellfish Environmental Assessment Section (SEAS). The SEAS classifies and determines the opening and closure of shellfish harvesting areas.

The Division of State lands oversees the management of state lands, including state parks such as Myakka River State Park.

The Department's Bureau of Geology reviews leasing requests involving nearshore and state waters. The Bureau of Beaches and Shores oversees beach renourishment activities.

d. Florida Fish and Wildlife Conservation Commission

The purpose of this newly-formed Commission is to manage, protect, and conserve wild animal life and freshwater aquatic life. Its efforts within the SWIM plan area primarily involve freshwater sport and commercial fishing, fisheries and habitat management, fish stocking, fisheries research, wildlife monitoring, enforcement of fisheries/wildlife regulations, listed species protection, wildlife research, development review, and regional planning.

The Commission is directed to review SWIM plans to determine if the plan has adverse effects on wild animal life and fresh water aquatic life and their habitats.

e. Marine Fisheries Commission

The Marine Fisheries Commission manages marine fish species (excluding endangered or threatened species) by regulating their harvesting. The Commission's jurisdiction covers the following areas: a) gear specifications, b) prohibited gear, c) bag limits, d) size limits, e) species that may not be sold, f) protected species, g) closed areas, h) quality control codes, i) harvesting seasons, j) special considerations related to egg-bearing females, and k) oyster and clam relaying. The MFC is required to make annual recommendations to the Governor and Cabinet regarding marine fisheries research priorities.

f. Department of Health

The Department of Health and Rehabilitative Services is responsible for the permitting of septic systems and other on-site disposal systems (OSDS's) through its county health departments. It also coordinates mosquito control programs.

g. Department of Transportation

The Department of Transportation's Project Development and Environmental Offices in Bartow assist in the design, review, and permitting and mitigation of impacts associated with road and right-of-way projects in the Charlotte Harbor region.

h. Florida Sea Grant Program

The Florida Sea Grant Program is supported by awards from the Office of Sea Grant (National Oceanic and Atmospheric Administration) under provisions of the National Sea Grant College and Programs Act of 1966. The Florida Sea Grant Program has three major components: applied marine research, education, and advisory services (through local marine extension agents).

Florida Sea Grant provides scientific research and habitat-related information that is useful in the management of Charlotte Harbor's natural resources.

4. Federal Agencies

Federal jurisdiction in Charlotte Harbor involves the regulatory responsibilities of the U.S. Army Corps of Engineers, the U.S. Environmental Protection Agency, the U.S. Coast Guard, the U.S. Fish and Wildlife Service, and the U.S. Department of Interior. Their main regulatory functions include overseeing dredge and fill activities, maintaining navigability of the waters of the United States, overseeing cleanups following pollution spills, protecting endangered species, protecting overall environmental quality, and managing offshore activities. These agencies, in conjunction with the U.S. Geological Survey and the National Oceanic and Atmospheric Administration, also contribute to the collection of technical data concerning Charlotte Harbor and its watershed.

a. U.S. Environmental Protection Agency

The U.S. Environmental Protection Agency is the primary federal agency responsible for water quality protection. The agency oversees hazardous waste cleanups, protection of public drinking water systems, all point source pollutant discharges into waters of the United States (National Pollutant Discharge Elimination System permits), and the protection and restoration of surface and groundwater. The agency also reviews Corps of Engineers permit activities, sets minimum quality standards, and sets guidelines for state environmental programs. EPA also funds sewerage facilities studies through the SWFRPC and the TBRPC, and system improvements through the Florida Department of Environmental Protection.

The EPA's greatest presence in Charlotte Harbor is through its National Estuary Program, established under Section 320 of the Clean Water Act. Charlotte Harbor was selected for inclusion in the National Estuary Program in 1995.

The CHNEP has produced two major documents needed for the preservation and restoration of Charlotte Harbor. These documents include: Synthesis of Existing Information (April 1999), Long Term Monitoring Strategy and Gap Analysis (February 2000), and the Comprehensive Conservation and Management Plan (Volumes I and II, November 1999). The Synthesis of Existing Information was designed to be a primer on general problems, as well as a blueprint for establishing the research and restoration goals for the Harbor. After developing and reviewing a variety of proposed management options through a serious of public workshops and committee meetings, a course of action was finalized for the restoration and preservation of Charlotte Harbor. This document, the Comprehensive Conservation and Management Plan (CCMP), is the final work product specified by the original agreement. At present, the CHNEP is actively involved in the process of coordinating the implementation of the actions called for in the CCMP, as well as fostering relationships between various governmental bodies for facilitating restoration and protection projects. Since its inception in 1995, the Charlotte Harbor NEP has been, and will continue to be, the primary organization charged with overseeing efforts to preserve and enhance the health of Charlotte Harbor and its watershed. The SWIM Program will continue to coordinate its technical studies and restoration projects with the Charlotte Harbor NEP, as it has during the development of the Charlotte Harbor NEP's CCMP.

b. U.S. Army Corps of Engineers

The U.S. Army Corps of Engineers is concerned with all activities which affect navigable waters of the United States, particularly those involving construction of structures and dredging and filling in navigable waters. The Corps is also involved in permitting the placement of dredge and fill material into navigable waters and adjacent wetlands, and in funding aquatic plant control in navigable and public waters.

c. U.S. Coast Guard

The U.S. Coast Guard is the primary federal agency entrusted with marine law enforcement. The Guard's mission also includes hazardous materials cleanups, search and rescue, buoy replacement, vessel safety inspection, and right-of-way clearance on navigable waterways.

d. U.S. Department of Commerce

Within the department, the National Oceanic and Atmospheric Administration, which includes the National Weather Service and the National Hurricane Center, is a scientific and data collection agency which assimilates oceanographic and meteorological information in the form of maps, charts, interpretive reports, and other documents. The National Marine Fisheries Service administers NOAA's program to manage living marine resources for commercial and recreational use. It supports fisheries management operations, international fisheries affairs, fishery development, trade, and industry assistance activities, habitat conservation activities, and scientific and technical aspects of NOAA's marine fisheries resources programs.

e. U.S. Department of Interior

The primary water-related functions performed by this agency involve the review of proposed activities which may impact threatened or endangered species, review of U.S. Army Corps of Engineers permits for potential effects on fish and wildlife, and management of all federally-owned public lands. Within the department, the U.S. Geological Survey conducts investigations concerning hydrology, hydrogeology, water use, and ground and surface water quality. The U.S. Fish and Wildlife Service manages and restores fish and wildlife populations and conducts research on the effects of pollution on those resources. The National Park Service maintains federal parks and sanctuaries, regulating multiple uses on these lands to achieve a balance of benefits for both man and wildlife. The department also oversees those requests and offshore activities associated with exploration and development on the outer continental shelf.

APPENDIX E - LITERATURE CITED

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APPENDIX F - POINT AND NON-POINT (NPDES) DISCHARGES WITHIN THE CHARLOTTE HARBOR BASIN

The attached spreadsheet output is a list of FDEP-permitted point and non-point (NPDES) discharges within the watersheds of the Peace and Myakka Rivers, as well as the coastal Charlotte Harbor drainage basin and the watersheds of Dona and Roberts Bays and Lemon Bay. This list does not include discharges within the watershed of the Caloosahatchee River or the watersheds for Pine Island Sound and Matlacha Pass. This list was compiled by staff of FDEP's Southwest District Office in Tampa, and special thanks are due to Mr. Charles Kovach.

WAFR_FACIL	FACILITY_I	SITE_ID	NAME	FACILITY	STATUS	CAPACITY	NPDES	DESCRIPTION	METHOD	WAFR_SITE
11837	FL0039055	MWD-10714	CITY OF PUNTA GORDA WWTP	A	A	3.2000	Y	MW-10	UNVR	10714
11837	FL0039055	MWB-10721	CITY OF PUNTA GORDA WWTP	A	A	3.2000	Y	MW-9	UNVR	10721
11837	FL0039055	MWD-10724	CITY OF PUNTA GORDA WWTP	A	A	3.2000	Y	MW-3	UNVR	10724
12962	FLA012962	EFF-14778	PADGETT ESTATES	A	A	0.0500	N	STP EFFLUENT	UNVR	14778
12962	FLA012962	MWA-14782	PADGETT ESTATES	A	C	0.0500	N	NORTHWEST MONITOR WELL	UNVR	14782
12968	FLA012968	MWC-14803	WAVERLY WWTP	A	A	0.1300	N	MONITOR WELL #2	UNVR	14803
12968	FLA012968	MWB-14804	WAVERLY WWTP	A	A	0.1300	N	MONITOR WELL #1	UNVR	14804
13114	FLA013114	R-001	PARAKEET MHP	A	A	0.0150	N	STP EFFLUENT	UNVR	15256
13193	FL0001902	EFF-15989	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	MONITOR WELL #3 ONE TIME ANALYSIS	UNVR	15989
13193	FL0001902	MWD-16005	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	FI05 Intermediate Compliance	UNVR	16005
13193	FL0001902	MWD-16007	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	FG03 Surficial Compliance	UNVR	16007
13193	FL0001902	MWA-16016	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	FG10 Surficial Observation	UNVR	16016
13231	FL0037958	MWD-16272	CARGILL FERTILIZER INC. - SOUTH FT. MEAD	A	A		Y	SA-12S COMPLIANCE	UNVR	16272
12975	FLA012975	MWB-14863	LAKE ALFRED CITY OF	A	A	0.6000	N	MW-1A	UNVR	14863
13247	FLA013247	MWD-16308	IMC-AGRICO COMPANY - P21 PHOSPHOGYPSUM S	A	A		N	MONITOR WELL #5	UNVR	16308
13247	FLA013247	MWD-16311	IMC-AGRICO COMPANY - P21 PHOSPHOGYPSUM S	A	A		N	MONITOR WELL #2	UNVR	16311
11991	FLA119911	EFF-11246	BOWLING GREEN STP	A	A	0.3200	N	EFF FINAL EFFLUENT SAMPLE POINT	UNVR	11246
11988	FLA011988	EFF-01	G. PIERCE WOOD MEMORIAL HOSTITAL WWTP	A	A	0.2000	N	EFF-01-11229 FINAL EFFLUENT, AFTER DISI	UNVR	11229
13323	FLA013323	EFF-16451	CHALET SUZANNE FOODS, INC.	A	A	0.0240	N	CHALET SUZANNE FOODS INC	UNVR	16451
14046	FL0040291	MWA-19881	CHARLOTTE COUNTY UTILITIES-EASTPORT WWTP	A	A	10.0000	Y	MW - 1 (SHALLOW 1422 - 1494 FT)	UNVR	19881
14046	FL0040291	MWD-19886	CHARLOTTE COUNTY UTILITIES-EASTPORT WWTP	A	A	10.0000	Y	MW-1 (111) (EP-9)	UNVR	19886
14046	FL0040291	MWB-19887	CHARLOTTE COUNTY UTILITIES-EASTPORT WWTP	A	A	10.0000	Y	WELL G (BACKGROUND) (#106) (EP-5)	UNVR	19887
13049	FLA013049	EFA-01	BONNY SHORES MHP	A	A	0.0250	N	EFA-01 EFFLUENT-AFTER CHLORINATION, PRIO	UNVR	15126
12265	FL0034657	MWA-12374	CORONET INDUSTRIES, INC.	A	A		Y	MON. WELL NO. 10A	UNVR	12374
12265	FL0034657	MWA-12379	CORONET INDUSTRIES, INC.	A	A		Y	(NEW) MW-10, SURFICIAL	UNVR	12379
12265	FL0034657	MWA-12389	CORONET INDUSTRIES, INC.	A	C		Y	WELL AEM-2	UNVR	12389
12979	FL0021466	MWA-14909	AUBURNDALE ALLRED WWTP	A	A	1.4000	Y	MONITOR WELL DER-#1	UNVR	14909
13102	FLA013102	EFA-15226	SWISS VILLAGE MHP	A	A	0.1410	N	EFA- EFFLUENT SAMPLE POINT IMMEDIATELY A	UNVR	15226
13102	FLA013102	MWD-15227	SWISS VILLAGE MHP	A	A	0.1410	N	MW-3	UNVR	15227
13213	FL0001589	EFF-16175	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	OUTFALL 001	UNVR	16175
13213	FL0001589	EFF-16188	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	C		Y	DISCHARGE 003	UNVR	16188
13292	FLA132926	EFF-16436	EWELL INDUSTRIES,INC.	A	A		N	OUTFALL 001 POND NO.2	UNVR	16436
12016	FL0040177	MWA-SA-23	CF INDUSTRIES, INC. - HARDEE COMPLEX II	A	A		Y	WELL NUMBER SA-23	UNVR	11375
11956	FLA011956	EFF-01	OAK VIEW MHP WWTP	A	A	0.0200	N	EFF FINAL EFFLUENT SAMPLE POINT	UNVR	11134
11957	FLA011957	EFF-01	CRAIG'S RV RESORT WWTP	A	A	0.0400	N	EFF-01 FINAL EFLUENT SAMPLE POINT	UNVR	11140
11987	FLA011987	MWI-11221	DESOTO CORRECTIONAL INSTITUTION	A	A	0.5000	N	MONITOR WELL #4	UNVR	11221
12004	FL0035271	EFF-11291	CF INDUSTRIES, INC. - HARDEE COMPLEX I,	A	C		Y	C F MINING CORP SEWAGE TREATMENT.	UNVR	11291

12969	FLA012969	MWD-14823	CENTRAL REGIONAL WWTP	A	A	1.1000	N	MONITOR WELL #1(COMPLIANCE)	UNVR	14823
13014	FLA013014	EFF-15029	MAY GROVE MHP	A	A	0.0220	N	MAYGROVE MOBILE HOME PARK	UNVR	15029
13098	FLA013098	R-001	GARDEN VILLAGE MHP	A	A	0.0100	N	STP EFFLUENT	UNVR	15216
13142	FLA013142	SWD-7	ALCOA ALUMINA & CHEMICALS, L.L.C.	A	A		N	SURFACE WATER STATION #7 (QUARTERLY)	UNVR	15412
13142	FLA013142	SWD-5	ALCOA ALUMINA & CHEMICALS, L.L.C.	A	A		N	SURFACE WATER STATION #5 (QUARTERLY)	UNVR	15414
13150	FLA013150	MWI-2A	DUNDEE CITRUS GROWERS ASSOCIATION	A	A		N	MW-2A (INTERMEDIATE)	UNVR	15591
13150	FLA013150	MWC-1A	DUNDEE CITRUS GROWERS ASSOCIATION	A	A		N	MW-1A (COMPLIANCE)	UNVR	15592
13150	FLA013150	MWC-3	DUNDEE CITRUS GROWERS ASSOCIATION	A	A		N	MW-3 (COMPLIANCE)	UNVR	15593
13186	FLA013186	MWB-1	FRUITPACK INTERNATIONAL, INC. (FORMERLY	A	A	7.0000	N	Background Well No. 1	UNVR	15917
13202	FLA132021	MWB-16093	CUSTOM CHEMICALS CORPORATION (FORMERLY W	A	A		N	MONITOR WELL #1A	UNVR	16093
13215	FLA013215	EFF-16204	PASCO PROCESSING, LLC (FORMERLY ORANGE-C	A	C		N	ORANGE COUNTY SPRAYFIELD (INACTIVE)	UNVR	16204
13215	FLA013215	MWA-16216	PASCO PROCESSING, LLC (FORMERLY ORANGE-C	A	A		N	BACKGROUND WELL NO.3	UNVR	16216
13252	FLA013252	MWC-1	HUNT BROTHERS COOPERATIVE, INC.	A	A		N	Compliance well	UNVR	16331
12974	FL0021849	MWC-14845	WINTER HAVEN #2 CITY OF (CONINE PLANT)	A	A	1.7000	Y	MW-3 (CITRUS GROVE/CEMETERY)	UNVR	14845
12986	FL0026301	MWA-14948	LAKELAND MCINTOSH PLANT	A	C		Y	SHALLOW WELL 'B'	UNVR	14948
13003	FLA013003	EFA-01	CAMP'N AIRE CAMPGROUND WWTF	A	A	0.0127	N	EFA-01-15002 AFTER DISINFECTION AND PR	UNVR	15002
13073	FLA013073	EFF-15166	PARADISE ISLAND RVP	A	A	0.0114	N	STP EFFLUENT	UNVR	15166
13273	FLA013273	MWB-1	THE FLORIDA BREWERY, INC.	A	A	0.0330	N	MWB-1 (Background)	UNVR	16415
12943	FLA012943	EFA-01	HERITAGE PLACE	A	A	0.0600	N	EFA-01 AFTER DISINFECTION, AND PRIOR TO	UNVR	14719
11952	FL0027511	EFA-01	WILLIAM TYSON WWTP	A	A	2.0000	Y	EFA FINAL EFFLUENT SAMPLE POINT REUSE	UNVR	11113
11952	FL0027511	MWC-04	WILLIAM TYSON WWTP	A	A	2.0000	Y	MW-4 GOLF COURSE	UNVR	11114
11952	FL0027511	MWD-11121	WILLIAM TYSON WWTP	A	A	2.0000	Y	M-2	UNVR	11121
12978	FL0036048	MWD-14898	WINTER HAVEN #3 WAHNETA	A	A	5.0000	Y	MONITOR WELL S-7	UNVR	14898
13137	FL0027600	EFF-15360	IMC-AGRICO COMPANY - FT. GREEN MINE	A	A		Y	(NEW) EFFLUENT FROM OUTFALL 001	UNVR	15360
13174	FL0003051	MWA-15800	FLORIDA DISTILLERS CO.-AUBURNDALE	A	A	2.6000	Y	MW-J1C BACKGROUND	UNVR	15800
13268	FLA013268	EFF-16405	VIGORO IND.,INC.-KAISER/ESTECH DIV.	A	A		N	DISCHARGE POINT NO.1	UNVR	16405
14519	FLA014519	EFF-21377	THREE OAKS WWTF	A	A	0.7500	N	EFFLUENT VILLAGES AT COUNTRY CREEK	UNVR	21377
12022	FLA012022	MWC-6	HARDEE COUNTY CORRECTIONAL	A	A	0.2120	N	MW-6 MONITOR WELL COMPLIANCE	UNVR	11389
11969	FLA011969	EFF-01	LIVE OAK R.V. RESORT	A	A	0.0400	N	EFF EFFLUENT SAMPLE POINT	UNVR	11174
12001	FLA012001	EFF-11274	WAGON WHEEL RV PARK	A	A	0.0250	N	WWTP EFFLUENT SAMPLE POINT	UNVR	11274
13103	FLA013103	MWD-15232	SWISS GOLF CLUB	A	A	0.1760	N	MONITOR WELL MW-3	UNVR	15232
13105	FLA013105	EFA-15240	WOODLAND LAKES MHP	A	A	0.0350	N	STP EFFLUENT	UNVR	15240
13175	FLA013175	MWB-15823	JUICE BOWL PRODUCTS INC	A	A		N	MW-6	UNVR	15823
13242	FLA013242	MWA-16290	INDIAN RIVER TRANSPORT, INC.	A	A		N	MONITOR WELL B	UNVR	16290
13242	FLA013242	MWA-16291	INDIAN RIVER TRANSPORT, INC.	A	A		N	MONITOR WELL A	UNVR	16291
13242	FLA013242	MWA-16292	INDIAN RIVER TRANSPORT, INC.	A	A		N	MONITOR WELL #5	UNVR	16292
14522	FLA014522	EFF-1	BRIARCREST SUBDIVISION	A	A		N	BRIARCREST SUBDIVISION Effluent to Drain	UNVR	21387
11837	FL0039055	EFF-10712	CITY OF PUNTA GORDA WWTP	A	A	3.2000	Y	CITY OF PUNTA GORDA W. W. M. F.	UNVR	10712

11951	FLA011951	EFF-11111	NOCATEE ELEMENTARY SCHOOL WWTP	A	A	0.0150	N	EFF FINAL EFFLUENT, AFTER DISINFECTION	UNVR	11111
11990	FLA119903	MWC-11241	ZOLFO SPRINGS WWTP	A	A	0.2000	N	MW-4 MONITOR WELL COMPLIANCE R001	UNVR	11241
11990	FLA119903	MWB-11244	ZOLFO SPRINGS WWTP	A	A	0.2000	N	MW-1 MONITOR WELL BACKGROUND R001	UNVR	11244
13178	FLA013178	MWA-15858	GOLDEN GEM LAKE GARFIELD	A	A		N	WELL DOWNSTREAM	UNVR	15858
13193	FL0001902	EFF-15988	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	MONITOR WELL #4 ONE TIME ANALYSIS	UNVR	15988
13193	FL0001902	MWA-16017	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	FG11 Surficial Observation	UNVR	16017
13231	FL0037958	EFF-16254	CARGILL FERTILIZER INC. - SOUTH FT. MEAD	A	A		Y	RECIRCULATION-CS-1 CS-2	UNVR	16254
13231	FL0037958	MWS-16264	CARGILL FERTILIZER INC. - SOUTH FT. MEAD	A	A		Y	SA-19 BACKGROUND	UNVR	16264
13231	FL0037958	MWD-SA20	CARGILL FERTILIZER INC. - SOUTH FT. MEAD	A	A		Y	SA-20 COMPLIANCE	UNVR	16270
13250	FLA013250	MWB-16325	CUTRALE CITRUS JUICES (FORMERLY COCA COL	A	A	2.0000	N	MW-1B (FGG)	UNVR	16325
12975	FLA012975	MWD-14858	LAKE ALFRED CITY OF	A	A	0.6000	N	MW-5	UNVR	14858
13042	FLA013042	EFA-01	LAKE REGION YACHT & COUNTRY CLUB	A	A	0.0100	N	EFA01 - AFTER DISINFECTION AND PRIOR TO	UNVR	15111
13065	FLA013065	EFA-01	DELL LAKE VILLAGE MHP	A	A	0.0400	N	EFA-01-15155 AFTER DISINFECTION AND PRI	UNVR	15155
13120	FLA013120	EFA-01	HAPPY DAYS MHP	A	A	0.0500	N	EFFLUENT-AFTER CHLORINATION, PRIOR TO LA	UNVR	15272
12006	FLA012006	MWA-11298	FLORIDA FENCE POST CO.	A	A		N	MONITOR WELL MW-2 (INTERMEDIATE)	UNVR	11298
13035	FLA013035	EFA-15094	VANGUARD SCHOOL	A	A	0.0250	N	STP EFFLUENT	UNVR	15094
14046	FL0040291	EFF-19878	CHARLOTTE COUNTY UTILITIES-EASTPORT WWTP	A	A	10.0000	Y	GWMP EFFLUENT ANALYSIS	UNVR	19878
14046	FL0040291	MWA-19890	CHARLOTTE COUNTY UTILITIES-EASTPORT WWTP	A	A	10.0000	Y	WELL A (INTERMEDIATE) (#100) (EP-2)	UNVR	19890
12265	FL0034657	EFF-12363	CORONET INDUSTRIES, INC.	A	A		Y	(NEW) OUTFALL 003	UNVR	12363
12265	FL0034657	EFF-12364	CORONET INDUSTRIES, INC.	A	A		Y	(NEW) OUTFALL 002	UNVR	12364
12265	FL0034657	EFF-12367	CORONET INDUSTRIES, INC.	A	A		Y	MW-11 1-TIME ANALYSIS, SURFICIAL	UNVR	12367
12265	FL0034657	EFF-12368	CORONET INDUSTRIES, INC.	A	C		Y	DISCHARGE 005	UNVR	12368
12979	FL0021466	EFF-14905	AUBURNDALE ALLRED WWTP	A	A	1.4000	Y	STP EFFLUENT	UNVR	14905
12979	FL0021466	MWA-14907	AUBURNDALE ALLRED WWTP	A	A	1.4000	Y	MONITOR WELL DER-#3	UNVR	14907
12982	FL0039772	EFD-01	W. CARL DICKS WATER RECLAMATION FACILITY	A	A	13.7000	Y	LAKELAND ARTIFICIAL WETLAND	UNVR	14919
12004	FL0035271	OUT-02	CF INDUSTRIES, INC. - HARDEE COMPLEX I,	A	A		Y	DISCHARGE 002	UNVR	11289
11961	FLA011961	R-001	BIG TREE OF ARCADIA	A	A	0.0400	N	WWTP EFFLUENT, AT COMBINED TRAIN OUTFALL	UNVR	11154
11962	FLA011962	EFF-01	LITTLE WILLIES RV PARK	A	A	0.0400	N	EFF EFFLUENT SAMPLE POINT	UNVR	11157
11987	FLA011987	MWC-11217	DESOTO CORRECTIONAL INSTITUTION	A	A	0.5000	N	MW-7	UNVR	11217
12969	FLA012969	MWD-14807	CENTRAL REGIONAL WWTP	A	A	1.1000	N	MONITOR WELL #10	UNVR	14807
12969	FLA012969	MWB-14811	CENTRAL REGIONAL WWTP	A	A	1.1000	N	SG-4	UNVR	14811
13087	FLA013087	R-001	VILLAGE WATER LTD	A	A	0.0400	N	STP EFFLUENT (SITE NO. 15196)	UNVR	15196
13135	FL0000370	MWB-1	IMC-AGRICO COMPANY - SOUTH PIERCE CHEMIC	A	A		Y	MW #1	UNVR	15347
13136	FL0000353	EFF-15352	IMC-AGRICO COMPANY - PAYNE CREEK MINE	A	C		Y	DISCHARGE 001	UNVR	15352
13142	FLA013142	SWD-2	ALCOA ALUMINA & CHEMICALS, L.L.C.	A	A		N	SURFACE WATER STATION #2 (QUARTERLY)	UNVR	15417
13142	FLA013142	MWC-10	ALCOA ALUMINA & CHEMICALS, L.L.C.	A	A		N	Compliance Monitor Well	UNVR	15422
13186	FLA013186	G-001	FRUITPACK INTERNATIONAL, INC. (FORMERLY	A	A	7.0000	N	groundwater monitor system	UNVR	15912
13252	FLA013252	EFF-1	HUNT BROTHERS COOPERATIVE, INC.	A	A		N	DETENTION POND EFFLUENT	UNVR	16329

14094	FL0042412	EFF-20075	RIVERS EDGE INC	A	A	0.0170	Y	UPSTREAM SAMPLING STATION	UNVR	20075
11044	FLA011044	EFF-1	MINERVA MHP WWTF	A	A	0.0100	N	ELAPSED TIME METERS ON LIFT STATION	UNVR	6641
12007	FLA012007	MWC-11309	MANCINI PACKING COMPANY	A	A	0.2880	N	MONITOR WELL #4	UNVR	11309
12974	FL0021849	MWC-14851	WINTER HAVEN #2 CITY OF (CONINE PLANT)	A	A	1.7000	Y	MW-5 (WILLOWBROOK G.C.)	UNVR	14851
12986	FL0026301	EFF-14940	LAKELAND MCINTOSH PLANT	A	C		Y	PERC/EVAP POND	UNVR	14940
12986	FL0026301	MWA-14946	LAKELAND MCINTOSH PLANT	A	C		Y	SHALLOW WELL 'C'	UNVR	14946
12986	FL0026301	MWA-14951	LAKELAND MCINTOSH PLANT	A	C		Y	SHALLOW WELL 'A'	UNVR	14951
13028	FLA013028	EFA-01	CUTRALE CITRUS JUICES USA, INC.	A	A	0.0250	N	AFTER DISINFECTION, PRIOR TO DISCHARGE T	UNVR	15081
13093	FLA013093	EFF-15204	CAREFREE RV COUNTRY CLUB	A	A	0.0750	N	STP EFFLUENT	UNVR	15204
13130	FL0002801	EFF-15299	SFE CITRUS PROCESSORS	A	A	2.1000	Y	DISCHARGE 001 (CW)	UNVR	15299
13138	FL0131385	D-001	POLK NURSERY COMPANY,INC.	A	A		Y	Outfall 001	UNVR	15368
13255	FLA013255	MWD-16351	MITCO WATER LABORATORIES, INC.	A	A		N	MW-1	UNVR	16351
13266	FLA013266	EFF-16392	PEMBROKE MATERIALS	A	A		N	STORMWATER POND 1	UNVR	16392
11952	FL0027511	MWD-11120	WILLIAM TYSON WWTP	A	A	2.0000	Y	M-3	UNVR	11120
12008	FLA012008	R-001	V & W FARMS, INC.	A	A	0.1440	N	EFFLUENT TO SPRAYFIELD	UNVR	11310
12008	FLA012008	MWA-11313	V & W FARMS, INC.	A	A	0.1440	N	MONITOR WELL MW-4L (COMPLIANCE)	UNVR	11313
12008	FLA012008	MWA-11316	V & W FARMS, INC.	A	A	0.1440	N	MONITOR WELL MW-1L (BACKGROUND)	UNVR	11316
12978	FL0036048	MWB-14900	WINTER HAVEN #3 WAHNETA	A	A	5.0000	Y	MONITOR WELL S-4	UNVR	14900
12978	FL0036048	MWD-14902	WINTER HAVEN #3 WAHNETA	A	A	5.0000	Y	MONITOR WELL S-2	UNVR	14902
13047	FLA013047	R-001	EVERGREEN MHP WWTF	A	A	0.0260	N	STP EFFLUENT	UNVR	15120
13174	FL0003051	EFF-15792	FLORIDA DISTILLERS CO.-AUBURNDALE	A	A	2.6000	Y	OUTFALL 002A (UPSTREAM)	UNVR	15792
13174	FL0003051	EFF-15795	FLORIDA DISTILLERS CO.-AUBURNDALE	A	A	2.6000	Y	OUTFALL 002	UNVR	15795
13174	FL0003051	MWC-15803	FLORIDA DISTILLERS CO.-AUBURNDALE	A	A	2.6000	Y	MW-J3 (Compliance)	UNVR	15803
13174	FL0003051	MWB-15807	FLORIDA DISTILLERS CO.-AUBURNDALE	A	A	2.6000	Y	MONITOR WELL SW-#1	UNVR	15807
14103	FL0035378	EFF-20123	CHARLOTTE HARBOR WATER ASSOC	A	A	0.1500	Y	CHARLOTTE HARBOR WATER ASSOCIATION	UNVR	20123
14103	FL0035378	EFF-20125	CHARLOTTE HARBOR WATER ASSOC	A	A	0.1500	Y	DISCHARGE TO CANAL	UNVR	20125
14103	FL0035378	MWA-20127	CHARLOTTE HARBOR WATER ASSOC	A	A	0.1500	Y	WELL #3 (EAST OF POND AREA).	UNVR	20127
13061	FLA013061	EFA-01	C.F.C PROPERTIES	A	A	0.0150	N	EFA-01 AFTER DISINFECTION, PRIOR TO DIS	UNVR	15151
13143	FL0001201	EFF-15446	BARTOW HOLDING COMPANY, INC. (FORMERLY C	A	C	0.0002	Y	UNKNOWN-EFFLUENT	UNVR	15446
13163	FL0029017	EFF-15684	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	SAMPLE POINT 002	UNVR	15684
13163	FL0029017	EFF-15686	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	EFFLUENT POND/EAST SIDE SPRAYFIELD	UNVR	15686
13163	FL0029017	EFF-15687	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	AMBIENT WATER QUALITY LAKE SWOPE	UNVR	15687
13175	FLA013175	EFF-15812	JUICE BOWL PRODUCTS INC	A	C		N	STATION #13	UNVR	15812
13175	FLA013175	EFF-15814	JUICE BOWL PRODUCTS INC	A	C		N	STATION #12	UNVR	15814
13175	FLA013175	MWS-15822	JUICE BOWL PRODUCTS INC	A	A		N	MW-7A	UNVR	15822
11996	FLA011996	EFF-01	LITTLE CHARLIE CREEK RV PARK	A	A	0.0500	N	EFF FINAL EFFLUENT SAMPLE POINT	UNVR	11258
12958	FLA012958	EFA-01	OSCAR J POPE ELEMENTARY SCHOOL WWTP	A	A	0.0080	N	EFA-01 AFTER DISINFECTION, PRIOR TO DISC	UNVR	14768
13175	FLA013175	EFF-15811	JUICE BOWL PRODUCTS INC	A	C		N	STATION #4	UNVR	15811

13211	FL0001961	EFF-16151	U.S. AGRI-CHEMICALS CORPORATION - BARTOW	A	A		Y	MONITOR WELL #6 1-TIME ANALYSIS	UNVR	16151
13211	FL0001961	MWD-16159	U.S. AGRI-CHEMICALS CORPORATION - BARTOW	A	A		Y	MONITOR WELL #6	UNVR	16159
13242	FLA013242	MWD-16294	INDIAN RIVER TRANSPORT, INC.	A	A		N	MONITOR WELL #2	UNVR	16294
11837	FL0039055	MWD-10713	CITY OF PUNTA GORDA WWTP	A	A	3.2000	Y	MW-11	UNVR	10713
11837	FL0039055	MWA-10715	CITY OF PUNTA GORDA WWTP	A	A	3.2000	Y	MW-7	UNVR	10715
11837	FL0039055	MWA-10722	CITY OF PUNTA GORDA WWTP	A	A	3.2000	Y	MW-8	UNVR	10722
11966	FLA011966	R-001	RIVER OAKS RV PARK WWTP	A	A	0.0300	N	STP EFFLUENT	UNVR	11168
11990	FLA119903	MWB-11243	ZOLFO SPRINGS WWTP	A	A	0.2000	N	MW-2 MONITOR WELL BACKGROUND R001	UNVR	11243
12962	FLA012962	MWA-14781	PADGETT ESTATES	A	C	0.0500	N	SOUTHWEST MONITOR WELL	UNVR	14781
13178	FLA013178	EFF-15853	GOLDEN GEM LAKE GARFIELD	A	A		N	EFFLUENT DISCHARGE TO LAND APPL SITE	UNVR	15853
13178	FLA013178	MWA-15857	GOLDEN GEM LAKE GARFIELD	A	A		N	MW-1 BACKGROUND IN WEST PASTURE	UNVR	15857
13178	FLA013178	MWA-15859	GOLDEN GEM LAKE GARFIELD	A	A		N	WELL UPSTREAM	UNVR	15859
13193	FL0001902	MWB-16009	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	FG01 Surficial Background	UNVR	16009
13201	FLA013201	PER-1	WAVERLY GROWERS COOPERATIVE	A	A		N	Influent to pond	UNVR	16077
13231	FL0037958	EFF-16256	CARGILL FERTILIZER INC. - SOUTH FT. MEAD	A	A		Y	MOBIL SFM MINE, SP. DISCHARGE 001	UNVR	16256
13231	FL0037958	MWD-SA16S	CARGILL FERTILIZER INC. - SOUTH FT. MEAD	A	A		Y	SA-16S COMPLIANCE	UNVR	16261
13231	FL0037958	MWD-16271	CARGILL FERTILIZER INC. - SOUTH FT. MEAD	A	A		Y	SA-12D COMPLIANCE	UNVR	16271
13250	FLA013250	MWI-16323	CUTRALE CITRUS JUICES (FORMERLY COCA COL	A	A	2.0000	N	MW-2I (FGG)	UNVR	16323
11953	FLA011953	EFF-01	SUNRISE MHP WWTP	A	A	0.0150	N	AFTER DISINFECTION AND PRIOR TO DISCHARG	UNVR	11126
12975	FLA012975	MWB-14862	LAKE ALFRED CITY OF	A	A	0.6000	N	MW-1B	UNVR	14862
13247	FLA013247	MWD-16310	IMC-AGRICO COMPANY - P21 PHOSPHOGYPSUM S	A	A		N	MONITOR WELL #3	UNVR	16310
14115	FLA014115	MWA-20174	RAMPART UTILITIES	A	A		N	MW-5 (INTERMEDIATE)	UNVR	20174
14115	FLA014115	MWA-20175	RAMPART UTILITIES	A	A		N	MW-4 (INTERMEDIATE)	UNVR	20175
11963	FLA011963	EFF-11160	ARCADIA VILLAGE PHASE I WWTP	A	A	0.0300	N	FINAL EFFLUENT, AFTER DISINFECTION AT OU	UNVR	11160
11988	FLA011988	MWC-11230	G. PIERCE WOOD MEMORIAL HOSTITAL WWTP	A	A	0.2000	N	GW-5 COMPLIANCE MON WELL	UNVR	11230
11988	FLA011988	MWB-11234	G. PIERCE WOOD MEMORIAL HOSTITAL WWTP	A	A	0.2000	N	GW-1 BACKGROUND MON WELL	UNVR	11234
12006	FLA012006	MWA-11296	FLORIDA FENCE POST CO.	A	A		N	MONITOR WELL MW-4 (COMPLIANCE)	UNVR	11296
12976	FLA012976	MWD-14866	BARTOW CITY OF MAIN	A	A	4.0000	N	MW-4	UNVR	14866
12976	FLA012976	MWD-14867	BARTOW CITY OF MAIN	A	A	4.0000	N	MW-3	UNVR	14867
13190	FLA013190	MWB-1	BOX USA GROUP, INC.	A	A	0.0030	N	MW-1 (Background)	UNVR	15967
13277	FLA013277	SWA-16424	RIDGE GENERATING STATION, L.P.	A	A		N	STATION 006 (DOWNSTREAM SADDLE CREEK)	UNVR	16424
13277	FLA013277	R-001	RIDGE GENERATING STATION, L.P.	A	A		N	OUTFALL 002 (LINED POND OUTFALL)	UNVR	16428
13277	FLA013277	EFF-16429	RIDGE GENERATING STATION, L.P.	A	A		N	OUTFALL 001 (DETENTION POND OUTFALL)	UNVR	16429
14046	FL0040291	EFF-19875	CHARLOTTE COUNTY UTILITIES-EASTPORT WWTP	A	A	10.0000	Y	EW 1 INJECTION WELL	UNVR	19875
14328	FLA014328	MWD-20841	HIGHLANDS UTILITY CO. AKA WESTERN BLVD	A	A		N	MW-3 (COMPLIANCE WELL) WESTERN BLVD.WWTP	UNVR	20841
11037	FLA011037	R-001	OAK HARBOR CAMPGROUND STP	A	A	0.0340	N	SLOW RATE LAND APPLICATION-ONE SPRAYFIEL	UNVR	6611
12982	FL0039772	MWD-14926	W. CARL DICKS WATER RECLAMATION FACILITY	A	C	13.7000	Y	GOLF COURSE SW-2	UNVR	14926
12993	FLA012993	EFF-14968	GARDEN GROVE WATER CO CYPRESSWOOD	A	A	1.4000	N	STP EFFLUENT	UNVR	14968

12993	FLA012993	MWD-14973	GARDEN GROVE WATER CO CYPRESSWOOD	A	A	1.4000	N	CW-6	UNVR	14973
12993	FLA012993	MWB-14976	GARDEN GROVE WATER CO CYPRESSWOOD	A	A	1.4000	N	CW-5	UNVR	14976
12993	FLA012993	MWD-14977	GARDEN GROVE WATER CO CYPRESSWOOD	A	A	1.4000	N	MONITOR WELL #CW-4	UNVR	14977
12993	FLA012993	MWD-14979	GARDEN GROVE WATER CO CYPRESSWOOD	A	A	1.4000	N	MONITOR WELL #CW-2	UNVR	14979
13102	FLA013102	MWD-15228	SWISS VILLAGE MHP	A	A	0.1410	N	MW-2	UNVR	15228
13106	FLA013106	R-001	WARNER SOUTHERN COLLEGE WEST	A	A	0.0860	N	reuse	UNVR	15244
13213	FL0001589	EFF-16181	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	MONITOR WELL #3 1 TIME ANALYSIS	UNVR	16181
13213	FL0001589	EFF-16190	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	C		Y	NON PROCESS WASTEWATER TO DITCH	UNVR	16190
13213	FL0001589	MWB-16196	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	MONITOR WELL #3	UNVR	16196
13292	FLA132926	SWA-16435	EWELL INDUSTRIES,INC.	A	A		N	UPSTREAM STATION 002 (BACKGROUND)	UNVR	16435
14067	FLA014067	EFF-19999	BAY PALMS MOBILE HOME PARK	A	A	0.0100	N	After final treatment and before dischar	UNVR	19999
12016	FL0040177	EFF-05	CF INDUSTRIES, INC. - HARDEE COMPLEX II	A	A		Y	OUTFALL 005 TO DOE BRANCH	UNVR	11373
13100	FLA013100	EFA-01	HIGHLAND APARTMENTS	A	A	0.0300	N	EFA-01 AFTER DISINFECTION, PRIOR TO DIS	UNVR	15220
11987	FLA011987	MWC-11218	DESOTO CORRECTIONAL INSTITUTION	A	A	0.5000	N	MW-6	UNVR	11218
12003	FLA012003	EFF-11278	HARDEE POWER STATION	A	A	0.0060	N	HARDEE POWER STATION	UNVR	11278
12969	FLA012969	EFF-14806	CENTRAL REGIONAL WWTP	A	A	1.1000	N	STP EFFLUENT	UNVR	14806
12969	FLA012969	MWA-14812	CENTRAL REGIONAL WWTP	A	A	1.1000	N	SG-3	UNVR	14812
12969	FLA012969	MWD-14818	CENTRAL REGIONAL WWTP	A	A	1.1000	N	MONITOR WELL #5(COMPLIANCE)	UNVR	14818
13062	FLA013062	EFA-01	ANGLERS COVE WEST	A	A	0.0700	N	AFTER DISINFECTION AND PRIOR TO LAND APP	UNVR	15153
13142	FLA013142	SWD-3	ALCOA ALUMINA & CHEMICALS, L.L.C.	A	A		N	SURFACE WATER STATION #3 (QUARTERLY)	UNVR	15416
13142	FLA013142	MWC-12	ALCOA ALUMINA & CHEMICALS, L.L.C.	A	A		N	Compliance Monitor Well	UNVR	15420
13150	FLA013150	R-001	DUNDEE CITRUS GROWERS ASSOCIATION	A	A		N	EFFLUENT TO PERCOLATION POND	UNVR	15586
13186	FLA013186	MWC-4	FRUITPACK INTERNATIONAL, INC. (FORMERLY	A	A	7.0000	N	Compliance Well No. 4	UNVR	15914
13186	FLA013186	MWI-2	FRUITPACK INTERNATIONAL, INC. (FORMERLY	A	A	7.0000	N	Intermediate Well No. 2	UNVR	15916
13215	FLA013215	MWA-16215	PASCO PROCESSING, LLC (FORMERLY ORANGE-C	A	A		N	COMPLIANCE WELL NO.5	UNVR	16215
13260	FLA013260	MWC-6	NATIONS BANK,N.A.(FORMERLY W.G.ROE&SONS,	A	A		N	MW-6	UNVR	16369
14094	FL0042412	EFF-20074	RIVERS EDGE INC	A	A	0.0170	Y	DOWNSTREAM SAMPLING STATION	UNVR	20074
13257	FL0036412	EFF-01	IMC-AGRICO COMPANY - FOUR CORNERS MINE	A	A		Y	OUTFALL 001 - DISCHARGE TO ALDERMAN CREE	UNVR	16357
11955	FLA011955	R-001	OAK HAVEN CAMPGROUND	A	A	0.0200	N	EFF FINAL EFLUENT SAMPLE POINT	UNVR	11131
12007	FLA012007	MWC-11308	MANCINI PACKING COMPANY	A	A	0.2880	N	MONITOR WELL #3	UNVR	11308
12974	FL0021849	MWC-14853	WINTER HAVEN #2 CITY OF (CONINE PLANT)	A	A	1.7000	Y	MW-3 (WILLOWBROOK G.C.)	UNVR	14853
12986	FL0026301	EFF-14937	LAKELAND MCINTOSH PLANT	A	A		Y	OUTFALL 001	UNVR	14937
12986	FL0026301	MWA-14943	LAKELAND MCINTOSH PLANT	A	C		Y	SHALLOW WELL 'E'	UNVR	14943
12986	FL0026301	MWA-14944	LAKELAND MCINTOSH PLANT	A	C		Y	INTERMEDIATE WELL 'D'	UNVR	14944
12986	FL0026301	MWA-14949	LAKELAND MCINTOSH PLANT	A	C		Y	DEEP WELL 'A'	UNVR	14949
13130	FL0002801	EFF-15298	SFE CITRUS PROCESSORS	A	C	2.1000	Y	DISCHARGE 002 (WWTP)	UNVR	15298
13255	FLA013255	MWB-16349	MITCO WATER LABORATORIES, INC.	A	A		N	MW-B BACKGROUND	UNVR	16349
13258	FLA013258	R-001	OAKLEY TRANSPORT, INC.	A	A		N	DISCHARGE TO SPRAY FIELD (16361)	UNVR	16361

13266	FLA013266	EFF-16391	PEMBROKE MATERIALS	A	A		N	STORMWATER POND 4	UNVR	16391
14332	FLA014332	EFF-20847	REFLECTIONS ON SILVER LAKE INC	A	A	0.0850	N	REFLECTIONS ON SILVER LAKE, INC.	UNVR	20847
11952	FL0027511	MWD-11118	WILLIAM TYSON WWTP	A	A	2.0000	Y	M-5	UNVR	11118
11965	FLA011965	EFF-01	ARCADIA VILLAGE PHASE II WWTP	A	A	0.0300	N	FINAL EFFLUENT SAMPLE POINT	UNVR	11166
12008	FLA012008	MWA-11315	V & W FARMS, INC.	A	A	0.1440	N	MONITOR WELL MW-2S (BACKGROUND)	UNVR	11315
12978	FL0036048	MWD-14899	WINTER HAVEN #3 WAHNETA	A	A	5.0000	Y	MONITOR WELL X-10	UNVR	14899
13094	FLA013094	EFA-01	TEN ROCKS MHP	A	A	0.0100	N	EFA01 - AFTER DISINFECTION AND PRIOR TO	UNVR	15208
13137	FL0027600	EFF-15357	IMC-AGRICO COMPANY - FT. GREEN MINE	A	A		Y	SAND TAILINGS DISCHARGE	UNVR	15357
13161	FL0000752	MWD-15671	FARMLAND HYDRO, L.P. - GREEN BAY CHEMICA	A	A		Y	MONITOR WELL #8	UNVR	15671
13174	FL0003051	EFF-15794	FLORIDA DISTILLERS CO.-AUBURNDALE	A	A	2.6000	Y	UPSTREAM AMBIENT STATION 002A	UNVR	15794
13174	FL0003051	MWD-15806	FLORIDA DISTILLERS CO.-AUBURNDALE	A	A	2.6000	Y	MONITOR WELL SW-#2	UNVR	15806
12022	FLA012022	MWC-4	HARDEE COUNTY CORRECTIONAL	A	A	0.2120	N	MW-4 MONITOR WELL COMPLIANCE	UNVR	11392
12953	FLA012953	EFA-01	PALO ALTO WWTF	A	A	0.0400	N	AFTER DISINFECTION, AND PRIOR TO DISCHAR	UNVR	14753
13163	FL0029017	EFF-15689	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	DISCHARGE TO LAKE SWOPE (OUTFALL 002)	UNVR	15689
13163	FL0029017	MWA-15697	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	MW-5	UNVR	15697
13163	FL0029017	MWI-2	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	Intermediate Well No. 2	UNVR	15705
13175	FLA013175	EFF-15815	JUICE BOWL PRODUCTS INC	A	C		N	STATION #11	UNVR	15815
13175	FLA013175	EFF-15817	JUICE BOWL PRODUCTS INC	A	A		N	OUTFALL 001	UNVR	15817
13175	FLA013175	MWD-15818	JUICE BOWL PRODUCTS INC	A	A		N	MW-11	UNVR	15818
13175	FLA013175	MWD-15820	JUICE BOWL PRODUCTS INC	A	A		N	MW-9	UNVR	15820
13175	FLA013175	MWS-15824	JUICE BOWL PRODUCTS INC	A	A		N	MW-5A	UNVR	15824
13211	FL0001961	MWB-16164	U.S. AGRI-CHEMICALS CORPORATION - BARTOW	A	A		Y	MONITOR WELL #1 (BMW-1) UPGRADIENT	UNVR	16164
13242	FLA013242	EFF-16287	INDIAN RIVER TRANSPORT, INC.	A	A		N	TREATED EFFLUENT TO SPRAYFIELD	UNVR	16287
12982	FL0039772	MWD-14923	W. CARL DICKS WATER RECLAMATION FACILITY	A	C	13.7000	Y	GOLF COURSE SW-4	UNVR	14923
12992	FLA012992	EFA-01	ORCHID SPRINGS S/D WWTF	A	A	0.0950	N	AFTER DISINFECTION, AND PRIOR TO DISCHAR	UNVR	14965
12993	FLA012993	MWD-14975	GARDEN GROVE WATER CO CYPRESSWOOD	A	A	1.4000	N	CW-7	UNVR	14975
12993	FLA012993	MWD-14978	GARDEN GROVE WATER CO CYPRESSWOOD	A	A	1.4000	N	MONITOR WELL #CW-3	UNVR	14978
13038	FLA013038	MWA-15102	CROOKED LAKE PARK SEWERAGE COMPANY	A	C	0.0600	N	MONITORING WELL #1	UNVR	15102
13043	FLA013043	EFA-15113	PREMIER BEDDING GROUP LLC	A	A	0.0125	N	AFTER DISINFECTION PRIOR TO LAND APPLICA	UNVR	15113
13102	FLA013102	MWB-15229	SWISS VILLAGE MHP	A	A	0.1410	N	MW-1	UNVR	15229
13213	FL0001589	EFF-16182	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	MONITOR WELL #2 1 TIME ANALYSIS	UNVR	16182
13213	FL0001589	MWB-16191	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	MONITOR WELL #8	UNVR	16191
13935	FLA013935	EFF-01	PRAXAIR DISTRIBUTION SOUTHEAST ACETYLENE	A	A	0.0260	N	LIME SLURRY TO POND(S)	UNVR	19333
14060	FLA014060	MWC-19968	RIVERWOODS UTILITIES	A	A	0.4990	N	RW-3 Compliance Well for Golf Course.	UNVR	19968
12016	FL0040177	MWA-SA-22	CF INDUSTRIES, INC. - HARDEE COMPLEX II	A	A		Y	WELL NUMBER SA-22	UNVR	11376
11967	FLA011967	EFF-11170	TOBY'S PLANTATION RV RESORT WWTP	A	A	0.0400	N	EFF FINAL EFFLUENT SAMPLE POINT	UNVR	11170
11987	FLA011987	MWB-11220	DESOTO CORRECTIONAL INSTITUTION	A	A	0.5000	N	MONITOR WELL #1 (NEW)	UNVR	11220
12969	FLA012969	MWD-14813	CENTRAL REGIONAL WWTP	A	A	1.1000	N	SG-2	UNVR	14813

12969	FLA012969	MWA-14816	CENTRAL REGIONAL WWTP	A	C	1.1000	N	MONITOR WELL #3B	UNVR	14816
12969	FLA012969	MWD-14819	CENTRAL REGIONAL WWTP	A	A	1.1000	N	MONITOR WELL #4(COMPLIANCE)	UNVR	14819
12969	FLA012969	MWB-14820	CENTRAL REGIONAL WWTP	A	A	1.1000	N	MONITOR WELL #3A	UNVR	14820
13033	FLA013033	R-001	PLANTATION LANDINGS MHP	A	A	0.0800	N	STP EFFLUENT	UNVR	15091
13076	FLA013076	EFF-15172	WINTERSET SHORES ESTATES	A	A	0.0070	N	STP EFFLUENT	UNVR	15172
13260	FLA013260	R-001	NATIONS BANK,N.A.(FORMERLY W.G.ROE&SONS,	A	A		N	EFFLUENT TO PERCOLATION POND	UNVR	16367
13260	FLA013260	MWC-5	NATIONS BANK,N.A.(FORMERLY W.G.ROE&SONS,	A	A		N	MW-5	UNVR	16370
12972	FLA012972	EFA-14831	WENDELL WATSON ELEMENTARY SCHOOL	A	A	0.0150	N	EFA- AFTER DISINFECTION, PRIOR TO DISCHA	UNVR	14831
12974	FL0021849	MWC-14846	WINTER HAVEN #2 CITY OF (CONINE PLANT)	A	A	1.7000	Y	MW-2 (CITRUS GROVE/CEMETERY)	UNVR	14846
12974	FL0021849	MWC-14848	WINTER HAVEN #2 CITY OF (CONINE PLANT)	A	A	1.7000	Y	MW-8 (WILLOWBROOK G.C.)	UNVR	14848
12974	FL0021849	MWC-14855	WINTER HAVEN #2 CITY OF (CONINE PLANT)	A	A	1.7000	Y	MW-1 (WILLOWBROOK G.C.)	UNVR	14855
12986	FL0026301	EFF-14939	LAKELAND MCINTOSH PLANT	A	A		Y	EFFLUENT TO CANAL	UNVR	14939
12986	FL0026301	MWA-14942	LAKELAND MCINTOSH PLANT	A	C		Y	INTERMEDIATE WELL 'E'	UNVR	14942
13013	FLA013013	EFF-15027	LEISURE HOMES MHP	A	A	0.0100	N	STP EFFLUENT	UNVR	15027
13273	FLA013273	MWC-2	THE FLORIDA BREWERY, INC.	A	A	0.0330	N	MWC-2 (Compliance)	UNVR	16414
13095	FLA013095	EFA-01	CENTRAL LEISURE LAKE MH & RV PARK	A	A	0.0180	N	EFA-01 AFTER DISINFECTION, PRIOR TO DISC	UNVR	15210
13039	FLA013039	EFA-01	LAZY DAZY RETREAT	A	A	0.0100	N	EFA01 - AFTER DISINFECTION AND PRIOR TO	UNVR	15104
13127	FLA013127	R-001	SILVER LAKES	A	A	0.0350	N	reuse system, restricted access sprayfie	UNVR	15286
13174	FL0003051	MWA-15799	FLORIDA DISTILLERS CO.-AUBURNDALE	A	A	2.6000	Y	MW-J5-C (COMPLIANCE)	UNVR	15799
13268	FLA013268	EFF-16402	VIGORO IND.,INC.-KAISER/ESTECH DIV.	A	A		N	DISCHARGE POINT NO.4	UNVR	16402
13268	FLA013268	EFF-16404	VIGORO IND.,INC.-KAISER/ESTECH DIV.	A	A		N	DISCHARGE POINT NO.2	UNVR	16404
14103	FL0035378	EFF-20124	CHARLOTTE HARBOR WATER ASSOC	A	A	0.1500	Y	OUTER EDGE OF MIXING ZONE (25 FT.)	UNVR	20124
14103	FL0035378	EFF-20126	CHARLOTTE HARBOR WATER ASSOC	A	C	0.1500	Y	CHARLOTTE HARBOR WATER ASSN	UNVR	20126
14519	FLA014519	EFF-21375	THREE OAKS WWTF	A	A	0.7500	N	SURFACE WATER SITE THE VINES GOLF CS	UNVR	21375
12022	FLA012022	MWC-7	HARDEE COUNTY CORRECTIONAL	A	A	0.2120	N	MW-7 MONITOR WELL COMPLIANCE	UNVR	11388
13172	FL0000230	G-001	IMC-AGRICO COMPANY - NORALYN/PHOSPHORIA/	A	A		Y	NORALYN/PHOSPHORIA SAND TAILINGS DISCH	UNVR	15770
13143	FL0001201	EFF-15445	BARTOW HOLDING COMPANY, INC. (FORMERLY C	A	A	0.0002	Y	DISCHARGE 001(NON PROCESS SEASON)	UNVR	15445
13163	FL0029017	LAL-1	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	EFFLUENT TO SPRAYFIELD	UNVR	15690
13163	FL0029017	EFF-15691	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	DISCHARGE TO LAKE HAINES (OUTFALL 003)	UNVR	15691
13163	FL0029017	MWC-9	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	Compliance Well No. 9	UNVR	15693
13163	FL0029017	MWA-15699	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	MW-3	UNVR	15699
13163	FL0029017	MWA-15700	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	MW-2	UNVR	15700
13166	FL0001198	R-D01A	CARGILL FERTILIZER INC. - FT. MEADE MINE	A	A		Y	INSTREAM STATION (BACKGROUND)	UNVR	15720
13166	FL0001198	EFF-15723	CARGILL FERTILIZER INC. - FT. MEADE MINE	A	A		Y	EFFLUENT	UNVR	15723
13175	FLA013175	EFF-15809	JUICE BOWL PRODUCTS INC	A	A		N	SAMPLE POINT IN THE MARSH AREA	UNVR	15809
12986	FL0026301	MWA-14947	LAKELAND MCINTOSH PLANT	A	C		Y	INTERMEDIATE WELL 'B'	UNVR	14947
13266	FLA013266	EFF-16393	PEMBROKE MATERIALS	A	A		N	STORMWATER POND 3	UNVR	16393
11952	FL0027511	MWB-11122	WILLIAM TYSON WWTP	A	A	2.0000	Y	M-1	UNVR	11122

13161	FL0000752	MWD-2	FARMLAND HYDRO, L.P. - GREEN BAY CHEMICA	A	A		Y	MONITOR WELL #2 WAFR SITE 15675	UNVR	15675
13174	FL0003051	EFF-15791	FLORIDA DISTILLERS CO.-AUBURNDALE	A	A	2.6000	Y	OUTFALL 002B (DOWNSTREAM)	UNVR	15791
13174	FL0003051	EFF-15796	FLORIDA DISTILLERS CO.-AUBURNDALE	A	A	2.6000	Y	OUTFALL 002 INACTIVE	UNVR	15796
13174	FL0003051	EFF-15798	FLORIDA DISTILLERS CO.-AUBURNDALE	A	C	2.6000	Y	RETENTION POND 'INACTIVE'	UNVR	15798
13174	FL0003051	MWC-15802	FLORIDA DISTILLERS CO.-AUBURNDALE	A	A	2.6000	Y	MW-J4 (Compliance)	UNVR	15802
13183	FL0000311	EFF-15875	AGRIFOS, LLC - NICHOLS MINE	A	A		Y	DISCHARGE 005 - EMERGENCY OVERFLOW	UNVR	15875
14519	FLA014519	EFF-21378	THREE OAKS WWTF	A	A	0.7500	N	Effluent sample point: Sample point/poin	UNVR	21378
12022	FLA012022	MWB-1A	HARDEE COUNTY CORRECTIONAL	A	A	0.2120	N	MW-1A MONITOR WELL BACKGROUND	UNVR	11390
13103	FLA013103	EFA-01	SWISS GOLF CLUB	A	A	0.1760	N	STP EFFLUENT	UNVR	15231
13163	FL0029017	EFF-15685	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	SAMPLE POINT 001	UNVR	15685
13163	FL0029017	MWC-8	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	Compliance Well No. 8	UNVR	15694
13163	FL0029017	MWA-15701	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	MW-1	UNVR	15701
13166	FL0001198	EFF-15721	CARGILL FERTILIZER INC. - FT. MEADE MINE	A	A		Y	SAND TAILINGS DISCHARGE	UNVR	15721
13166	FL0001198	R-DOO1	CARGILL FERTILIZER INC. - FT. MEADE MINE	A	A		Y	BRYANT'S BRANCH OUTFALL 001	UNVR	15722
13211	FL0001961	EFF-16152	U.S. AGRI-CHEMICALS CORPORATION - BARTOW	A	A		Y	MONITOR WELL #5 1-TIME ANALYSIS	UNVR	16152
12968	FLA012968	MWC-14802	WAVERLY WWTP	A	A	0.1300	N	MONITOR WELL #3	UNVR	14802
13178	FLA013178	MWA-15856	GOLDEN GEM LAKE GARFIELD	A	A		N	MW-2 COMPLIANCE JUST EAST OF IMPOUNDMENT	UNVR	15856
13193	FL0001902	MWD-16006	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	FG04 Surficial Compliance	UNVR	16006
13193	FL0001902	MWC-16020	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	FI01 Intermediate Compliance	UNVR	16020
13193	FL0001902	MWC-16022	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	FI04 Intermediate Compliance	UNVR	16022
13201	FLA013201	MWC-3	WAVERLY GROWERS COOPERATIVE	A	A		N	MW-3 COMPLIANCE	UNVR	16079
13201	FLA013201	MWI-2	WAVERLY GROWERS COOPERATIVE	A	A		N	MW-2 INTERMEDIATE	UNVR	16080
13231	FL0037958	MWD-16258	CARGILL FERTILIZER INC. - SOUTH FT. MEAD	A	A		Y	SA-17 COMPLIANCE	UNVR	16258
13250	FLA013250	MWC-16317	CUTRALE CITRUS JUICES (FORMERLY COCA COL	A	A	2.0000	N	MW-5C (FGG)	UNVR	16317
13250	FLA013250	MWI-16322	CUTRALE CITRUS JUICES (FORMERLY COCA COL	A	A	2.0000	N	MW-3I (SSF)	UNVR	16322
13193	FL0001902	MWC-16021	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	FI03 Intermediate Compliance	UNVR	16021
13056	FLA013056	EFA-01	SCENIC VIEW MHP	A	A	0.0200	N	EFA-01 AFTER DISINFECTION, PRIOR TO DISC	UNVR	15140
12951	FLA012951	R-001	COMBEEWOOD WWTP	A	A	0.0620	N	AFTER DISINFECTION	UNVR	14741
12975	FLA012975	EFA-01	LAKE ALFRED CITY OF	A	A	0.6000	N	STP EFFLUENT	UNVR	14857
12975	FLA012975	MWD-14859	LAKE ALFRED CITY OF	A	A	0.6000	N	MW-4	UNVR	14859
13247	FLA013247	EFF-16306	IMC-AGRICO COMPANY - P21 PHOSPHOGYPSUM S	A	A		N	MONITOR WELL #6 1-TIME ANALYSIS	UNVR	16306
14115	FLA014115	MWB-20178	RAMPART UTILITIES	A	A		N	MW-3 (BACKGROUND)	UNVR	20178
13012	FLA013012	MWA-15023	SKYVIEW UTILITIES LTD	A	A	0.4000	N	MONITOR WELL #3	UNVR	15023
13121	FLA013121	R-001	STOLL MANOR MHP	A	A	0.0600	N	STP EFFLUENT	UNVR	15274
13124	FLA013124	EFA-01	CAMP ENDEAVOR WWTP	A	A	0.0200	N	EFFLUENT-AFTER CHLORINATION, PRIOR TO LA	UNVR	15281
13277	FLA013277	INF-16423	RIDGE GENERATING STATION, L.P.	A	A		N	PROCESS WATER TREATMENT SYSTEM	UNVR	16423
13277	FLA013277	SWA-16425	RIDGE GENERATING STATION, L.P.	A	A		N	STATION 005 (UPSTREAM SADDLE CREEK)	UNVR	16425
14046	FL0040291	MWD-19884	CHARLOTTE COUNTY UTILITIES-EASTPORT WWTP	A	A	10.0000	Y	MW-3 (109) (EP-8)	UNVR	19884

14046	FL0040291	MWA-19889	CHARLOTTE COUNTY UTILITIES-EASTPORT WWTP	A	A	10.0000	Y	WELL D (INTERMEDIATE) (#103) (EP-6)	UNVR	19889
14113	FLA014113	EFA-1	SHELL CREEK PARK CAMPGROUND	A	A		N	Effluent sample: After final treatment a	UNVR	20164
12265	FL0034657	EFF-12362	CORONET INDUSTRIES, INC.	A	A		Y	(NEW) OUTFALL 004	UNVR	12362
12265	FL0034657	MWA-12377	CORONET INDUSTRIES, INC.	A	A		Y	(NEW) MW-12, INTERMEDIATE	UNVR	12377
12265	FL0034657	MWA-12390	CORONET INDUSTRIES, INC.	A	C		Y	WELL AEM-1	UNVR	12390
12265	FL0034657	MWA-12391	CORONET INDUSTRIES, INC.	A	A		Y	GOLF COURSE DEEP WELL	UNVR	12391
12982	FL0039772	EFA-01	W. CARL DICKS WATER RECLAMATION FACILITY	A	A	13.7000	Y	STP EFFLUENT	UNVR	14920
13213	FL0001589	MWB-16192	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	MONITOR WELL #7	UNVR	16192
12004	FL0035271	OUT-03	CF INDUSTRIES, INC. - HARDEE COMPLEX I,	A	A		Y	DISCHARGE 003	UNVR	11288
11987	FLA011987	MWC-11219	DESOTO CORRECTIONAL INSTITUTION	A	A	0.5000	N	MW-5	UNVR	11219
11994	FLA011994	EFF-11252	PEACE RIVER HEIGHTS S/D	A	A	0.0400	N	EFF FINAL EFFLUENT SAMPLE POINT	UNVR	11252
12623	FLA012623	D-001	FOUR CORNERS MINE WWTP	A	A	0.0075	N	EFF-01-13221 FINAL EFFLUENT, AFTER DISIN	UNVR	13221
12955	FLA012955	EFF-01	COMBEE ELEMENTARY SCHOOL	A	A	0.0200	N	COMBEE ELEMENTARY SCHOOL	UNVR	14762
13142	FLA013142	SWD-6	ALCOA ALUMINA & CHEMICALS, L.L.C.	A	A		N	SURFACE WATER STATION #6 (QUARTERLY)	UNVR	15413
13142	FLA013142	SWD-1	ALCOA ALUMINA & CHEMICALS, L.L.C.	A	A		N	SURFACE WATER STATION #1 (QUARTERLY)	UNVR	15418
13142	FLA013142	MWC-11	ALCOA ALUMINA & CHEMICALS, L.L.C.	A	A		N	Compliance Monitor Well	UNVR	15421
13186	FLA013186	MW-3	FRUITPACK INTERNATIONAL, INC. (FORMERLY	A	A	7.0000	N	MW-3 (Water Level Only)	UNVR	15913
13215	FLA013215	R-EFF	PASCO PROCESSING, LLC (FORMERLY ORANGE-C	A	A		N	EFFLUENT TO SPRAYFIELD	UNVR	16202
13215	FLA013215	EFF-16205	PASCO PROCESSING, LLC (FORMERLY ORANGE-C	A	A		N	SPRAYFIELD INFLUENT	UNVR	16205
13215	FLA013215	EFF-16206	PASCO PROCESSING, LLC (FORMERLY ORANGE-C	A	C		N	DISCHARGE 001	UNVR	16206
13215	FLA013215	MWA-16207	PASCO PROCESSING, LLC (FORMERLY ORANGE-C	A	A		N	COMPLIANCE WELL NO.14	UNVR	16207
13215	FLA013215	MWA-16210	PASCO PROCESSING, LLC (FORMERLY ORANGE-C	A	A		N	COMPLIANCE WELL NO.10	UNVR	16210
13215	FLA013215	MWA-16211	PASCO PROCESSING, LLC (FORMERLY ORANGE-C	A	A		N	COMPLIANCE WELL NO.9	UNVR	16211
13215	FLA013215	MWA-16217	PASCO PROCESSING, LLC (FORMERLY ORANGE-C	A	A		N	COMPLIANCE WELL NO.2	UNVR	16217
13252	FLA013252	MWC-2	HUNT BROTHERS COOPERATIVE, INC.	A	A		N	Complianc well	UNVR	16332
11993	FLA011993	EFF-01	PINE CONE MHP	A	A	0.0150	N	EFF-1 FINAL EFFLUENT SAMPLE POINT	UNVR	11249
12007	FLA012007	EFF-11301	MANCINI PACKING COMPANY	A	A	0.2880	N	SPRAYFIELD AFTER SCREEN	UNVR	11301
12007	FLA012007	MWC-11307	MANCINI PACKING COMPANY	A	A	0.2880	N	MONITOR WELL #2A	UNVR	11307
12986	FL0026301	MWA-14941	LAKELAND MCINTOSH PLANT	A	C		Y	SHALLOW WELL 'F'	UNVR	14941
12986	FL0026301	MWA-14945	LAKELAND MCINTOSH PLANT	A	C		Y	SHALLOW WELL 'D'	UNVR	14945
13104	FLA013104	EFF-15236	SEMINOLE FERT. INC CHEM. COMP. SW	A	A	0.0170	N	STP EFFLUENT	UNVR	15236
13254	FL0132543	D-001	GROWERS FERTILIZER CORPORATION	A	A		Y	Monitor System	UNVR	16347
13257	FL0036412	EFF-16359	IMC-AGRICO COMPANY - FOUR CORNERS MINE	A	A		Y	INSTREAM SAMPLING POINT	UNVR	16359
14072	FLA014072	EFF-20015	PARADISE PARK CONDOMINIUM	A	A		N	PARADISE PARK CONDOMINIUM M.O.R.	UNVR	20015
12008	FLA012008	EFF-11311	V & W FARMS, INC.	A	N	0.1440	N	OUTFALL 001(END OF DITCH)	UNVR	11311
12978	FL0036048	EFF-01	WINTER HAVEN #3 WAHNETA	A	A	5.0000	Y	at flume, prior to overland flow/surface	UNVR	14897
13017	FLA013017	EFA-01	ROYAL OAKS MHP WWTF	A	A	0.0150	N	EFA-01-15052 EFFLUENT-AFTER CHLORINATIO	UNVR	15052
13067	FLA013067	EFA-01	TIKI VILLAGE RESORT	A	A	0.0200	N	EFA-01-15157 AFTER DISINFECTION, PRIOR	UNVR	15157

13137	FL0027600	EFF-15362	IMC-AGRICO COMPANY - FT. GREEN MINE	A	C		Y	EFFLUENT	UNVR	15362
13174	FL0003051	MWD-15801	FLORIDA DISTILLERS CO.-AUBURNDALE	A	A	2.6000	Y	MW-5 (COMPLIANCE)INACTIVE	UNVR	15801
13268	FLA013268	EFF-16401	VIGORO IND.,INC.-KAISER/ESTECH DIV.	A	A		N	DISCHARGE POINT NO.5	UNVR	16401
13268	FLA013268	EFF-16403	VIGORO IND.,INC.-KAISER/ESTECH DIV.	A	A		N	DISCHARGE POINT NO.3	UNVR	16403
11998	FLA011998	EFF-11266	CRYSTAL LAKE MH & RV VILLAGE	A	A	0.0420	N	STP EFFLUENT	UNVR	11266
12307	FL0000591	EFF-2	MOTIVA ENTERPRISES LLC (FORMERLY SHELL O	A	A		Y	Effluent sampling point 2	UNVR	12778
13163	FL0029017	EFF-15688	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	AMBIENT WATER QUALITY LAKE HAINES	UNVR	15688
13166	FL0001198	R-DOO2	CARGILL FERTILIZER INC. - FT. MEADE MINE	A	A		Y	EFFLUENT TO WHIDDEN CREEK	UNVR	15724
13175	FLA013175	MWB-15821	JUICE BOWL PRODUCTS INC	A	A		N	MW-8	UNVR	15821
13211	FL0001961	EFF-16156	U.S. AGRI-CHEMICALS CORPORATION - BARTOW	A	A		Y	MONITOR WELL #1 1-TIME ANALYSIS	UNVR	16156
13211	FL0001961	MWD-16160	U.S. AGRI-CHEMICALS CORPORATION - BARTOW	A	A		Y	MONITOR WELL #5 (BMW-5)	UNVR	16160
13242	FLA013242	MWD-16288	INDIAN RIVER TRANSPORT, INC.	A	A		N	MONITOR WELL D	UNVR	16288
11837	FL0039055	MWA-10723	CITY OF PUNTA GORDA WWTP	A	A	3.2000	Y	MW-6	UNVR	10723
12962	FLA012962	MWA-14783	PADGETT ESTATES	A	C	0.0500	N	NORTHEAST MONITOR WELL	UNVR	14783
12968	FLA012968	EFA-01	WAVERLY WWTP	A	A	0.1300	N	EFFLUENT SAMPLE POINT INMEDIATELY AFTER	UNVR	14801
13178	FLA013178	EFF-15854	GOLDEN GEM LAKE GARFIELD	A	A		N	EFFLUENT TO DITCH	UNVR	15854
13193	FL0001902	EFF-15991	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	MONITOR WELL #1 ONE TIME ANALYSIS	UNVR	15991
13193	FL0001902	EFF-15993	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	DISCHARGE 003 TO MILL BRANCH	UNVR	15993
13193	FL0001902	MWD-16001	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	U.S. AGRI-CHEMICALS FT. MEADE	UNVR	16001
13193	FL0001902	MWA-16011	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	FG05 Surficial Observation	UNVR	16011
13193	FL0001902	MWC-16012	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	FG06 Surficial Compliance	UNVR	16012
12962	FLA012962	MWA-14784	PADGETT ESTATES	A	C	0.0500	N	NORTH MONITOR WELL	UNVR	14784
13178	FLA013178	MWA-15855	GOLDEN GEM LAKE GARFIELD	A	A		N	MW-3 COMPLIANCE E EAST OF IMPOUNDMENT	UNVR	15855
13193	FL0001902	MWA-15997	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	U.S. AGRI-CHEMICALS FT. MEADE	UNVR	15997
13193	FL0001902	MWA-15998	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	U.S. AGRI-CHEMICALS FT. MEADE	UNVR	15998
13193	FL0001902	MWA-16019	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	FG13 Surficial Observation	UNVR	16019
13231	FL0037958	MWS-SA18	CARGILL FERTILIZER INC. - SOUTH FT. MEAD	A	A		Y	SA-18 COMPLIANCE	UNVR	16257
13231	FL0037958	MWD-16267	CARGILL FERTILIZER INC. - SOUTH FT. MEAD	A	A		Y	1A-12 COMPLIANCE	UNVR	16267
13250	FLA013250	MWC-16318	CUTRALE CITRUS JUICES (FORMERLY COCA COL	A	A	2.0000	N	MW-4C (FGG)	UNVR	16318
12975	FLA012975	MWA-14860	LAKE ALFRED CITY OF	A	A	0.6000	N	MW-3	UNVR	14860
13004	FLA013004	EFA-01	TWIN FOUNTAINS MOBILE CONDOMINIUM S/D	A	A	0.0350	N	EFA-01 AFTER DISINFECTION AND BEFORE DIS	UNVR	15004
11988	FLA011988	MWC-11232	G. PIERCE WOOD MEMORIAL HOSTITAL WWTP	A	A	0.2000	N	GW-3 COMPLIANCE MON WELL	UNVR	11232
12976	FLA012976	MWB-14869	BARTOW CITY OF MAIN	A	A	4.0000	N	MW-1	UNVR	14869
13012	FLA013012	MWA-15024	SKYVIEW UTILITIES LTD	A	A	0.4000	N	MONITOR WELL #2	UNVR	15024
13012	FLA013012	MWA-15025	SKYVIEW UTILITIES LTD	A	A	0.4000	N	MONITOR WELL #1	UNVR	15025
13140	FLA013140	R-001	MID-FLORIDA FREEZER (AKA ALLSUN PUR	A	A		N	EFFLUENT TO SPRAYFIELD	UNVR	15394
13190	FLA013190	MWC-3	BOX USA GROUP, INC.	A	A	0.0030	N	MW-3 (Compliance)	UNVR	15965
13190	FLA013190	MWC-2	BOX USA GROUP, INC.	A	A	0.0030	N	MW-2 (Compliance)	UNVR	15966

13277	FLA013277	SWA-16426	RIDGE GENERATING STATION, L.P.	A	A		N	STATION 004 (DOWNSTREAM LAKE STATION)	UNVR	16426
14046	FL0040291	MWA-19882	CHARLOTTE COUNTY UTILITIES-EASTPORT WWTP	A	A	10.0000	Y	SW-1 (SURFACE WATER)	UNVR	19882
14046	FL0040291	MWA-19883	CHARLOTTE COUNTY UTILITIES-EASTPORT WWTP	A	A	10.0000	Y	MW-4 (108) (EP-4)	UNVR	19883
14046	FL0040291	MWD-19885	CHARLOTTE COUNTY UTILITIES-EASTPORT WWTP	A	A	10.0000	Y	MW-2 (110) (EP-10)	UNVR	19885
14046	FL0040291	MWB-19891	CHARLOTTE COUNTY UTILITIES-EASTPORT WWTP	A	A	10.0000	Y	WELL 4 (BACKGROUND) (EP-3)	UNVR	19891
12000	FLA012000	EFF-11272	ORANGE BLOSSOM RVP WWTP	A	A	0.0150	N	EFF- FINAL EFFLUENT, AFTER DISINFECTION	UNVR	11272
12265	FL0034657	MWA-12384	CORONET INDUSTRIES, INC.	A	A		Y	(NEW) MW-5, SURFICIAL	UNVR	12384
12979	FL0021466	MWA-14908	AUBURNDALE ALLRED WWTP	A	A	1.4000	Y	MONITOR WELL DER-#2	UNVR	14908
12982	FL0039772	MWS-14921	W. CARL DICKS WATER RECLAMATION FACILITY	A	C	13.7000	Y	GOLF COURSE SW-6	UNVR	14921
12993	FLA012993	MWD-14969	GARDEN GROVE WATER CO CYPRESSWOOD	A	A	1.4000	N	CW-12	UNVR	14969
12993	FLA012993	MWD-14971	GARDEN GROVE WATER CO CYPRESSWOOD	A	A	1.4000	N	CW-10	UNVR	14971
13038	FLA013038	EFF-15101	CROOKED LAKE PARK SEWERAGE COMPANY	A	A	0.0600	N	STP EFFLUENT	UNVR	15101
13213	FL0001589	EFF-16172	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	SEMINOLE FERTILIZER CORP.	UNVR	16172
13213	FL0001589	EFF-16173	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	OUTFALL 004	UNVR	16173
13213	FL0001589	EFF-16176	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	MONITOR WELL #8 1 TIME ANALYSIS	UNVR	16176
13213	FL0001589	MWD-16193	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	MONITOR WELL #6	UNVR	16193
14048	FLA014048	MWA-19909	CHARLOTTE COUNTY UTILITY WESTPORT WWTF	A	A	0.3850	N	WELL #2 (64)	UNVR	19909
12004	FL0035271	OUT-04	CF INDUSTRIES, INC. - HARDEE COMPLEX I,	A	A		Y	OUTFALL 003A	UNVR	11286
12004	FL0035271	OUT-01	CF INDUSTRIES, INC. - HARDEE COMPLEX I,	A	A		Y	DISCHARGE 001	UNVR	11290
12016	FL0040177	EFF-04	CF INDUSTRIES, INC. - HARDEE COMPLEX II	A	A		Y	OUTFALL 004 TO SHIRTTAIL BRANCH	UNVR	11372
12016	FL0040177	MWA-SA-21	CF INDUSTRIES, INC. - HARDEE COMPLEX II	A	A		Y	WELL NUMBER SA-21	UNVR	11377
11987	FLA011987	R-001	DESOTO CORRECTIONAL INSTITUTION	A	A	0.5000	N	EFA-1 EFFLUENT SAMPLE POINT	UNVR	11216
12969	FLA012969	MWD-14810	CENTRAL REGIONAL WWTP	A	A	1.1000	N	MONITOR WELL #7	UNVR	14810
13113	FLA013113	EFA-01	SUN LAKE TERRACE ESTATES WWTF	A	A	0.0550	N	EFA-01-15253 AFTER DISINFECTION, PRIOR	UNVR	15253
13142	FLA013142	SWD-4	ALCOA ALUMINA & CHEMICALS, L.L.C.	A	A		N	SURFACE WATER STATION #4 (QUARTERLY)	UNVR	15415
13215	FLA013215	MWA-16212	PASCO PROCESSING, LLC (FORMERLY ORANGE-C	A	A		N	COMPLIANCE WELL NO.8	UNVR	16212
13215	FLA013215	MWA-16213	PASCO PROCESSING, LLC (FORMERLY ORANGE-C	A	A		N	COMPLIANCE WELL NO.7	UNVR	16213
13215	FLA013215	MWD-16220	PASCO PROCESSING, LLC (FORMERLY ORANGE-C	A	C		N	MONITOR WELL#M-2	UNVR	16220
12007	FLA012007	MWB-11306	MANCINI PACKING COMPANY	A	A	0.2880	N	MONITOR WELL #1	UNVR	11306
12947	FLA012947	EFA-01	BOSWELL ELEMENTARY SCHOOL WWTF	A	A	0.0125	N	EFA-01-14732 EFFLUENT-AFTER CHLORINATIO	UNVR	14732
12974	FL0021849	MWC-14849	WINTER HAVEN #2 CITY OF (CONINE PLANT)	A	A	1.7000	Y	MW-7 (WILLOWBROOK G.C.)	UNVR	14849
12974	FL0021849	MWC-14852	WINTER HAVEN #2 CITY OF (CONINE PLANT)	A	A	1.7000	Y	MW-4 (WILLOWBROOK G.C.)	UNVR	14852
12974	FL0021849	MWC-14854	WINTER HAVEN #2 CITY OF (CONINE PLANT)	A	A	1.7000	Y	MW-2 (WILLOWBROOK G.C.)	UNVR	14854
13174	FL0003051	EFF-15797	FLORIDA DISTILLERS CO.-AUBURNDALE	A	A	2.6000	Y	DISCHARGE 002 INACTIVE	UNVR	15797
14103	FL0035378	EFF-20122	CHARLOTTE HARBOR WATER ASSOC	A	C	0.1500	Y	THE END OF THE MIXING ZONE	UNVR	20122
12307	FL0000591	D-002	MOTIVA ENTERPRISES LLC (FORMERLY SHELL O	A	A		Y	Monitor system 002	UNVR	12777
13143	FL0001201	MWD-15449	BARTOW HOLDING COMPANY, INC. (FORMERLY C	A	P	0.0002	Y	MONITOR WELL #2	UNVR	15449
13163	FL0029017	MWB-1	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	Background Well No. 1	UNVR	15706

13175	FLA013175	EFF-15810	JUICE BOWL PRODUCTS INC	A	A		N	EFFLUENT POINT SAMPLE	UNVR	15810
13211	FL0001961	EFF-16155	U.S. AGRI-CHEMICALS CORPORATION - BARTOW	A	A		Y	MONITOR WELL #2 1-TIME ANALYSIS	UNVR	16155
13211	FL0001961	MWD-16161	U.S. AGRI-CHEMICALS CORPORATION - BARTOW	A	A		Y	MONITOR WELL #4 (BMW-4) AT ZOD	UNVR	16161
14105	FLA014105	EFF-20135	PELICAN HARBOR MHP	A	A	0.0200	N	PELICAN HARBOR MHP M.O.R,.	UNVR	20135
14119	FLA014119	EFA-1	EDGEWATER MANOR CONDO	A	A		N	Sample taken from discharge outlet of CC	UNVR	20187
11837	FL0039055	MWD-10716	CITY OF PUNTA GORDA WWTP	A	A	3.2000	Y	MW-5	UNVR	10716
11837	FL0039055	MWD-10718	CITY OF PUNTA GORDA WWTP	A	A	3.2000	Y	MW-1	UNVR	10718
11837	FL0039055	MWD-10720	CITY OF PUNTA GORDA WWTP	A	A	3.2000	Y	MW 4A (DEEP COMPLIANCE WELL)	UNVR	10720
11837	FL0039055	MWD-10725	CITY OF PUNTA GORDA WWTP	A	A	3.2000	Y	MW-4	UNVR	10725
11990	FLA119903	EFF-11240	ZOLFO SPRINGS WWTP	A	A	0.2000	N	EFF FINAL EFFLUENT SAMPLE POINT	UNVR	11240
11990	FLA119903	MWC-11242	ZOLFO SPRINGS WWTP	A	A	0.2000	N	MW-3 MONITOR WELL COMPLIANCE R001	UNVR	11242
12632	FL0000043	D-001	TROPICANA PRODUCTS, INC.	A	A	0.8000	Y	Monitor system 001	UNVR	13288
13069	FLA013069	EFA-01	VALENCIA ESTATES MHP WWTP	A	A	0.0170	N	AFTER DISINFECTION, AND PRIOR TO DISCHAR	UNVR	15160
13193	FL0001902	EFF-15987	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	MONITOR WELL #5 ONE TIME ANALYSIS	UNVR	15987
13193	FL0001902	EFF-15990	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	MONITOR WELL #2 ONE TIME ANALYSIS	UNVR	15990
13193	FL0001902	MWA-15995	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	U.S. AGRI-CHEMICALS FT. MEADE	UNVR	15995
13193	FL0001902	MWA-16003	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	U.S. AGRI-CHEMICALS FT. MEADE	UNVR	16003
13193	FL0001902	MWC-16004	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	FF02 Floridan Supply Well	UNVR	16004
13193	FL0001902	MWB-16008	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	FI02 Intermediate Background	UNVR	16008
13193	FL0001902	MWC-16013	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	FG07 Surficial Compliance	UNVR	16013
13193	FL0001902	MWC-16014	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	FG08 Surficial Compliance	UNVR	16014
13193	FL0001902	MWA-16018	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	FG12 Surficial Observation	UNVR	16018
13231	FL0037958	MWD-16262	CARGILL FERTILIZER INC. - SOUTH FT. MEAD	A	A		Y	SA-15 COMPLIANCE	UNVR	16262
13231	FL0037958	MWS-16263	CARGILL FERTILIZER INC. - SOUTH FT. MEAD	A	A		Y	1SA-14 INT	UNVR	16263
13231	FL0037958	MWD-16265	CARGILL FERTILIZER INC. - SOUTH FT. MEAD	A	A		Y	1A-22 COMPLIANCE	UNVR	16265
13250	FLA013250	MWC-16316	CUTRALE CITRUS JUICES (FORMERLY COCA COL	A	A	2.0000	N	MW-6C (FFG)	UNVR	16316
13250	FLA013250	MWC-16319	CUTRALE CITRUS JUICES (FORMERLY COCA COL	A	A	2.0000	N	MW-3C (FGG)	UNVR	16319
13250	FLA013250	MWC-16321	CUTRALE CITRUS JUICES (FORMERLY COCA COL	A	A	2.0000	N	MW-1C (FGG)	UNVR	16321
14116	FLA014116	EFF-20181	HARBOR VIEW TRAILER PARK	A	A		N	HARBOR VIEW TRAILER PARK M.O.R.	UNVR	20181
13310	FLA013310	R-001	COOK'S PROCESSING, INC. (FORMERLY FRUITB	A	A		N	EFFLUENT TO RANCH (Quarterly DMR)	UNVR	16438
14062	FLA014062	EFF-19975	HUNTERS CREEK AKA:RIVER'S EDGE	A	A		N	RIVERS EDGE	UNVR	19975
14046	FL0040291	R-01	CHARLOTTE COUNTY UTILITIES-EASTPORT WWTP	A	A	10.0000	Y	EFF changed to WAFR System Site ID # rep	UNVR	19877
11986	FLA011986	EFF-11212	DESOTO START CENTER	A	A	0.0025	N	EFF FINAL EFFLUENT SAMPLE POINT	UNVR	11212
12006	FLA012006	MWA-11297	FLORIDA FENCE POST CO.	A	A		N	MONITOR WELL MW-3 (COMPLIANCE)	UNVR	11297
12006	FLA012006	MWA-11299	FLORIDA FENCE POST CO.	A	A		N	MONITOR WELL MW-1 (BACKGROUND)	UNVR	11299
12948	FLA012948	R-001	LAKE GIBSON HIGH SCHOOL WWTP	A	A	0.0550	N	AFTER DISINFECTION, PRIOR TO DISCHARGE T	UNVR	14735
13085	FLA013085	EFF-15191	LAKE MARIANA SHORES	A	A	0.0249	N	STP EFFLUENT	UNVR	15191
13190	FLA013190	MWC-4	BOX USA GROUP, INC.	A	A	0.0030	N	MW-4 (Compliance)	UNVR	15964

13109	FLA013109	EFA-01	ORANGE ACRES RANCH	A	A	0.0350	N	EFA-01 AFTER DISINFECTION, PRIOR TO DISC	UNVR	15249
12265	FL0034657	EFF-12361	CORONET INDUSTRIES, INC.	A	A		Y	(NEW) OUTFALL 005	UNVR	12361
12265	FL0034657	EFF-12365	CORONET INDUSTRIES, INC.	A	A		Y	(NEW) OUTFALL 001A	UNVR	12365
12265	FL0034657	EFF-12369	CORONET INDUSTRIES, INC.	A	C		Y	DISCHARGE 004	UNVR	12369
12265	FL0034657	EFF-12371	CORONET INDUSTRIES, INC.	A	C		Y	DISCHARGE 002	UNVR	12371
12993	FLA012993	MWD-14972	GARDEN GROVE WATER CO CYPRESSWOOD	A	A	1.4000	N	CW-9	UNVR	14972
13000	FLA013000	EFA-01	TOWER MANOR MHP	A	A	0.0250	N	EFA-01-14996 AFTER DISINFECTION, DISCHA	UNVR	14996
13048	FLA013048	R-001	LAKE REGION MOBILE HOME VILLAGE	A	A	0.0800	N	STP EFFLUENT	UNVR	15124
13078	FLA013078	EFF-15176	LA CASA CONDOMINIUMS	A	A	0.0300	N	STP EFFLUENT	UNVR	15176
13213	FL0001589	EFF-16183	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	MONITOR WELL #1 1 TIME ANALYSIS	UNVR	16183
13213	FL0001589	EFF-16189	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	C		Y	DOUBLE LIMING AREA (INACTIVE)	UNVR	16189
12969	FLA012969	MWD-14815	CENTRAL REGIONAL WWTP	A	A	1.1000	N	SG-1A	UNVR	14815
12969	FLA012969	MWA-14817	CENTRAL REGIONAL WWTP	A	A	1.1000	N	MONITOR WELL #6	UNVR	14817
12969	FLA012969	MWD-14822	CENTRAL REGIONAL WWTP	A	A	1.1000	N	MONITOR WELL #2(COMPLIANCE)	UNVR	14822
13041	FLA013041	EFF-15109	WAHNETA MHP	A	A	0.0100	N	STP EFFLUENT	UNVR	15109
13107	FLA013107	EFF-15245	HIDDEN COVE	A	A	0.0200	N	STP EFFLUENT	UNVR	15245
13118	FLA013118	R-001	GOOD LIFE RVP	A	A	0.0700	N	STP EFFLUENT	UNVR	15268
13142	FLA013142	MWC-13	ALCOA ALUMINA & CHEMICALS, L.L.C.	A	A		N	Compliance Monitor Well	UNVR	15419
13202	FLA132021	EFF-16089	CUSTOM CHEMICALS CORPORATION (FORMERLY W	A	A		N	EFFLUENT TO POND	UNVR	16089
13215	FLA013215	MWA-16214	PASCO PROCESSING, LLC (FORMERLY ORANGE-C	A	A		N	COMPLIANCE WELL NO.6	UNVR	16214
13215	FLA013215	MWD-16219	PASCO PROCESSING, LLC (FORMERLY ORANGE-C	A	C		N	MONITOR WELL #M-3	UNVR	16219
13260	FLA013260	MWB-7	NATIONS BANK,N.A.(FORMERLY W.G.ROE&SONS,	A	A		N	MW-7	UNVR	16368
11995	FLA011995	EFF-11255	SOUTHERN OAKS WWTP	A	A	0.0100	N	STP EFFLUENT	UNVR	11255
12974	FL0021849	MWC-14850	WINTER HAVEN #2 CITY OF (CONINE PLANT)	A	A	1.7000	Y	MW-6 (WILLOWBROOK G.C.)	UNVR	14850
12986	FL0026301	EFF-14938	LAKELAND MCINTOSH PLANT	A	A		Y	DISCHARGE	UNVR	14938
12009	FL0120090	EFF-01	NU-GULF INDUSTRIES, INC. - TRUCK/RAIL TR	A	A		Y	NU.GULF INDS.,INC (OUTFALL 001)	UNVR	11319
11952	FL0027511	MWC-03	WILLIAM TYSON WWTP	A	A	2.0000	Y	MW-3 GOLF COURSE	UNVR	11115
11952	FL0027511	MWC-02	WILLIAM TYSON WWTP	A	A	2.0000	Y	MW-2 GOLF COURSE	UNVR	11116
12008	FLA012008	MWA-11314	V & W FARMS, INC.	A	A	0.1440	N	MONITOR WELL MW-3S (COMPLIANCE)	UNVR	11314
13174	FL0003051	EFF-15793	FLORIDA DISTILLERS CO.-AUBURNDALE	A	A	2.6000	Y	DOWNSTREAM STATION 002B	UNVR	15793
13174	FL0003051	MWB-15805	FLORIDA DISTILLERS CO.-AUBURNDALE	A	A	2.6000	Y	MW-1 BACKGROUND J-1 INACTIVE	UNVR	15805
14103	FL0035378	MWA-20128	CHARLOTTE HARBOR WATER ASSOC	A	A	0.1500	Y	WELL #2 (SOUTH OF POND AREA).	UNVR	20128
14103	FL0035378	MWA-20129	CHARLOTTE HARBOR WATER ASSOC	A	A	0.1500	Y	WELL #1 (NORTHWEST OF POND AREA.)	UNVR	20129
14351	FLA014351	EFF-20877	COUNTRY CLUB OF SEBRING WWTP	A	A	0.0850	N	COUNTRY CLUB OF SEBRING	UNVR	20877
12022	FLA012022	MWC-5	HARDEE COUNTY CORRECTIONAL	A	A	0.2120	N	MW-5 MONITOR WELL COMPLIANCE	UNVR	11391
13143	FL0001201	MWC-1	BARTOW HOLDING COMPANY, INC. (FORMERLY C	A	A	0.0002	Y	MONITOR WELL #1	UNVR	15447
13009	FLA013009	EFA-01	VILLAGE - LAKELAND THE	A	A	0.1000	N	AFTER DISINFECTION AND PRIOR TO LAND APP	UNVR	15012
13045	FLA013045	EFF-15117	SANLAN RANCH CAMPGROUND	A	A	0.0600	N	STP EFFLUENT	UNVR	15117

13103	FLA013103	MWD-15233	SWISS GOLF CLUB	A	A	0.1760	N	MONITOR WELL MW-2	UNVR	15233
13103	FLA013103	MWB-15234	SWISS GOLF CLUB	A	A	0.1760	N	MONITOR WELL MW-1	UNVR	15234
13143	FL0001201	EFF-15444	BARTOW HOLDING COMPANY, INC. (FORMERLY C	A	A	0.0002	Y	DISCHARGE 001(PROCESS SEASON)	UNVR	15444
13163	FL0029017	MWA-15695	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	MONITOR WELL #7	UNVR	15695
13163	FL0029017	MWA-15696	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	MONITOR WELL #6	UNVR	15696
13163	FL0029017	MWA-15698	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	MW-4	UNVR	15698
13163	FL0029017	MWC-4	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	Compliance Well No. 4	UNVR	15703
13166	FL0001198	R-D01B	CARGILL FERTILIZER INC. - FT. MEADE MINE	A	A		Y	INSTREAM STATION (DOWNSTREAM)	UNVR	15719
13175	FLA013175	EFF-15816	JUICE BOWL PRODUCTS INC	A	C		N	STATION #2	UNVR	15816
13175	FLA013175	MWD-15819	JUICE BOWL PRODUCTS INC	A	A		N	MW-10	UNVR	15819
13211	FL0001961	EFF-16154	U.S. AGRI-CHEMICALS CORPORATION - BARTOW	A	A		Y	MONITOR WELL #3 1-TIME ANALYSIS	UNVR	16154
13211	FL0001961	EFF-16157	U.S. AGRI-CHEMICALS CORPORATION - BARTOW	A	A		Y	OUTFALL 001 NON-PROCESS WATER	UNVR	16157
13211	FL0001961	MWD-16162	U.S. AGRI-CHEMICALS CORPORATION - BARTOW	A	A		Y	MONITOR WELL #3 (BMW-3) AT ZOD	UNVR	16162
13211	FL0001961	MWD-16163	U.S. AGRI-CHEMICALS CORPORATION - BARTOW	A	A		Y	MONITOR WELL #2 (BMW-2)	UNVR	16163
11837	FL0039055	EFF-1	CITY OF PUNTA GORDA WWTP	A	A	3.2000	Y	Final treated dicharge sample point to M	UNVR	10711
11954	FLA011954	EFF-11129	LETTUCE LAKE CAMPGROUND	A	A	0.0300	N	WWTP EFFLUENT SAMPLE POINT	UNVR	11129
12962	FLA012962	MWA-14780	PADGETT ESTATES	A	C	0.0500	N	SOUTHEAST MONITOR WELL	UNVR	14780
13040	FLA013040	EFA-15106	LAKE GIBSON ESTATES	A	A	0.1000	N	STP EFFLUENT after disinfection	UNVR	15106
13096	FLA013096	EFA-01	ENCHANTED GROVE MH & RV PARK WWTP	A	A	0.0150	N	EFA-01-15212 AFTER DISINFECTION AND PR	UNVR	15212
13250	FLA013250	R-EFF	CUTRALE CITRUS JUICES (FORMERLY COCA COL	A	A	2.0000	N	PUMP STATION,570 ACRE SF site nu EFF-163	UNVR	16315
13021	FLA013021	EFA-01	JOHN'S RESORT MOTEL & RESTAURANT	A	A	0.0300	N	EFA-01 AFTER DISINFECTION, PRIOR TO DIS	UNVR	15062
12956	FLA012956	EFA-01	TRAVISS VO-TECH WWTP	A	A	0.0350	N	stp effluent	UNVR	14764
12975	FLA012975	MWA-14861	LAKE ALFRED CITY OF	A	A	0.6000	N	MW-2	UNVR	14861
13247	FLA013247	MWB-16312	IMC-AGRICO COMPANY - P21 PHOSPHOGYPSUM S	A	A		N	MONITOR WELL #6	UNVR	16312
14079	FLA014079	EFF-20031	SEA COVE MOTEL & APTS	A	A		N	SEA COVE MOTEL	UNVR	20031
14115	FLA014115	EFF-20172	RAMPART UTILITIES	A	A		N	GW. EFFLUENT ANALYSIS	UNVR	20172
14122	FLA014122	EFF-20196	RIVER FOREST VILLAGE	A	A	0.0350	N	RIVER FOREST MHP M.O.R.	UNVR	20196
11988	FLA011988	MWC-11231	G. PIERCE WOOD MEMORIAL HOSTITAL WWTP	A	A	0.2000	N	GW-4 COMPLIANCE MON WELL	UNVR	11231
11988	FLA011988	MWC-11233	G. PIERCE WOOD MEMORIAL HOSTITAL WWTP	A	A	0.2000	N	GW-2 COMPLIANCE MON WELL	UNVR	11233
12002	FLA012002	EFF-11277	FLORIDA SKP CO-OP, INC.	A	A	0.0150	N	EFF FINAL EFFLUENT SAMPLE POINT	UNVR	11277
12006	FLA012006	EFF-11295	FLORIDA FENCE POST CO.	A	C		N	OUTFALL 001 (CONTROL STRUCTURE)	UNVR	11295
13190	FLA013190	R-001	BOX USA GROUP, INC.	A	A	0.0030	N	Effluent to sprayfield	UNVR	15963
14046	FL0040291	EFF-19879	CHARLOTTE COUNTY UTILITIES-EASTPORT WWTP	A	A	10.0000	Y	EAST PORT #2 STP M.O.R.	UNVR	19879
12265	FL0034657	EFF-12370	CORONET INDUSTRIES, INC.	A	C		Y	DISCHARGE 003	UNVR	12370
12979	FL0021466	MWA-14906	AUBURNDALE ALLRED WWTP	A	A	1.4000	Y	MONITOR WELL DER-#4	UNVR	14906
12982	FL0039772	MWD-14924	W. CARL DICKS WATER RECLAMATION FACILITY	A	C	13.7000	Y	GOLF COURSE SW-3	UNVR	14924
12993	FLA012993	MWD-14970	GARDEN GROVE WATER CO CYPRESSWOOD	A	A	1.4000	N	CW-11	UNVR	14970
13008	FLA013008	EFF-15010	SEMINOLE FER. INC BARTOW CHEM. SE	A	A	0.0170	N	STP EFFLUENT	UNVR	15010

13213	FL0001589	EFF-16174	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	C		Y	OUTFALL 002	UNVR	16174
13213	FL0001589	EFF-16177	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	MONITOR WELL #7 1 TIME ANALYSIS	UNVR	16177
13213	FL0001589	EFF-16179	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	MONITOR WELL #5 1 TIME ANALYSIS	UNVR	16179
13213	FL0001589	MWD-16194	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	MONITOR WELL #5	UNVR	16194
13213	FL0001589	MWD-16198	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	MONITOR WELL #1	UNVR	16198
12016	FL0040177	MWA-SA-24	CF INDUSTRIES, INC. - HARDEE COMPLEX II	A	A		Y	SA-24 BACKGROUND	UNVR	11374
12969	FLA012969	MWD-14809	CENTRAL REGIONAL WWTP	A	A	1.1000	N	MONITOR WELL #8	UNVR	14809
12969	FLA012969	MWD-14814	CENTRAL REGIONAL WWTP	A	A	1.1000	N	SG-1B	UNVR	14814
12969	FLA012969	MWB-14821	CENTRAL REGIONAL WWTP	A	A	1.1000	N	MONITOR WELL #3	UNVR	14821
13051	FLA013051	R-001	LINCOLN PARK MHP	A	A	0.0050	N	STP EFFLUENT	UNVR	15130
13053	FLA130532	EFA-01	PALM SHORES MOBILE VILLAGE	A	A	0.0175	N	AFTER DISINFECTION, PRIOR TO DISCHARGE T	UNVR	15136
13142	FLA013142	MWI-3	ALCOA ALUMINA & CHEMICALS, L.L.C.	A	A		N	Intermediate Monitor Well	UNVR	15429
13142	FLA013142	MWB-1	ALCOA ALUMINA & CHEMICALS, L.L.C.	A	A		N	Background Monitor Well (TEST SITE ID 15	UNVR	15431
13215	FLA013215	EFF-16203	PASCO PROCESSING, LLC (FORMERLY ORANGE-C	A	A		N	(NEW) OUTFALL 001 REQUIREMENTS	UNVR	16203
13215	FLA013215	MWA-16208	PASCO PROCESSING, LLC (FORMERLY ORANGE-C	A	A		N	COMPLIANCE WELL NO.12	UNVR	16208
13215	FLA013215	MWA-16218	PASCO PROCESSING, LLC (FORMERLY ORANGE-C	A	C		N	WELL #4	UNVR	16218
13252	FLA013252	MWB-3	HUNT BROTHERS COOPERATIVE, INC.	A	A		N	Background well	UNVR	16330
13260	FLA013260	MWI-1	NATIONS BANK,N.A.(FORMERLY W.G.ROE&SONS,	A	A		N	MW-1	UNVR	16374
14088	FLA014088	EFF-20059	PALM & PINES INC	A	A		N	PALMS & PINES, INC.	UNVR	20059
14094	FL0042412	EFF-20076	RIVERS EDGE INC	A	A	0.0170	Y	EDGE OF MIXING ZONE	UNVR	20076
13099	FLA013099	EFA-01	FAIRVIEW VILLAGE CIRCLE	A	A	0.0125	N	EFA-01 EFFLUENT-AFTER CHLORINATION, PRIO	UNVR	15218
12974	FL0021849	EFA-01	WINTER HAVEN #2 CITY OF (CONINE PLANT)	A	A	1.7000	Y	EFA-01-14843 AFTER DISINFECTION AND PRI	UNVR	14843
12986	FL0026301	MWA-14950	LAKELAND MCINTOSH PLANT	A	C		Y	INTERMEDIATE WELL 'A'	UNVR	14950
13130	FL0002801	EFF-15297	SFE CITRUS PROCESSORS	A	A	2.1000	Y	DISCHARGE OUTFALL 002 (WWTP)	UNVR	15297
13266	FLA013266	EFF-16394	PEMBROKE MATERIALS	A	A		N	STORMWATER POND 2	UNVR	16394
13273	FLA013273	LAL-1	THE FLORIDA BREWERY, INC.	A	A	0.0330	N	EFFLUENT PRIOR LAND APPLICATION	UNVR	16412
13273	FLA013273	MWC-3	THE FLORIDA BREWERY, INC.	A	A	0.0330	N	MWC-3 (Compliance)	UNVR	16413
14041	FL0000841	EFF-01	BECKER HOLDING DIV (FMR TREASURE COAST)	A	A	0.4000	Y	CAN COOLING WATER TO C-10 CANAL	UNVR	19833
12978	FL0036048	MWB-14903	WINTER HAVEN #3 WAHNETA	A	A	5.0000	Y	MONITOR WELL X-2	UNVR	14903
13074	FLA013074	R-001	HOLIDAY TRAVEL PARK	A	A	0.0250	N	R-001-01 reuse system-two percolation/ev	UNVR	15168
13161	FL0000752	MWD-15670	FARMLAND HYDRO, L.P. - GREEN BAY CHEMICA	A	A		Y	MW-9-I2	UNVR	15670
13193	FL0001902	EFF-15994	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	OUTFALL 002	UNVR	15994
13193	FL0001902	MWD-16002	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	U.S.AGRI-CHEMICALS FT. MEADE	UNVR	16002
13193	FL0001902	MWC-16010	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	FG02 Surficial Well	UNVR	16010
13193	FL0001902	MWC-16015	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	FG09 Surficial Compliance	UNVR	16015
13231	FL0037958	MWD-16259	CARGILL FERTILIZER INC. - SOUTH FT. MEAD	A	A		Y	1A-16 BACKGROUND	UNVR	16259
13231	FL0037958	MWD-SA16D	CARGILL FERTILIZER INC. - SOUTH FT. MEAD	A	A		Y	SA-16D COMPLIANCE	UNVR	16260
13231	FL0037958	MWS-16266	CARGILL FERTILIZER INC. - SOUTH FT. MEAD	A	A		Y	1SA-12 INT.	UNVR	16266

13231	FL0037958	MWD-16268	CARGILL FERTILIZER INC. - SOUTH FT. MEAD	A	A		Y	SA-14D COMPLIANCE	UNVR	16268
13250	FLA013250	MWI-16324	CUTRALE CITRUS JUICES (FORMERLY COCA COL	A	A	2.0000	N	MW-1I (FGG)	UNVR	16324
11960	FLA011960	EFF-01	DESOTO VILLAGE WWTP	A	A	0.0300	N	EFF FINAL EFFLUENT SAMPLE POINT	UNVR	11150
13059	FLA013059	R-001	LAKE BLUE MHP	A	A	0.0150	N	STP EFFLUENT	UNVR	15147
13247	FLA013247	MWD-16309	IMC-AGRICO COMPANY - P21 PHOSPHOGYPSUM S	A	A		N	MONITOR WELL #4	UNVR	16309
13247	FLA013247	MWB-16313	IMC-AGRICO COMPANY - P21 PHOSPHOGYPSUM S	A	A		N	MONITOR WELL #1	UNVR	16313
14070	FLA014070	EFF-20009	LAZY LAGOON MOBILE PARK	A	A		N	LAZY LAGOON MOBILE PARK	UNVR	20009
14115	FLA014115	EFF-20173	RAMPART UTILITIES	A	A		N	RAMPART UTILITIES	UNVR	20173
14115	FLA014115	MWD-20176	RAMPART UTILITIES	A	A		N	MW-2 (COMPLIANCE)	UNVR	20176
14115	FLA014115	MWA-20177	RAMPART UTILITIES	A	A		N	MW-1 (INTERMEDIATE)	UNVR	20177
13126	FLA013126	EFA-01	LAKE HENRY ESTATES WWTP	A	A	0.0650	N	EFA-01 EFFLUENT-AFTER CHLORINATION, PRI	UNVR	15285
11997	FLA011997	EFF-11262	BROOKSIDE BLUFF R V RESORT	A	A	0.0500	N	WWTP EFFLUENT SAMPLE POINT	UNVR	11262
12944	FLA012944	EFA-01	DUNDEE ELEMENTARY SCHOOL WWTP	A	A	0.0100	N	EFFLUENT-AFTER CHLORINATION, PRIOR TO LA	UNVR	14721
13019	FLA013019	EFA-01	LAKE MARIANA ACRES MHP	A	A	0.0620	N	EFA-01-15057 AFTER DISINFECTION AND PRI	UNVR	15057
13031	FLA013031	EFF-15087	WINTER HAVEN MHP	A	A	0.0365	N	STP EFFLUENT	UNVR	15087
13140	FLA013140	PER-001	MID-FLORIDA FREEZER (AKA ALLSUN PUR	A	A		N	LAGOON	UNVR	15392
14046	FL0040291	MWA-19880	CHARLOTTE COUNTY UTILITIES-EASTPORT WWTP	A	A	10.0000	Y	MW - 2 (DEEP 2249 - 2330 FT)	UNVR	19880
14046	FL0040291	MWD-19892	CHARLOTTE COUNTY UTILITIES-EASTPORT WWTP	A	A	10.0000	Y	WELL 1 (COMPLIANCE) (EP-1)	UNVR	19892
14328	FLA014328	EFF-20839	HIGHLANDS UTILITY CO. AKA WESTERN BLVD	A	A		N	HIGHLANDS UTILITY CO.	UNVR	20839
12265	FL0034657	EFF-12366	CORONET INDUSTRIES, INC.	A	A		Y	MW-12 1-TIME ANALYSIS, INTERMEDIATE	UNVR	12366
12265	FL0034657	MWA-12373	CORONET INDUSTRIES, INC.	A	A		Y	MON. WELL NO. 13B	UNVR	12373
12265	FL0034657	MWA-12375	CORONET INDUSTRIES, INC.	A	A		Y	MON WELL N0. 9A	UNVR	12375
12265	FL0034657	MWA-12376	CORONET INDUSTRIES, INC.	A	A		Y	(NEW) MW-13, INTERMEDIATE	UNVR	12376
12265	FL0034657	MWA-12378	CORONET INDUSTRIES, INC.	A	A		Y	(NEW) MW-11, INTERMEDIATE	UNVR	12378
12265	FL0034657	MWA-12380	CORONET INDUSTRIES, INC.	A	A		Y	(NEW) MW-9, INTERMEDIATE	UNVR	12380
12982	FL0039772	MWD-14922	W. CARL DICKS WATER RECLAMATION FACILITY	A	C	13.7000	Y	GOLF COURSE SW-5	UNVR	14922
12982	FL0039772	MWB-14925	W. CARL DICKS WATER RECLAMATION FACILITY	A	C	13.7000	Y	GOLF COURSE SW-1	UNVR	14925
13213	FL0001589	EFF-16178	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	MONITOR WELL #6 1 TIME ANALYSIS	UNVR	16178
13213	FL0001589	EFF-16180	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	MONITOR WELL #4 1 TIME ANALYSIS	UNVR	16180
13213	FL0001589	EFF-16184	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	(NEW) SPILLWAY #003/#19, INACTIVE MINE	UNVR	16184
13213	FL0001589	EFF-16185	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	OPERATION EMERGENCY, OUTFALL 002	UNVR	16185
13213	FL0001589	EFF-16186	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	(NEW) OUTFALL 001, BARTOW CHEM. COMPLEX	UNVR	16186
13213	FL0001589	MWB-16195	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	MONITOR WELL #4	UNVR	16195
13213	FL0001589	MWD-16197	CARGILL FERTILIZER, INC. - BARTOW CHEMIC	A	A		Y	MONITOR WELL #2	UNVR	16197
13240	FLA013240	EFF-16284	POLK COUNTY ANIMAL CONTROL CENTER	A	A		N	TREATED EFFLUENT FROM CLARIFIER	UNVR	16284
13257	FL0036412	EFF-16358	IMC-AGRICO COMPANY - FOUR CORNERS MINE	A	A		Y	UPSTREAM SAMPLING POINT	UNVR	16358
11952	FL0027511	MWB-11117	WILLIAM TYSON WWTP	A	A	2.0000	Y	MW-1 GOLF COURSE	UNVR	11117
12985	FLA012985	R-001	NORTHSIDE WWTP	A	A	4.0000	N	REUSE	UNVR	14933

13250	FLA013250	MWC-16320	CUTRALE CITRUS JUICES (FORMERLY COCA COL	A	A	2.0000	N	MW-2C (FGG)	UNVR	16320
13215	FLA013215	MWA-16209	PASCO PROCESSING, LLC (FORMERLY ORANGE-C	A	C		N	COMPLIANCE WELL NO.11	UNVR	16209
13257	FL0036412	EFF-02	IMC-AGRICO COMPANY - FOUR CORNERS MINE	A	A		Y	OUTFALL 002 - DISCHARGE TO PAYNE CREEK,	UNVR	16360
13307	FLA013307	EFF-16437	ORANGE COGENERATION L.P.	A	A		N	ORANGE COGENERATION, L.P.	UNVR	16437
14328	FLA014328	MWB-20843	HIGHLANDS UTILITY CO. AKA WESTERN BLVD	A	A		N	MW-1 (BACKGROUND WELL) WESTERN BLVD.WWTP	UNVR	20843
14094	FL0042412	EFF-20077	RIVERS EDGE INC	A	A	0.0170	Y	EFFLUENT SAMPLE POINT	UNVR	20077
14519	FLA014519	EFF-21376	THREE OAKS WWTF	A	A	0.7500	N	EFFLUENT THE VINES GOLF COURSE	UNVR	21376
13211	FL0001961	EFF-16158	U.S. AGRI-CHEMICALS CORPORATION - BARTOW	A	A		Y	EMG.OUTFALL 002 TREATED PROCESS WATER	UNVR	16158
13027	FLA013027	R-001	LAKESIDE RANCH ESTATES WWTP	A	A	0.0350	N	AFTER DISINFECTION, AND PRIOR TO DISCHAR	UNVR	15080
13242	FLA013242	MWD-16293	INDIAN RIVER TRANSPORT, INC.	A	A		N	MONITOR WELL #4	UNVR	16293
12978	FL0036048	MWB-14901	WINTER HAVEN #3 WAHNETA	A	A	5.0000	Y	MONITOR WELL S-3	UNVR	14901
13193	FL0001902	EFF-15992	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	DISCHARGE 004 TO MCCULLOUGH CREEK	UNVR	15992
13136	FL0000353	EFF-15350	IMC-AGRICO COMPANY - PAYNE CREEK MINE	A	A		Y	(NEW) DISCHARGE 001	UNVR	15350
13193	FL0001902	MWA-15996	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	U.S. AGRI-CHEMICALS FT. MEADE	UNVR	15996
13201	FLA013201	MWB-1	WAVERLY GROWERS COOPERATIVE	A	A		N	MW-1 BACKGROUND	UNVR	16081
14328	FLA014328	MWD-20840	HIGHLANDS UTILITY CO. AKA WESTERN BLVD	A	A		N	MW-4 (COMPLIANCE WELL) WESTERN BLVD.WWTP	UNVR	20840
13136	FL0000353	EFF-15349	IMC-AGRICO COMPANY - PAYNE CREEK MINE	A	A		Y	SAND TAILINGS DISCHARGE	UNVR	15349
12993	FLA012993	MWD-14974	GARDEN GROVE WATER CO CYPRESSWOOD	A	A	1.4000	N	CW-8	UNVR	14974
12004	FL0035271	G-01	CF INDUSTRIES, INC. - HARDEE COMPLEX I,	A	A		Y	SAND TAILING DISCHARGE	UNVR	11287
11989	FL0023949	EFD-01	WAUCHULA WWTP CITY OF	A	A	1.0000	Y	EFD-01-11236 AT EXISTING EFFLUENT SAMPL	UNVR	11236
12008	FLA012008	MWA-11312	V & W FARMS, INC.	A	A	0.1440	N	MONITOR WELL MW-5S (COMPLIANCE)	UNVR	11312
12993	FLA012993	MWB-14980	GARDEN GROVE WATER CO CYPRESSWOOD	A	A	1.4000	N	MONITOR WELL #CW-1	UNVR	14980
13163	FL0029017	MWC-5	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	Compliance Well No. 5	UNVR	15702
13247	FLA013247	EFF-16307	IMC-AGRICO COMPANY - P21 PHOSPHOGYPSUM S	A	A		N	MONITOR WELL #1 1-TIME ANALYSIS	UNVR	16307
11837	FL0039055	MWD-10717	CITY OF PUNTA GORDA WWTP	A	A	3.2000	Y	MW-2	UNVR	10717
13082	FLA013082	R-001	SWEETWATER WEST	A	A	0.0700	N	P/E POND	UNVR	15184
12969	FLA012969	MWD-14808	CENTRAL REGIONAL WWTP	A	A	1.1000	N	MONITOR WELL #9	UNVR	14808
12974	FL0021849	MWC-14844	WINTER HAVEN #2 CITY OF (CONINE PLANT)	A	A	1.7000	Y	MW-4 (CITRUS GROVE/CEMETERY)	UNVR	14844
13211	FL0001961	EFF-16153	U.S. AGRI-CHEMICALS CORPORATION - BARTOW	A	A		Y	MONITOR WELL #4 1-TIME ANALYSIS	UNVR	16153
12962	FLA012962	MWA-14779	PADGETT ESTATES	A	C	0.0500	N	EAST MONITORING WELL-A	UNVR	14779
13163	FL0029017	MWC-3	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	Compliance Well No. 3	UNVR	15704
14323	FLA014323	EFF-20828	LAKE GLENADA CAMPING RESORT	A	A		N	LAKE GLENADA R. V. & M. H. P.	UNVR	20828
13231	FL0037958	MWD-16269	CARGILL FERTILIZER INC. - SOUTH FT. MEAD	A	A		Y	SA-14S COMPLIANCE	UNVR	16269
14328	FLA014328	MWD-20842	HIGHLANDS UTILITY CO. AKA WESTERN BLVD	A	A		N	MW-2 (COMPLIANCE WELL) WESTERN BLVD.WWTP	UNVR	20842
13193	FL0001902	MWD-16000	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	U.S. AGRI-CHEMICALS	UNVR	16000
14046	FL0040291	MWD-19888	CHARLOTTE COUNTY UTILITIES-EASTPORT WWTP	A	A	10.0000	Y	WELL F (COMPLIANCE) (#105) (EP-7)	UNVR	19888
13002	FLA013002	EFF-15000	HOLIDAY INN DUNDEE	A	A	0.0300	N	STP EFFLUENT	UNVR	15000
13193	FL0001902	MWD-15999	U.S. AGRI-CHEMICALS CORPORATION - FT. ME	A	A		Y	U.S. AGRI-CHEMICALS FT. MEADE	UNVR	15999

11952	FL0027511	MWD-11119	WILLIAM TYSON WWTP	A	A	2.0000	Y	M-4	UNVR	11119
11837	FL0039055	SWA-10719	CITY OF PUNTA GORDA WWTP	A	A	3.2000	Y	MYRTLE SLOUGH MONITORING PT. # 3	UNVR	10719
13231	FL0037958	D-001	CARGILL FERTILIZER INC. - SOUTH FT. MEAD	A	A		Y	OUTFALL 001 FROM SFM1 TO PEACE RIVER	UNVR	16253
13012	FLA013012	EFF-15022	SKYVIEW UTILITIES LTD	A	A	0.4000	N	STP EFFLUENT	UNVR	15022
13277	FLA013277	SWA-16427	RIDGE GENERATING STATION, L.P.	A	A		N	STATION 003 (UPSTREAM LAKE STATION)	UNVR	16427
13255	FLA013255	MWD-16350	MITCO WATER LABORATORIES, INC.	A	A		N	MW-2	UNVR	16350
13231	FL0037958	EFF-16255	CARGILL FERTILIZER INC. - SOUTH FT. MEAD	A	A		Y	RECIRCULATION-SAND TAILINGS AREA	UNVR	16255
12976	FLA012976	MWD-14868	BARTOW CITY OF MAIN	A	A	4.0000	N	MW-2	UNVR	14868
13163	FL0029017	MWC-11	FLORIDA DISTILLERS CO.-LAKE ALFRED	A	A		Y	Compliance Well No. 11	UNVR	15692
11952	FL0027511	D-001	WILLIAM TYSON WWTP	A	A	2.0000	Y	D001 SURFACE WATER DISCHARGE OUTFALL	DGPS	24007
11837	FL0039055	OUT-24009	CITY OF PUNTA GORDA WWTP	A	A	3.2000	Y	O-001	DGPS	24009
11837	FL0039055	SWD-24010	CITY OF PUNTA GORDA WWTP	A	A	3.2000	Y	SS-001		24010

WAFR_FACIL	FACILITY_I	SITE_ID	NAME	FACILITY	STATUS	CAPACITY	NPDES	DESCRIPTION	METHOD	WAFR_SITE
12995	FLA012995	R-001	LAKEFRONT TRAILER PARK	A	A	0.0057	N	STP EFFLUENT (SITE NO. 14986)	UNVR	14986
14311	FLA014311	MWI-20793	SEBRING CITY OF WWTF	A	A	2.0000	N	CS-2 INTERMEDIATE WELL (CITY OF SEBRING)	UNVR	20793
14311	FLA014311	MWD-20796	SEBRING CITY OF WWTF	A	A	2.0000	N	WELL 6 (INTERMEDIATE)	UNVR	20796
14342	FLA014342	EFF-20865	CWS COMMUNITIES LP AKA CRYSTAL LAKE CLUB	A	A	0.0900	N	CRYSTAL LAKE GOLF CLUB	UNVR	20865
13038	FLA013038	MWA-15102	CROOKED LAKE PARK SEWERAGE COMPANY	A	C	0.0600	N	MONITORING WELL #1	UNVR	15102
14394	FLA014394	EFF-21029	CLEARVIEW TERRACE WWTP	A	A		N	CLEARVIEW TERRACE M.O.R.	UNVR	21029
12977	FLA012977	MWD-14874	HAINES CITY WWTP	A	A	2.9700	N	SD-6	UNVR	14874
12977	FLA012977	MWD-14879	HAINES CITY WWTP	A	A	2.9700	N	SD-1	UNVR	14879
12977	FLA012977	MWA-14882	HAINES CITY WWTP	A	C	2.9700	N	MONITOR WELL #12(20 ACRE SPRAY SITE)	UNVR	14882
13259	FLA013259	EFF-16363	SEBRING CAR WASH	A	A		N	EFFLUENT TO DRAINFIELD	UNVR	16363
13260	FLA013260	R-001	NATIONS BANK,N.A.(FORMERLY W.G.ROE&SONS,	A	A		N	EFFLUENT TO PERCOLATION POND	UNVR	16367
13260	FLA013260	MWC-5	NATIONS BANK,N.A.(FORMERLY W.G.ROE&SONS,	A	A		N	MW-5	UNVR	16370
13169	FLA013169	EFF-15743	HOLLY HILL FRUIT PRODUCTS CO., INC.	A	C		N	HOLLY HILLS SPRAYFIELD	UNVR	15743
13169	FLA013169	MWD-15744	HOLLY HILL FRUIT PRODUCTS CO., INC.	A	A		N	(NEW) DMW-S, SURFICIAL	UNVR	15744
13169	FLA013169	MWB-15749	HOLLY HILL FRUIT PRODUCTS CO., INC.	A	A		N	(NEW) UMW-N, SURFICIAL	UNVR	15749
14331	FLA014331	EFF-20846	ORANGE BLOSSOM FELLOWSHIP COMMUNITY	A	A	0.0100	N	Effluent sample point: After the chlorin	UNVR	20846
14380	FLA014380	MWB-20965	SUN PURE,LTD	A	A	1.0000	N	MW-12 (BACKGROUND)	UNVR	20965
14380	FLA014380	EFF-20968	SUN PURE,LTD	A	C	1.0000	N	EFFLUENT TO SPRAYFIELD	UNVR	20968
14380	FLA014380	MWS-20972	SUN PURE,LTD	A	A	1.0000	N	MW-6 (INTERMEDIATE)	UNVR	20972
14380	FLA014380	MWA-20976	SUN PURE,LTD	A	A	1.0000	N	WELL #2	UNVR	20976
14380	FLA014380	MWA-20981	SUN PURE,LTD	A	C	1.0000	N	WELL #2	UNVR	20981
14383	FLA014383	EFF-20988	LEISURE ACRES MHP	A	A	0.0450	N	LEISURE ACRES MHP M.O.R.	UNVR	20988
13660	FLA013660	MWC-04	L C DAIRY, INC. (FORMER DRESSEL DAIRY)	A	A		N	MW-4; COMPLIANCE WELL, LAGOON WELL	UNVR	17991
13660	FLA013660	MWB-01	L C DAIRY, INC. (FORMER DRESSEL DAIRY)	A	A		N	MW-1; BACKGROUND WELL FOR ENTIRE SITE	UNVR	17995
13139	FLA013139	MWC-15386	CITROSUCO NORTH AMERICA, INC. (FORMERLY	A	A		N	MW-3, Horizontal Compliance (48 acre sit	UNVR	15386
12022	FLA012022	EFF-01	HARDEE COUNTY CORRECTIONAL	A	A	0.2120	N	EFF AFTER DISINFECTION, PRIOR TO DISCHA	UNVR	11387
12949	FLA012949	EFA-14737	SUN RAY WWTP	A	A	0.2000	N	EFA-EFFLUENT-AFTER CHLORINATION PRIOR TO	UNVR	14737
13144	FLA013144	MWA-15460	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	MONITOR WELL NO.6 (COMPLIANCE)	UNVR	15460
13144	FLA013144	MWA-15461	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	MONITOR WELL NO. 5	UNVR	15461
13144	FLA013144	MWD-15465	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	MONITOR WELL #6A	UNVR	15465
13144	FLA013144	MWA-15474	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	WELL #1 - UPGRADIENT	UNVR	15474
13146	FL0000523	EFF-15502	CF INDUSTRIES, INC. - BARTOW CHEMICAL PL	A	A		Y	EFFLUENT 001 (IO53 171097)	UNVR	15502
14313	FLA014313	MWD-20806	CITY OF AVON PARK WWTP	A	A	1.5000	N	MONITORING WELL #3	UNVR	20806
14322	FLA014322	EFF-20824	WALKER MEMORIAL HOSPITAL	A	A		N	WALKER MEMORIAL HOSPITAL M.O.R.	UNVR	20824
14341	FLA014341	MWA-20864	DOUGLASS FERTILIZER AND CHEM INC	N	A		N	WELL AB-1	UNVR	20864
14401	FLA014401	MWC-21044	LAKE PLACID CITRUS GROWERS INC	A	A		N	WELL-4 (COMPLIANCE WELL) L.P.C.GROWERS	UNVR	21044
14311	FLA014311	EFF-20787	SEBRING CITY OF WWTF	A	A	2.0000	N	SEBRING, CITY OF M.O.R	UNVR	20787

14311	FLA014311	MWA-20791	SEBRING CITY OF WWTF	A	A	2.0000	N	MW-1 (DEEP)	UNVR	20791
14372	FLA014372	EFF-20950	LAKE BONNET VILLAGE	A	A	0.0400	N	After final treatment and before dischar	UNVR	20950
13079	FLA013079	R-001	CAMP INN RESORTS PH 3 & 4	A	A	0.0580	N	application system consiting of 2 perco/	UNVR	15178
13106	FLA013106	R-001	WARNER SOUTHERN COLLEGE WEST	A	A	0.0860	N	reuse	UNVR	15244
12977	FLA012977	MWB-14877	HAINES CITY WWTP	A	A	2.9700	N	SD-3	UNVR	14877
12977	FLA012977	MWD-14878	HAINES CITY WWTP	A	A	2.9700	N	SD-2	UNVR	14878
12977	FLA012977	MWA-14880	HAINES CITY WWTP	A	A	2.9700	N	MONITOR WELL #14(20 ACRE SPRYSITE)	UNVR	14880
13032	FLA013032	R-001	RAINBOW CHASE R.V. RESORT	A	A	0.0200	N	AFTER DISINFECTION, AND PRIOR TO DISCHAR	UNVR	15089
13260	FLA013260	MWC-6	NATIONS BANK,N.A.(FORMERLY W.G.ROE&SONS,	A	A		N	MW-6	UNVR	16369
13169	FLA013169	MWD-15747	HOLLY HILL FRUIT PRODUCTS CO., INC.	A	A		N	(NEW) DMW-N, SURFICIAL	UNVR	15747
13169	FLA013169	MWA-15750	HOLLY HILL FRUIT PRODUCTS CO., INC.	A	C		N	NORTH WELL, SOUTH FIELD (I)	UNVR	15750
13169	FLA013169	MWA-15752	HOLLY HILL FRUIT PRODUCTS CO., INC.	A	C		N	NORTHEAST WELL, NORTH FIELD (I)	UNVR	15752
13258	FLA013258	R-001	OAKLEY TRANSPORT, INC.	A	A		N	DISCHARGE TO SPRAY FIELD (16361)	UNVR	16361
14332	FLA014332	EFF-20847	REFLECTIONS ON SILVER LAKE INC	A	A	0.0850	N	REFLECTIONS ON SILVER LAKE, INC.	UNVR	20847
14380	FLA014380	MWA-20980	SUN PURE,LTD	A	C	1.0000	N	WELL #3	UNVR	20980
13016	FLA013016	MWD-15042	GRENELEFE RESORT & CONFERENCE CENTER	A	A	0.6800	N	MONITOR WELL JMW-3 COMPLIANCE)	UNVR	15042
13139	FLA013139	R-001	CITROSUCO NORTH AMERICA, INC. (FORMERLY	A	A		N	EFFLUENT TO 240 GRAPEFRUIT SPRAYFIELD	UNVR	15371
14360	FLA014360	MWA-20907	GEORGIA PACIFIC CORP FORM ST REGIS	A	A	0.0108	N	MW-2 (COMPLIANCE)	UNVR	20907
14360	FLA014360	MWB-20908	GEORGIA PACIFIC CORP FORM ST REGIS	A	A	0.0108	N	MW-3 (BKG-USGS WELL # 271226081194301)	UNVR	20908
14310	FLA014310	EFF-20781	CRACKER TRAIL ELEMENTARY SCHOOL	A	A	0.0150	N	CRACKER TRAIL ELEMENTARY SCHOOL	UNVR	20781
14345	FLA014345	PPI-20868	BRENTWOOD MOBILE COURT	A	A	0.0025	N	discharge from chlorine contact chamber	UNVR	20868
14362	FLA014362	MWD-20928	DAVIS ENTERPRISES INC	C	A	0.0030	N	COMPLIANCE	UNVR	20928
13144	FLA013144	EFF-15453	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	LAKE LIVINGSTON STA. #2 (CENTER OF LAKE)	UNVR	15453
13005	FLA013005	EFA-01	WHISPERING PINES MHP	A	A	0.0110	N	EFA-01 AFTER DISINFECTION, PRIOR TO DISC	UNVR	15006
14341	FLA014341	EFF-20861	DOUGLASS FERTILIZER AND CHEM INC	N	C		N	GW EFFLUENT ANALYSIS	UNVR	20861
12991	FLA012991	EFA-01	THREE WORLDS RV AND MOBILE HOME PARK	A	A	0.0390	N	EFA-01 AFTER DISINFECTION, PRIOR TO DISC	UNVR	14962
13004	FLA013004	EFA-01	TWIN FOUNTAINS MOBILE CONDOMINIUM S/D	A	A	0.0350	N	EFA-01 AFTER DISINFECTION AND BEFORE DIS	UNVR	15004
13038	FLA013038	EFF-15101	CROOKED LAKE PARK SEWERAGE COMPANY	A	A	0.0600	N	STP EFFLUENT	UNVR	15101
12977	FLA012977	MWA-14881	HAINES CITY WWTP	A	A	2.9700	N	MONITOR WELL #13(20 ACRE SPRAY SITE)	UNVR	14881
12977	FLA012977	MWA-14889	HAINES CITY WWTP	A	A	2.9700	N	MONITOR WELL #5(TREATMENT PLANT)	UNVR	14889
12977	FLA012977	MWD-14892	HAINES CITY WWTP	A	A	2.9700	N	MONITOR WELL #M-2(W OF PERC POND)	UNVR	14892
13092	FLA013092	EFA-15203	COUNTRY CLUB VILLAGE	A	A	0.0453	N	EFA- PRIOR TO DISCHARGE TO PERCOLATION P	UNVR	15203
13259	FLA013259	MWA-16365	SEBRING CAR WASH	A	A		N	MW-1 BACKGROUND	UNVR	16365
14324	FLA014324	R-001	MAHARISHI SCHOOL OF VEDIC SCIENCE	A	A	0.0088	N	maharishi school of vedic science	UNVR	20832
13169	FLA013169	MWA-15754	HOLLY HILL FRUIT PRODUCTS CO., INC.	A	C		N	NORTH WELL, NORTH FIELD (I)	UNVR	15754
14369	FLA014369	EFF-20943	BRUNNERS MOBILE HOME ESTATES	A	A	0.0150	N	Effluent sample: After final treatment a	UNVR	20943
14387	FLA014387	EFA-21003	FAIRMOUNT UTILITIES THE 2ND INC	A	A	0.0400	N	Effluent sample: After disinfection and	UNVR	21003
13139	FLA013139	R-EFF	CITROSUCO NORTH AMERICA, INC. (FORMERLY	A	A		N	EFF DISCHRG TO LAND APPL SITE	UNVR	15372

14334	FLA014334	EFF-20849	DAMON UTILITIES INC AKA CASA DEL LAGO	A	A	0.0500	N	CASA DEL LAGO	UNVR	20849
14362	FLA014362	MWS-20930	DAVIS ENTERPRISES INC	C	A	0.0030	N	BACKGROUND	UNVR	20930
13060	FLA013060	R-001	MOUSE M0UNTAIN RV & MOBILE HOME RESORT	A	A	0.0300	N	STP EFFLUENT after disinfection	UNVR	15149
13117	FLA013117	EFA-01	SADDLEBAG LAKE RESORT	A	A	0.0950	N	EFA01 - AFTER DISINFECTION AND PRIOR TO	UNVR	15266
13144	FLA013144	EFF-15459	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	EFFLUENT INTO LAKE REEDY	UNVR	15459
13144	FLA013144	MWB-15466	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	MONITOR WELL #1A	UNVR	15466
14313	FLA014313	MWB-20808	CITY OF AVON PARK WWTP	A	A	1.5000	N	MONITORING WELL #1	UNVR	20808
14357	FLA014357	EFA-20895	LAKE JOSEPHINE R.V. PARK	A	A	0.0250	N	Effluent point:After final treatment and	UNVR	20895
12996	FLA012996	EFA-01	FROSTPROOF TRAILER PARK	A	A	0.0120	N	EFA-01 AFTER DISINFECTION, PRIOR TO DISC	UNVR	14989
14335	FLA014335	EFF-20853	WOODY'S RV PARK/CYPRESS CENTER	A	A		N	WOODY'S R. V. PARK/CYPRESS CENTER	UNVR	20853
14341	FLA014341	MWA-20862	DOUGLASS FERTILIZER AND CHEM INC	N	A		N	WELL AB-3 (COMPL.)	UNVR	20862
14341	FLA014341	MWA-20863	DOUGLASS FERTILIZER AND CHEM INC	N	A		N	WELL AB-2 (COMPL.)	UNVR	20863
14316	FLA014316	R-01	HIGHLANDS OAKS RESORT	A	A	0.0150	N	dual evaporation/ perc ponds	UNVR	20811
11034	FLA011034	EFF-6600	BREEZE HILL MHP WWTP	A	A	0.0400	N	BREEZE HILL MHP	UNVR	6600
14311	FLA014311	MWA-20789	SEBRING CITY OF WWTF	A	A	2.0000	N	MW-3	UNVR	20789
14311	FLA014311	MWS-20794	SEBRING CITY OF WWTF	A	A	2.0000	N	SC-1 BACKGROUND WELL (CITY OF SEBRING)	UNVR	20794
14363	FLA014363	EFF-20932	LAKE COUNTRY LAUNDRY AND CLEANERS	A	A	0.0100	N	IN TOWN LAUNDRY	UNVR	20932
14377	FLA014377	EFF-20957	SEBRING GARDENS TRAILER PARK	A	A		N	SEBRING GARDENS TRAILER PARK	UNVR	20957
14378	FLA014378	EFF-20959	LAKEVIEW MOBILE HOME COURT	A	A	0.0150	N	after final treatment and before dischar	UNVR	20959
12983	FLA012983	EFA-14930	FROSTPROOF WWTP	A	A	0.0800	N	Effluent after disinfection.	UNVR	14930
14358	FLA014358	EFA-1	GOLDEN SUNSET RV RESORT	A	A	0.0550	N	Effluent from chlorine contact chamber	UNVR	20896
14374	FLA014374	EFF-20952	TU-CO-2 PEAT MINE	A	A	2.1600	N	POINT OF DISCHARGE	UNVR	20952
10827	FLA010827	OUT-5566	FLORIDA ROCK/CARDER ROAD CONCRETE BATCH	A	A	0.0050	N	OUTFALL 001-STORMWATER CONTROL STRUCTURE	UNVR	5566
13252	FLA013252	MWC-2	HUNT BROTHERS COOPERATIVE, INC.	A	A		N	Complianc well	UNVR	16332
13274	FLA013274	MWC-4	BEN HILL GRIFFIN, INC.-PACKING HOUSE & F	A	A		N	Compliance Well # 4	UNVR	16417
12977	FLA012977	MWD-14876	HAINES CITY WWTP	A	A	2.9700	N	SD-4	UNVR	14876
13252	FLA013252	EFF-1	HUNT BROTHERS COOPERATIVE, INC.	A	A		N	DETENTION POND EFFLUENT	UNVR	16329
13169	FLA013169	EFF-15741	HOLLY HILL FRUIT PRODUCTS CO., INC.	A	A		N	SEWER LINE OUTLET (OUTFALL 002)	UNVR	15741
13169	FLA013169	MWA-15753	HOLLY HILL FRUIT PRODUCTS CO., INC.	A	C		N	EAST WELL, NORTH FIELD (I)	UNVR	15753
14380	FLA014380	MWS-20964	SUN PURE,LTD	A	A	1.0000	N	MW-6 (INTERMEDIATE)	UNVR	20964
14380	FLA014380	MWA-20975	SUN PURE,LTD	A	A	1.0000	N	WELL #3	UNVR	20975
14380	FLA014380	MWA-20977	SUN PURE,LTD	A	A	1.0000	N	WELL #1	UNVR	20977
14384	FLA014384	EFF-20991	HAMMOCK MOBILE ESTATES WWTF	A	A	0.0220	N	HAMMOCK MOBILE ESTATES M.O.R.	UNVR	20991
13016	FLA013016	EFF-15040	GRENELEFE RESORT & CONFERENCE CENTER	A	A	0.6800	N	STP EFFLUENT	UNVR	15040
13016	FLA013016	MWD-15045	GRENELEFE RESORT & CONFERENCE CENTER	A	A	0.6800	N	MONITOR WELL JMW-5 (COMPLIANCE)	UNVR	15045
13016	FLA013016	MWA-15047	GRENELEFE RESORT & CONFERENCE CENTER	A	A	0.6800	N	OLD MONITOR WELL #2 (ABANDONED)	UNVR	15047
13139	FLA013139	MWB-1	CITROSUCO NORTH AMERICA, INC. (FORMERLY	A	A		N	MW-1, 48 acre site	UNVR	15388
13660	FLA013660	MWC-02A	L C DAIRY, INC. (FORMER DRESSEL DAIRY)	A	A		N	MW-2A; COMPLIANCE WELL, WSP PEIZOMETER W	UNVR	17993

14360	FLA014360	EFF-20902	GEORGIA PACIFIC CORP FORM ST REGIS	A	A	0.0108	N	GWMP EFFLUENT ANALYSIS	UNVR	20902
14360	FLA014360	MWA-20906	GEORGIA PACIFIC CORP FORM ST REGIS	A	A	0.0108	N	MW-1 (COMPLIANCE)	UNVR	20906
14362	FLA014362	MWD-20929	DAVIS ENTERPRISES INC	C	A	0.0030	N	INTERMEDIATE	UNVR	20929
13114	FLA013114	R-001	PARAKEET MHP	A	A	0.0150	N	STP EFFLUENT	UNVR	15256
13144	FLA013144	EFF-15456	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	EFFLUENT TO SPRAYFIELD	UNVR	15456
13144	FLA013144	EFF-15458	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	EFFLUENT TO SPRAYFIELD	UNVR	15458
13144	FLA013144	MWD-15468	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	MW-1, NEW	UNVR	15468
14313	FLA014313	MWD-20805	CITY OF AVON PARK WWTP	A	A	1.5000	N	MONITORING WELL #4	UNVR	20805
13090	FLA013090	EFA-01	WHIDDEN MHP & RV PARK	A	A	0.0057	N	EFA-01 AFTER DISINFECTION, PRIOR TO DISC	UNVR	15200
14336	FLA014336	R-01	HARDER HALL WWTP	A	A		N	three perc ponds	UNVR	20854
13128	FLA013128	EFF-15288	SOUTHERN PINES RV & MH RESORT	A	A	0.0450	N	STP EFFLUENT	UNVR	15288
14400	FLA014400	EFF-21039	LAKE PLACID GROVES	A	A	0.0180	N	EFFLUENT <GW SITE>	UNVR	21039
14311	FLA014311	EFF-20786	SEBRING CITY OF WWTF	A	A	2.0000	N	GW EFFLUENT ANALYSIS	UNVR	20786
14382	FLA014382	EFF-20984	OHRTS MOBILE VILLAGE	A	A		N	OHRTS MOBILE VILLAGE M.O.R.	UNVR	20984
12977	FLA012977	MWA-14883	HAINES CITY WWTP	A	A	2.9700	N	MONITOR WELL #11(20 ACRE SPRAY SITE)	UNVR	14883
12977	FLA012977	MWA-14887	HAINES CITY WWTP	A	A	2.9700	N	MONITOR WELL #7(320 ACRE SPRAY SITE)	UNVR	14887
12977	FLA012977	MWB-14893	HAINES CITY WWTP	A	A	2.9700	N	MONITOR WELL #M-1(NE OF PERC POND)	UNVR	14893
13252	FLA013252	MWC-1	HUNT BROTHERS COOPERATIVE, INC.	A	A		N	Compliance well	UNVR	16331
14321	FLA014321	EFF-20820	PINE RIDGE PARK, INC.	A	A	0.0350	N	PINE RIDGE PARK, INC.	UNVR	20820
14330	FLA014330	EFF-20845	SEBRING GROVE CAMPGROUND	A	A	0.0100	N	SEBRING GROVE CAMPGROUND M.O.R.	UNVR	20845
10985	FLA010985	EFF-6426	21 PALMS WWTF	A	A	0.0200	N	ELAPSED TIME METER ON INFLUENT LIFT STAT	UNVR	6426
13003	FLA013003	EFA-01	CAMP'N AIRE CAMPGROUND WWTF	A	A	0.0127	N	EFA-01-15002 AFTER DISINFECTION AND PR	UNVR	15002
13169	FLA013169	MWD-15745	HOLLY HILL FRUIT PRODUCTS CO., INC.	A	A		N	(NEW) IMW-S	UNVR	15745
13169	FLA013169	MWD-15746	HOLLY HILL FRUIT PRODUCTS CO., INC.	A	A		N	(NEW) UMW-S, SURFICIAL	UNVR	15746
14380	FLA014380	MWD-20963	SUN PURE,LTD	A	A	1.0000	N	MW-11 (COMPLIANCE)	UNVR	20963
14380	FLA014380	EFF-20966	SUN PURE,LTD	A	A	1.0000	N	EFFLUENT TO SPRAYFIELD	UNVR	20966
14380	FLA014380	EFF-20967	SUN PURE,LTD	A	A	1.0000	N	EFFLUENT TO POND	UNVR	20967
14380	FLA014380	MWD-20970	SUN PURE,LTD	A	A	1.0000	N	MW-11 (COMPLIANCE)	UNVR	20970
14380	FLA014380	MWA-20978	SUN PURE,LTD	A	C	1.0000	N	WELL #5	UNVR	20978
14380	FLA014380	MWA-20979	SUN PURE,LTD	A	C	1.0000	N	WELL #4	UNVR	20979
13016	FLA013016	MWB-15048	GRENELEFE RESORT & CONFERENCE CENTER	A	A	0.6800	N	MONITOR WELL JMW-1	UNVR	15048
13139	FLA013139	MWI-2	CITROSUCO NORTH AMERICA, INC. (FORMERLY	A	A		N	MW-2, 48 acre site	UNVR	15387
14329	FLA014329	EFF-20844	TOMOKA HEIGHTS WWTP/PLACID UTILITIES	A	A	0.2000	N	TOMOKA HEIGHTS	UNVR	20844
14385	FLA014385	EFA-20993	FRANCIS MOBILE ESTATES WWTP	A	A		N	Combined effluent from CCC in two parall	UNVR	20993
13144	FLA013144	MWA-15462	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	MONITOR WELL # 4	UNVR	15462
13144	FLA013144	MWA-15470	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	WELL #5 - DOWNSTREAM SOUTH	UNVR	15470
13244	FLA013244	EFF-16297	RINKER MATERIALS CORPORATION-DAVENPORT S	A	A		N	STAND. SAND &SILICA(DAVENPORT MINE)	UNVR	16297
13084	FLA013084	EFA-15189	HOLIDAY INN EXPRESS WWTP	A	A	0.0250	N	STP EFFLUENT	UNVR	15189

13016	FLA013016	MWD-15044	GRENELEFE RESORT & CONFERENCE CENTER	A	A	0.6800	N	MONITOR WELL JMW-4 (COMPLIANCE).	UNVR	15044
13660	FLA013660	R-001	L C DAIRY, INC. (FORMER DRESSEL DAIRY)	A	A		N	GROUP OF SPARYFIELDS (EFFLUENT FROM WSP)	UNVR	17990
13660	FLA013660	MWC-03	L C DAIRY, INC. (FORMER DRESSEL DAIRY)	A	A		N	MW-3; COMPLIANCE WELL, SPRAYFIELD	UNVR	17992
14367	FLA014367	EFF-20937	OAK RIDGE MOBILE HOME PARK	A	A		N	OAK RIDGE MOBILE HOME PARK	UNVR	20937
13077	FLA013077	R-001	WARNER SOUTHERN COLLEGE	A	A	0.0200	N	REUSE	UNVR	15174
13112	FLA013112	EFA-01	CHELETTE MANOR MHP WWTP	A	A	0.0100	N	EFA-01-15252 AFTER DISINFECTION AND PRI	UNVR	15252
14347	FLA014347	EFA-20872	LAKE JUNE HILLS STP	A	A	0.0200	N	after final treatment and before dischar	UNVR	20872
11052	FLA011052	R-01	JENNINGS RESORT STP	A	A	0.0120	N	discharge to perc. ponds	UNVR	6671
13144	FLA013144	EFF-15457	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	DISCHARGE TO LAKE REEDY	UNVR	15457
13144	FLA013144	MWD-15463	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	MONITOR WELL #8	UNVR	15463
13144	FLA013144	MWD-15464	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	MONITOR WELL #7	UNVR	15464
13144	FLA013144	MWS-15467	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	MW-6 SOLID WASTE AREA	UNVR	15467
13144	FLA013144	MWA-15469	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	UNDERDRAIN EFFLUENT	UNVR	15469
13144	FLA013144	MWA-15472	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	WELL #3 - DOWNSTREAM NORTH	UNVR	15472
14386	FLA014386	EFF-21000	LAKE PLACID UTILITIES AKA SUN'N LAKE, LA	A	A		N	After final treatment and before dischar	UNVR	21000
14400	FLA014400	MWD-21040	LAKE PLACID GROVES	A	A	0.0180	N	MW-3 <CMPLIANCE WELL>	UNVR	21040
14400	FLA014400	MWD-21041	LAKE PLACID GROVES	A	A	0.0180	N	MW-2 <INTERMEDIATE>	UNVR	21041
14400	FLA014400	MWB-21042	LAKE PLACID GROVES	A	A	0.0180	N	MW-1 <BACKGROUND>	UNVR	21042
14401	FLA014401	EFF-21043	LAKE PLACID CITRUS GROWERS INC	A	A		N	GWMP EFFLUENT REPORTS	UNVR	21043
13080	FLA013080	EFF-15180	CAMP INN RESORTS NO. 1 & 2	A	A	0.0550	N	STP EFFLUENT	UNVR	15180
13110	FLA013110	EFA-01	CENTER CREST RVP WWTF	A	A	0.0600	N	AFTER DISINFECTION, AND PRIOR TO DISCHAR	UNVR	15250
14311	FLA014311	MWA-20790	SEBRING CITY OF WWTF	A	A	2.0000	N	MW-2 (SHALLOW)	UNVR	20790
14311	FLA014311	MWA-20797	SEBRING CITY OF WWTF	A	A	2.0000	N	WELL 7 (DOWNGR. EDGE OF POND)	UNVR	20797
14392	FLA014392	EFF-1	SUDAN INTERIOR MISSION	A	A	0.0200	N	Treated effluent sampling point	UNVR	21022
12977	FLA012977	MWA-14884	HAINES CITY WWTP	A	A	2.9700	N	MONITOR WELL #10(320 ACRE SPRAY SITE)	UNVR	14884
12977	FLA012977	MWB-14890	HAINES CITY WWTP	A	A	2.9700	N	MONITOR WELL #4(TREATMENT PLANT)	UNVR	14890
13029	FLA013029	R-001	BASEBALL CITY SPORTS COMPLEX	A	A	0.0600	N	STP EFFLUENT Site Nu# EFF-15083	UNVR	15083
13252	FLA013252	MWB-3	HUNT BROTHERS COOPERATIVE, INC.	A	A		N	Background well	UNVR	16330
13259	FLA013259	MWA-16364	SEBRING CAR WASH	A	A		N	MW-2 COMPLIANCE	UNVR	16364
13260	FLA013260	MWI-1	NATIONS BANK,N.A.(FORMERLY W.G.ROE&SONS,	A	A		N	MW-1	UNVR	16374
13274	FLA013274	MWC-5	BEN HILL GRIFFIN, INC.-PACKING HOUSE & F	A	A		N	Compliance Well # 5	UNVR	16418
13274	FLA013274	MWC-6	BEN HILL GRIFFIN, INC.-PACKING HOUSE & F	A	A		N	Compliance Well # 6	UNVR	16420
14348	FLA014348	EFF-20873	BUTTONWOOD BAY UTILITIES, INC.	A	A	0.0980	N	BUTTONWOOD BAY UTILITIES, INC.	UNVR	20873
14391	FLA014391	EFF-21020	MARANATHA VILLAGE	A	A	0.0500	N	MARANATHA VILLAGE M.O.R	UNVR	21020
14398	FLA014398	EFF-21037	HILLCREST NURSING HOME WWTP	A	A	0.0100	N	Effluent point after CCC.	UNVR	21037
11030	FLA011030	EFF-6580	NORTH LAKE PIERCE WWTP	A	A	0.0950	N	SUN AIR (NORTH LAKE PIERCE)	UNVR	6580
13169	FLA013169	MWD-15748	HOLLY HILL FRUIT PRODUCTS CO., INC.	A	A		N	(NEW) IMW-N, SURFICIAL	UNVR	15748
14380	FLA014380	MWD-20971	SUN PURE,LTD	A	A	1.0000	N	MW-10	UNVR	20971

14380	FLA014380	MWA-20974	SUN PURE,LTD	A	A	1.0000	N	WELL #4	UNVR	20974
12967	FLA012967	MWD-14799	NORTHEAST REGIONAL WWTF	A	A	0.6000	N	MONITOR WELL #1	UNVR	14799
13016	FLA013016	MWA-15046	GRENELEFE RESORT & CONFERENCE CENTER	A	A	0.6800	N	OLD MONITOR WELL #3 (ABANDONED)	UNVR	15046
14354	FLA014354	EFF-20885	WHISPERING PINES VILLAGE MHP	A	A	0.0200	N	WHISPERING PINES VILLAGE	UNVR	20885
11050	FLA011050	EFF-1	MASTERPIECE GARDENS WWTF	A	A	0.0200	N	EFFLUENT PIPE AT ABSORPTION FIELD	UNVR	6663
12998	FLA012998	R-001	LAKEMONT RIDGE MHP (ROBARTS MHP)	A	A	0.0300	N	REUSE	UNVR	14992
14362	FLA014362	EFF-20927	DAVIS ENTERPRISES INC	C	A	0.0030	N	GROUNDWATER COMPLIANCE MON. PT.	UNVR	20927
14388	FLA014388	EFF-21005	LEISURE LAKES UTITILIES AKA:COVERED BRID	A	A		N	LEISURE LAKES UTILITIES	UNVR	21005
14313	FLA014313	R-01	CITY OF AVON PARK WWTP	A	A	1.5000	N	eight evap/perc ponds	UNVR	20803
13144	FLA013144	EFF-15454	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	LAKE LIVINGSTON STA. # 1	UNVR	15454
13144	FLA013144	MWA-15473	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	WELL #2 - SPRAYFIELD	UNVR	15473
14313	FLA014313	MWD-20807	CITY OF AVON PARK WWTP	A	A	1.5000	N	MONITORING WELL #2	UNVR	20807
14326	FLA014326	R-01	BRASWELL HERITAGE ESTATES INC	A	A	0.0234	N	one rapid infiltration basin (perc pond)	UNVR	20837
13046	FLA013046	EFF-15118	LK. AURORA CHRISTIAN ASS. CAMP WWTP	A	A	0.0160	N	LAKE AURORA CHRISTIAN ASSEMBLY WWTP	UNVR	15118
14311	FLA014311	MWA-20788	SEBRING CITY OF WWTF	A	A	2.0000	N	MW-5	UNVR	20788
14311	FLA014311	MWD-20792	SEBRING CITY OF WWTF	A	A	2.0000	N	CS-3 COMPLIANCE WELL (CITY OF SEBRING)	UNVR	20792
14311	FLA014311	MWA-20795	SEBRING CITY OF WWTF	A	C	2.0000	N	BKG.WELL 2-USE 5228A12115(YTCS WELL)	UNVR	20795
13078	FLA013078	EFF-15176	LA CASA CONDOMINIUMS	A	A	0.0300	N	STP EFFLUENT	UNVR	15176
12963	FLA012963	EFA-14787	FROSTPROOF JR/SR HIGH SCH	A	A	0.0320	N	EFA01 - AFTER DISINFECTION AND PRIOR TO	UNVR	14787
12977	FLA012977	EFA-01	HAINES CITY WWTP	A	A	2.9700	N	EFFLUENT TO PERCOLATION POND AND PUBLIC	UNVR	14872
12977	FLA012977	MWB-14888	HAINES CITY WWTP	A	A	2.9700	N	MONITOR WELL #6(320 ACRE SPRAY SITE)	UNVR	14888
13125	FLA013125	EFF-15283	MIDWAY RESORT PARK	A	A	0.0150	N	STP EFFLUENT	UNVR	15283
13260	FLA013260	MWB-7	NATIONS BANK,N.A.(FORMERLY W.G.ROE&SONS,	A	A		N	MW-7	UNVR	16368
14370	FLA014370	EFF-20945	LAKE JUNE MOTEL & TRAILER PARK	A	A	0.0050	N	Discharge from CCC after final treatment	UNVR	20945
12997	FLA012997	EFF-01	DAVENPORT MOBILE HOME ESTATES	A	A	0.0200	N	EFF-01 AFTER DISINFECTION, PRIOR TO DISC	UNVR	14990
14380	FLA014380	MWA-20982	SUN PURE,LTD	A	C	1.0000	N	WELL #1	UNVR	20982
13016	FLA013016	MWD-15041	GRENELEFE RESORT & CONFERENCE CENTER	A	A	0.6800	N	MONITOR WELL JMW-6 (COMPLIANCE)	UNVR	15041
14360	FLA014360	MWD-20909	GEORGIA PACIFIC CORP FORM ST REGIS	A	A	0.0108	N	MW-4 (INTERMEDIATE)	UNVR	20909
14318	FLA014318	EFF-20813	BANYAN WOODS APARTMENTS WWTF	A	A		N	BANYAN WOODS	UNVR	20813
13144	FLA013144	MWA-15471	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	WELL #4 - DOWNSTREAM CENTER	UNVR	15471
14393	FLA014393	EFA-21026	SUNNY PINES RV & MHP	A	A	0.0200	N	Effluent after chlorine contact chamber	UNVR	21026
13050	FLA013050	EFA-01	WEBBER COLLEGE WWTP	A	A	0.0190	N	EFA-01 EFFLUENT-AFTER CHLORINATION, PRI	UNVR	15128
14401	FLA014401	MWB-21045	LAKE PLACID CITRUS GROWERS INC	A	A		N	WELL-3 (BACKGROUND WELL) L.P.C.GROWERS	UNVR	21045
14401	FLA014401	MWC-21046	LAKE PLACID CITRUS GROWERS INC	A	A		N	WELL-2 (SITE BOUNDARY) L.P.C.GROWERS	UNVR	21046
14401	FLA014401	MWC-21047	LAKE PLACID CITRUS GROWERS INC	A	A		N	WELL #1 (COMPLIANCE WELL) L.P.C.GROWERS	UNVR	21047
13023	FLA013023	R-001	SHADY OAKS MHP	A	A	0.0100	N	R001 - WAFR DATA ONLY, No Sampling	UNVR	15067
14311	FLA014311	MWA-20798	SEBRING CITY OF WWTF	A	A	2.0000	N	WELL 4 (COMPLIANCE)aka CS-4	UNVR	20798
14312	FLA014312	EFA-20802	TOWN OF LAKE PLACID	A	A		N	After the chlorine contact chamber and b	UNVR	20802

14395	FLA014395	EFF-21031	ALPINE MHP AKA ALPINE VILLAGE R.O.C., IN	A	A	0.0100	N	ALPINE MHP M.O.R.	UNVR	21031
12977	FLA012977	MWA-14885	HAINES CITY WWTP	A	A	2.9700	N	MONITOR WELL #9(320 ACRE SPRAY SITE)	UNVR	14885
13089	FLA013089	EFA-15199	CLINCH LAKE MOBIL PARK	A	A	0.0105	N	AFTER DISINFECTION, PRIOR TO DISCHARGE I	UNVR	15199
14368	FLA014368	EFF-20939	PARADISE MOBILE VILLAGE WWTF	A	A	0.0150	N	After final treatment/disinfection and b	UNVR	20939
12977	FLA012977	MWA-14886	HAINES CITY WWTP	A	A	2.9700	N	MONITOR WELL #8(320 ACRE SPRAY SITE)	UNVR	14886
13057	FLA013057	EFA-01	BISHOP GRAY INN WWTF	A	A	0.0250	N	AFTER DISINFECTION, AND PRIOR TO DISCHAR	UNVR	15142
12965	FLA012965	EFA-01	DAVENPORT ELEMENTARY SCHOOL WWTP	A	A	0.0100	N	EFFLUENT-AFTER CHLORINATION, PRIOR TO LA	UNVR	14790
12977	FLA012977	MWD-14873	HAINES CITY WWTP	A	A	2.9700	N	SD-7	UNVR	14873
14352	FLA014352	EFF-20879	MIDWEST MHP AKA BUCHANAN MHP	A	A		N	Effluent from CCC.	UNVR	20879
12977	FLA012977	MWS-14875	HAINES CITY WWTP	A	A	2.9700	N	SD-5	UNVR	14875
13169	FLA013169	MWA-15751	HOLLY HILL FRUIT PRODUCTS CO., INC.	A	C		N	SOUTHWEST WELL, SOUTH WELL (I)	UNVR	15751
14353	FLA014353	EFF-20882	HIGHLANDS UTIL. CORP. AKA PUGH #1	A	A	0.0600	N	After final treatment/disinfection and b	UNVR	20882
13016	FLA013016	MWD-15043	GRENELEFE RESORT & CONFERENCE CENTER	A	A	0.6800	N	MONITOR WELL JMW-2 COMPLIANCE)	UNVR	15043
12977	FLA012977	MWD-14891	HAINES CITY WWTP	A	A	2.9700	N	MONITOR WELL #M-3(SE OF PERC POND)	UNVR	14891
14371	FLA014371	EFF-20947	TROPICAL HARBOR MHP WWTF	A	A		N	After final treatment/disinfection and b	UNVR	20947
14375	FL0034029	EFF-20955	TAMPA ELECTRIC DINNER LAKE PLANT	A	A	20.6000	Y	COOLING WATER DISCHARGE	UNVR	20955
13274	FLA013274	MWB-2	BEN HILL GRIFFIN, INC.-PACKING HOUSE & F	A	A		N	Background Well # 2	UNVR	16419
14344	FLA014344	EFF-1	TOWN & COUNTRY MOBILE ESTATES STP	A	A	0.0150	N	After the CCC and prior to discharge to	UNVR	20866
14375	FL0034029	EFF-20954	TAMPA ELECTRIC DINNER LAKE PLANT	A	C	20.6000	Y	SEBRING UTILITIES COMMISSION	UNVR	20954
14349	FLA014349	R-001	SEBRING RIDGE UTILITIES	A	A		N	SEBRING RIDGE UTILITIES M.O.R.	UNVR	20874
14313	FLA014313	EFF-20804	CITY OF AVON PARK WWTP	A	A	1.5000	N	AVON PARK WATER POLLUTION CONTROL FAC.	UNVR	20804
12961	FLA012961	EFF-14776	LAKEVIEW PARK	A	A	0.0300	N	STP EFFLUENT	UNVR	14776
13144	FLA013144	EFF-15455	CARGILL CITRO-AMERICA, INC.-FROSTPROOF	A	A		N	EFFLUENT TO SPRAYFIELD (PUMPING ST.)	UNVR	15455
13058	FLA013058	R-001	BOB'S LANDING WWTP	A	A	0.0060	N	After disinfection prior to land applica	UNVR	15144
14356	FLA014356	EFF-20891	LAKESIDE VILLAGE M. H. P.	A	A	0.0300	N	LAKESIDE VILLAGE M. H. P.	UNVR	20891
14380	FLA014380	MWB-20969	SUN PURE,LTD	A	A	1.0000	N	MW-12 (BACKGROUND)	UNVR	20969
14380	FLA014380	MWA-20973	SUN PURE,LTD	A	A	1.0000	N	WELL #5	UNVR	20973

WAFR_FACIL	FACILITY_I	SITE_ID	NAME	FACILITY	STATUS	CAPACITY	NPDES	DESCRIPTIO	METHOD	WAFR_SITE
13376	FLA013376	MWD-16724	VENICE, CITY OF - ISLAND BEACH WWTP	A	A	0.5500	N	MONITORING WELL #8	UNVR	16724
14126	FLA014126	MWS-20211	ENGLEWOOD WATER DISTRICT SOUTH	A	A	1.2000	N	LB-2 (COMPLIANCE WELL) LEMON BAY C.C.	UNVR	20211
13424	FLA013424	MWC-3	SOUTHBAY UTILITIES	A	A	0.2250	N	MWC #3 (COMPLIANCE)	UNVR	16981
13424	FLA013424	MWC-2	SOUTHBAY UTILITIES	A	A	0.2250	N	MWC #2 (COMPLIANCE)	UNVR	16982
13411	FL0032808	EFD-01	SOUTH GATE AWWTP	A	A	1.3600	Y	EFD-01-16943 AT OUTLET FROM DE-CHLOR BA	UNVR	16943
13473	FL0035335	EFF-2	VENICE, CITY OF - R/O PLANT	A	A	0.3920	Y	Effluent Sampling point	UNVR	17180
13473	FL0035335	SWA-17181	VENICE, CITY OF - R/O PLANT	A	A	0.3920	Y	IN-STREAM MONITORING STATION 001B	UNVR	17181
14053	FLA014053	MWB-19943	SANDALHAVEN UTILITIES STP	A	A		N	SU-2 (INTERMEDIATE WELL) SANDALHAVEN UTL	UNVR	19943
14053	FLA014053	MWB-19947	SANDALHAVEN UTILITIES STP	A	A		N	WELL 1	UNVR	19947
13376	FLA013376	MWD-16727	VENICE, CITY OF - ISLAND BEACH WWTP	A	A	0.5500	N	MONITORING WELL #1A	UNVR	16727
13463	FLA013463	R-001	CARDIO RESEARCH, INC.	A	A	0.0075	N	an existing 0.0075 mgd aadf land applica	UNVR	17134
14063	FLA014063	EFF-19979	KNIGHT ISLAND UTILITIES INC	A	A	0.0300	N	KNIGHT ISLAND UTILITIES REJECT #85	UNVR	19979
14063	FLA014063	MWA-19983	KNIGHT ISLAND UTILITIES INC	A	A	0.0300	N	PALM ISLAND VILLAGE REJECT WELL #CH-86	UNVR	19983
14118	FLA014118	EFF-20185	INDIGO ISLES MHP OWNERS ASSOC INC	A	A		N	INDIGO ISLES M.O.R	UNVR	20185
14055	FLA014055	EFF-19954	BAYVIEW EAST CONDO.	A	A	0.0075	N	effluent from sand filter to drainfield	UNVR	19954
14126	FLA014126	MWI-20210	ENGLEWOOD WATER DISTRICT SOUTH	A	A	1.2000	N	LB-3 (COMPLIANCE WELL) LEMON BAY C.C.	UNVR	20210
13428	FLA013428	EFF-01	MANASOTA BEACH GARDENS WWTP	A	A	0.0090	N	EFF-01-17004 FINAL EFFLUENT, AFTER DISI	UNVR	17004
13473	FL0035335	EFF-17183	VENICE, CITY OF - R/O PLANT	A	A	0.3920	Y	REJECT OUTFALL 001	UNVR	17183
14053	FLA014053	SWA-19948	SANDALHAVEN UTILITIES STP	A	A		N	LEMON CREEK SURF. WATER MONIT SITE SW-1	UNVR	19948
14064	FLA014064	EFF-19987	LANDINGS ON LEMON BAY	A	A	0.0099	N	LANDINGS OF LEMON BAY	UNVR	19987
13396	FLA013396	R-001	HAPPY HAVEN MHP	A	A	0.0075	N	EFF FINAL EFFLUENT SAMPLE POINT	UNVR	16884
13376	FLA013376	MWD-16731	VENICE, CITY OF - ISLAND BEACH WWTP	A	C	0.5500	N	MONITORING WELL #5	UNVR	16731
14063	FLA014063	EFF-19978	KNIGHT ISLAND UTILITIES INC	A	A	0.0300	N	KNIGHT ISLAND UTILITIES REJECT #86	UNVR	19978
14063	FLA014063	MWA-19984	KNIGHT ISLAND UTILITIES INC	A	A	0.0300	N	PALM ISLAND VILLAGE REJECT WELL #CH-85	UNVR	19984
13410	FL0032816	EFD-01	GULF GATE AWWTP	A	A	1.8000	Y	EFD-01-16939 AT OUTLET FROM DE-CHLOR BA	UNVR	16939
14076	FLA014076	EFF-20024	EL GALEON MOTEL STP	A	A	0.0250	N	EL GALEON MOTEL M.O.R.	UNVR	20024
14095	FLA014095	EFF-20079	KNIGHT ISLAND UTILITIES WWTP	A	A	0.0550	N	Effluent sample point : Effluent sample	UNVR	20079
14097	FLA014097	EFF-20085	BIZZY BUZZY'S COIN LAUNDRY	A	C		N	EFFLUENT DISCHARGE TO DRAINFIELD	UNVR	20085
14100	FL0039128	EFF-20108	GASPARILLA PINES RO WATER PLT	A	A	0.2500	Y	MIXING ZONE PT. 1	UNVR	20108
13473	FL0035335	EFF-17179	VENICE, CITY OF - R/O PLANT	A	A	0.3920	Y	CITY OF VENICE WATER TREATMENT PLANT	UNVR	17179
13379	FL0041441	MWC-16803	VENICE EASTSIDE WWTP	A	A	2.1000	Y	BB-1 MONITOR WELL LOCATION BIRD BAY GC	UNVR	16803
14063	FLA014063	EFF-19980	KNIGHT ISLAND UTILITIES INC	A	A	0.0300	N	KNIGHT ISLAND UTILITIES FEED #84	UNVR	19980
13424	FLA013424	MWC-4	SOUTHBAY UTILITIES	A	A	0.2250	N	MWC #4 (COMPLIANCE)	UNVR	16980
14053	FLA014053	MWA-19950	SANDALHAVEN UTILITIES STP	A	P		N	WELL 5	UNVR	19950
13394	FLA013394	EFF-01	CORAL COVE TRUST WWTP	A	A	0.0050	N	EFF-01-16880 FINAL EFFLUENT, AFTER DISI	UNVR	16880
13392	FLA013392	EFF-16875	HERON BAY CLUB WWTP	A	A	0.0075	N	EFF FINAL EFFLUENT SAMPLE POINT	UNVR	16875
13424	FLA013424	MWB-1	SOUTHBAY UTILITIES	A	A	0.2250	N	MWC #1 (BACKGROUND)	UNVR	16983

14100	FL0039128	EFF-20107	GASPARILLA PINES RO WATER PLT	A	A	0.2500	Y	EFFLUENT SAMPLE POINT	UNVR	20107
13420	FLA013420	EFF-16971	FAIR WINDS CONDOMINIUM	A	A	0.0170	N	STP EFFLUENT	UNVR	16971
14053	FLA014053	MWD-19946	SANDALHAVEN UTILITIES STP	A	C		N	WELL 2 (GOLF COURSE-INACTIVE)	UNVR	19946
14053	FLA014053	MWD-19949	SANDALHAVEN UTILITIES STP	A	P		N	WELL 6	UNVR	19949
14078	FLA014078	R-01	HIDEAWAY BAY BEACH CLUB CONDO ASSOCIATIO	A	A	0.0210	N	Two absorption fields	UNVR	20029
13483	FLA013483	EFF-17200	SINGELTARY CONCRETE	A	A		N	DISCHARGE TO A DITCH/INTRACOASTAL WATERW	UNVR	17200
13414	FLA013414	EFF-01	TRI-STATE MOBILE HOME PARK	A	A	0.0100	N	EFF-01-16956 FINAL EFFLUENT, AFTER DISI	UNVR	16956
14063	FLA014063	MWS-19985	KNIGHT ISLAND UTILITIES INC	A	A	0.0300	N	PALM ISLAND VILLAGE FEED WELL #CH-84	UNVR	19985
14089	FLA014089	EFA-1	GASPARILLA MOBILE ESTATES	A	A	0.0250	N	Effluent Sample: After disinfection and	UNVR	20061
14126	FLA014126	MWB-20212	ENGLEWOOD WATER DISTRICT SOUTH	A	A	1.2000	N	LB-1 (BACKGROUND WELL) LEMON BAY C.C.	UNVR	20212
13424	FLA013424	EFF-16979	SOUTHBAY UTILITIES	A	A	0.2250	N	EFF AFTER FILTRATION AND DISINFECTION, P	UNVR	16979
13368	FLA013368	EFF-01	NOKOMIS COMMUNITY PARK WWTP	A	A	0.0068	N	EFF-01-16680 AFTER DISINFECTION AND PRI	UNVR	16680
14053	FLA014053	MWD-19944	SANDALHAVEN UTILITIES STP	A	A		N	WELL 4 (GOLF COUIRSE)	UNVR	19944
13376	FLA013376	MWA-16726	VENICE, CITY OF - ISLAND BEACH WWTP	A	C	0.5500	N	MONITORING WELL #6	UNVR	16726
13430	FLA013430	EFF-17008	LYONS COVE CONDO	A	A	0.0050	N	STP EFFLUENT,after disinfection and filt	UNVR	17008
13393	FLA013393	EFF-01	PALM & PINES MHP WWTP	A	A	0.0140	N	EFF-01-16878 FINAL EFFLUENT, AFTER DISI	UNVR	16878
13423	FLA013423	EFF-01	ARBORS MOBILE HOME PARK WWTP	A	A	0.0300	N	EFF-01-16977 FINAL EFFLUENT, AFTER DISN	UNVR	16977
14053	FLA014053	EFF-19942	SANDALHAVEN UTILITIES STP	A	A		N	After final treatment and before dischar	UNVR	19942
13376	FLA013376	MWD-16725	VENICE, CITY OF - ISLAND BEACH WWTP	A	C	0.5500	N	MONITORING WELL #7	UNVR	16725
13376	FLA013376	MWA-16728	VENICE, CITY OF - ISLAND BEACH WWTP	A	A	0.5500	N	MONITORING WELL #2	UNVR	16728
13376	FLA013376	MWD-16729	VENICE, CITY OF - ISLAND BEACH WWTP	A	A	0.5500	N	MONITORING WELL #3	UNVR	16729
13376	FLA013376	MWA-16730	VENICE, CITY OF - ISLAND BEACH WWTP	A	C	0.5500	N	MONITORING WELL #4	UNVR	16730
13422	FLA013422	R-001	SPANISH LAKES MHP	A	A	0.0600	N	STP EFFLUENT	UNVR	16975
14063	FLA014063	MWC-19982	KNIGHT ISLAND UTILITIES INC	A	A	0.0300	N	KI-1 UIC shallow Compliance well aka CH-	UNVR	19982
13441	FLA013441	R-001	TERVIS TUMBLER WWTP	A	A	0.0078	N	SINGLE ABSORPTION FIELD OF APPROXIMATELY	UNVR	17040
14066	FLA014066	EFF-19997	SEASIDE SERVICE SYSTEM INC	A	A	0.0360	N	SEASIDE SERVICE SYSTEM, INC. M.O.R.	UNVR	19997
13455	FLA013455	EFA-01	CENTRAL COUNTY WATER RECLAMATION FACILIT	A	A	4.0000	N	EFA-01 AFTER DISINFECTION AND PRIOR TO	UNVR	17076
13455	FLA013455	MWC-2	CENTRAL COUNTY WATER RECLAMATION FACILIT	A	A	4.0000	N	MWC-2 MONITOR WELL #2 / SURFICIAL (WWTP)	UNVR	17096
14053	FLA014053	MWD-19945	SANDALHAVEN UTILITIES STP	A	A		N	WELL 3 (GOLF COURSE)	UNVR	19945
14117	FLA014117	EFF-1	FOREST PARK CONDO	A	A		N	Sampled at the discharge into the evapor	UNVR	20183
13473	FL0035335	SWA-17182	VENICE, CITY OF - R/O PLANT	A	A	0.3920	Y	IN-STREAM MONITORING STATION 001A	UNVR	17182
14063	FLA014063	MWC-19981	KNIGHT ISLAND UTILITIES INC	A	A	0.0300	N	KI-2 Deep UIC compliance well aka CH-88	UNVR	19981
14100	FL0039128	EFF-20106	GASPARILLA PINES RO WATER PLT	A	A	0.2500	Y	MIXING ZONE PT. 6	UNVR	20106
13473	FL0035335	D-002	VENICE, CITY OF - R/O PLANT	A	A	0.3920	Y	Monitor System 002	UNVR	17178
13429	FLA013429	EFF-01	POLYNESIAN VILLAGE MHP WWTP	A	A	0.0400	N	EFF-01-17005 FINAL EFFLUENT, AFTER DISI	UNVR	17005

WAFR_FACIL	FACILITY_I	SITE_ID	NAME	FACILITY	STATUS	CAPACITY	NPDES	DESCRIPTION	METHOD	WAFR_SITE
14121	FLA014121	EFA-20192	ALLIGATOR MOBILE HOME PARK	A	A		N	Effluent from chlorine contact chamber,	UNVR	20192
14083	FLA014083	MWA-20044	BURNT STORE WWTF	A	A	0.2500	N	MW-9	UNVR	20044
14083	FLA014083	MWD-20048	BURNT STORE WWTF	A	C	0.2500	N	BSU COMPLIANCE WELL #6 (CAPPED/RETAINED)	UNVR	20048
14083	FLA014083	MWA-20050	BURNT STORE WWTF	A	C	0.2500	N	BSU INTERMEDIATE WELL #1(CAPPED/RETAINED	UNVR	20050
14112	FL0034967	EFF-20160	FLORIDA WATER SERVICES BURNT STORE RO	A	A	0.1600	Y	BURNT STORE UTILITIES, INC. R.O. REJECT	UNVR	20160
14112	FL0034967	EFF-20161	FLORIDA WATER SERVICES BURNT STORE RO	A	C	0.1600	Y	3-INCH PVC TO ALLIGATOR CREEK.	UNVR	20161
14109	FLA014109	G-001	CASA DEL MAR MHP	A	A		N	R.O.concentrate discharge 0.20 mgd	UNVR	20152
14083	FLA014083	EFF-20043	BURNT STORE WWTF	A	A	0.2500	N	After final treatment/disinfection and b	UNVR	20043
14130	FLA014130	MWA-20219	CHARLOTTE CORRECTIONAL INSTITUTION	A	A	0.1800	N	WELL #CCF-4 (SITE BOUNDARY)	UNVR	20219
14086	FLA014086	EFF-1	BURNT STORE COLONY MOBILE HOME PARK	A	A	0.0600	N	Sample taken after filtration and at the	UNVR	20055
14083	FLA014083	MWA-20045	BURNT STORE WWTF	A	A	0.2500	N	MW-8	UNVR	20045
14093	FLA140937	EFF-20072	ALLIGATOR MOBILE HOME PARK	A	A	0.0400	N	BRINE DISCHARGE	UNVR	20072
14120	FLA014120	EFF-20190	SUN-N-SHADE FAMILY CAMPGROUND STP	A	A	0.0200	N	SUN-N-SHADE FAMILY CAMPGROUND M.O.R.	UNVR	20190
14083	FLA014083	EFF-20042	BURNT STORE WWTF	A	A	0.2500	N	BSU GROUNDWATER EFFLUENT SAMPLING POINT	UNVR	20042
14083	FLA014083	MWB-20047	BURNT STORE WWTF	A	A	0.2500	N	BSU BACKGROUND WELL #3	UNVR	20047
14083	FLA014083	MWD-20046	BURNT STORE WWTF	A	A	0.2500	N	MW-7	UNVR	20046
14077	FLA014077	EFF-20027	BLUE HERON PINES MHP	A	A	0.0950	N	Treated effluent sample site	UNVR	20027
14083	FLA014083	MWA-20049	BURNT STORE WWTF	A	A	0.2500	N	BSU INTERMEDIATE WELL #2	UNVR	20049
14109	FLA014109	MWI-20154	CASA DEL MAR MHP	A	A		N	CDM-1 (INTERMEDIATE WELL)	UNVR	20154
14068	FLA014068	R-001	TROPICAL PALMS OF FT MYERS LTD MHP	A	A	0.0000	N	three rapid infiltration basins (perc po	UNVR	20003
14109	FLA014109	MWI-20153	CASA DEL MAR MHP	A	A		N	CDM-2 (INTERMEDIATE WELL)	UNVR	20153

WAFR_FACIL	FACILITY_I	SITE_ID	NAME	FACILITY	STATUS	CAPACITY	NPDES	DESCRIPTION	METHOD	WAFR_SITE
13476	FL0043354	EFF-17191	SMR AGGREGATES, INC.	A	A		Y	DOWNSTREAM FROM DISCHARGE	UNVR	17191
13476	FL0043354	D-003	SMR AGGREGATES, INC.	A	A		Y	monitor system 003	UNVR	17193
12325	FL0001384	MWD-12810	MARATHON OIL COMPANY	A	A		Y	MW-4	UNVR	12810
13379	FL0041441	MWC-16801	VENICE EASTSIDE WWTP	A	A	2.1000	Y	W-1 MONITOR WELL LOCATION WATERFORD GC	UNVR	16801
13379	FL0041441	MWB-16802	VENICE EASTSIDE WWTP	A	A	2.1000	Y	CI-1 MONITOR WELL LOCATION CAPRI ISLE G	UNVR	16802
13375	FLA013375	EFF-16718	SARASOTA COUNTY SEPTAGE TREATMENT RESIDU	A	A	5.0000	N	EFF FINAL EFFLUENT SAMPLE POINT FROM BI	UNVR	16718
13467	FL0041785	EFF-17142	SNOWBIRDLAND VISTAS, INC	A	A		Y	BAY LAKES ESTATE MHP SAM. STA. NO.4	UNVR	17142
13380	FL0043621	EFF-16804	SARASOTA, CITY OF - R/O PLANT	A	A		Y	STATION 002-A COMMON COLLECTION POINT	UNVR	16804
13410	FL0032816	EFD-01	GULF GATE AWWTP	A	A	1.8000	Y	EFD-01-16939 AT OUTLET FROM DE-CHLOR BA	UNVR	16939
13427	FLA013427	MWC-16998	DOLOMITE UTILITIES TRI-PAR WWTP	A	A	0.3000	N	MONITOR WELL #5	UNVR	16998
14126	FLA014126	MWD-20205	ENGLEWOOD WATER DISTRICT SOUTH	A	A	1.2000	N	MW-5 (OYSTER CREEK PHASE II)	UNVR	20205
14126	FLA014126	MWD-20209	ENGLEWOOD WATER DISTRICT SOUTH	A	A	1.2000	N	BMW-1 (OYSTER CREEK PHASE II)	UNVR	20209
13433	FLA134333	INJ-01	ATLANTIC BRENTWOOD WRF	A	A	1.7500	N	IW-1 INJECTION WELL	UNVR	17016
13458	FLA013458	MWC-17120	DOLOMITE UTILITIES FRUITVILLE WWTP	A	A	0.5300	N	MONITOR WELL 3	UNVR	17120
12619	FLA012619	MWC-13164	MANATEE COUNTY SOUTHWEST REGIONAL WWTP	A	A	18.0000	N	PR-3A (REPLACEMENT FOR PR-3)	UNVR	13164
12619	FLA012619	MWC-13166	MANATEE COUNTY SOUTHWEST REGIONAL WWTP	A	A	18.0000	N	MF-2A (REPLACEMENT FOR MF-2)	UNVR	13166
13405	FLA013405	EFF-01	VENICE RANCH MHP WWTP	A	A	0.0350	N	EFF-01-16926 FINAL EFFLUENT, AFTER DISI	UNVR	16926
13454	FLA013454	MWC-6	LONGWOOD RUN UTILITIES WWTP	A	A	0.2150	N	MW-6	UNVR	17067
13377	FL0040771	MWB-16738	SARASOTA, CITY OF, WWTP	A	A	10.2000	Y	UG-1 UTOPIA GROVES 1 BACKGROUND	UNVR	16738
13377	FL0040771	MWC-16744	SARASOTA, CITY OF, WWTP	A	A	10.2000	Y	SITE III-7 COMPLIANCE	UNVR	16744
13476	FL0043354	D-002	SMR AGGREGATES, INC.	A	A		Y	monitor system 002	UNVR	17194
12325	FL0001384	EFF-12805	MARATHON OIL COMPANY	A	A		Y	OUTFALL 002	UNVR	12805
12325	FL0001384	EFF-12806	MARATHON OIL COMPANY	A	A		Y	EFFLUENT SAMPLE	UNVR	12806
13450	FLA013450	EFF-01	MEDICAL CENTER OF SARASOTA WWTP	A	A	0.0150	N	EFF-01-17053 FINAL EFFLUENT, AFTER DISI	UNVR	17053
13443	FLA013443	MWB-17046	ENGLEWOOD UTILITIES WWTP	A	A	0.1550	N	MW-1B BACKGROUND MON. WELL	UNVR	17046
13457	FLA013457	EFF-17111	OAK HAMMOCK PROF.CTR.(BENEVA CREEK)	A	A	0.0100	N	STP EFFLUENT	UNVR	17111
14102	FL0040312	EFF-20117	GASPARILLA ISLAND WATER ASSOC	A	A	0.6700	Y	END OF MIXING ZONE	UNVR	20117
13403	FLA013403	EFF-01	PARK PLACE VILLAS (FKA BARCLAY HOUSE)	A	A	0.0080	N	EFF-01-16922 FINAL EFFLUENT, AFTER DISI	UNVR	16922
14126	FLA014126	MWD-20207	ENGLEWOOD WATER DISTRICT SOUTH	A	A	1.2000	N	MW-3 (OYSTER CREEK PHASE II)	UNVR	20207
13458	FLA013458	MWC-17115	DOLOMITE UTILITIES FRUITVILLE WWTP	A	A	0.5300	N	MW-4A	UNVR	17115
13458	FLA013458	MWC-17117	DOLOMITE UTILITIES FRUITVILLE WWTP	A	A	0.5300	N	MW-3A	UNVR	17117
14048	FLA014048	EFF-19903	CHARLOTTE COUNTY UTILITY WESTPORT WWTF	A	A	0.3850	N	GWMP EFFLUENT ANALYSIS (61)	UNVR	19903
12619	FLA012619	MWC-13178	MANATEE COUNTY SOUTHWEST REGIONAL WWTP	A	A	18.0000	N	PS-4 (PALMA SOLA GC)	UNVR	13178
13454	FLA013454	MWC-4	LONGWOOD RUN UTILITIES WWTP	A	A	0.2150	N	MW-4	UNVR	17069
13377	FL0040771	MWC-16746	SARASOTA, CITY OF, WWTP	A	A	10.2000	Y	SITE III-5 COMPLIANCE	UNVR	16746
13377	FL0040771	MWB-16750	SARASOTA, CITY OF, WWTP	A	A	10.2000	Y	SITE III-1 BACKGROUND	UNVR	16750
13390	FLA013390	MWC-16867	CAMELOT LAKES WWTP	A	A	0.1680	N	MW-3 COMPL. MON WELL AT PLANT	UNVR	16867

13390	FLA013390	MWC-16868	CAMELOT LAKES WWTP	A	A	0.1680	N	MW-2 COMPL. MON WELL AT PLANT	UNVR	16868
13454	FLA013454	MWC-17070	LONGWOOD RUN UTILITIES WWTP	A	A	0.2150	N	MW-3	UNVR	17070
13454	FLA013454	MWC-17071	LONGWOOD RUN UTILITIES WWTP	A	A	0.2150	N	MW-2	UNVR	17071
13476	FL0043354	EFF-17195	SMR AGGREGATES, INC.	A	A		Y	OUTFALL 001-NW OF PHASE I	UNVR	17195
13427	FLA013427	MWB-17002	DOLOMITE UTILITIES TRI-PAR WWTP	A	A	0.3000	N	MONITOR WELL #1	UNVR	17002
13433	FLA134333	MWB-17019	ATLANTIC BRENTWOOD WRF	A	A	1.7500	N	MW-1 DEEP INJECTION WELL MONITOR WELL	UNVR	17019
14098	FLA014098	MWC-20093	AQUASOURCE UTILITY INC AKA: ROTUNDA WEST	A	A		N	MW-5	UNVR	20093
14098	FLA014098	MWD-20096	AQUASOURCE UTILITY INC AKA: ROTUNDA WEST	A	A		N	MW-1	UNVR	20096
13456	FLA013456	R-001	KENSINGTON PARK UTILITIES 27TH STREET	A	A	0.1750	N	(R001/R003)	UNVR	17099
13456	FLA013456	MWC-17105	KENSINGTON PARK UTILITIES 27TH STREET	A	A	0.1750	N	MW-10 (35 ACRE SITE)	UNVR	17105
13389	FLA013389	R-001	KING'S GATE CLUB WWTP	A	A	0.0500	N	EFFLUENT FROM WWTP	UNVR	16860
12619	FLA012619	MWC-13182	MANATEE COUNTY SOUTHWEST REGIONAL WWTP	A	A	18.0000	N	BCC-4 (BRADENTON COUNTRY CLUB)	UNVR	13182
13372	FLA013372	MWC-16715	BEE RIDGE WRF	A	A	1.5000	N	MW-2 (WWTP)	UNVR	16715
13426	FLA013426	EFF-16991	HOUGHTON WAGMAN PARTNERSHIP, LTD.	A	A	0.0033	N	STP EFFLUENT	UNVR	16991
13384	FLA013384	EFF-01	BAHIA VISTA ESTATES	A	A	0.0400	N	EFF-01-16828 FINAL EFFLUENT, AFTER DISI	UNVR	16828
13377	FL0040771	MWC-16743	SARASOTA, CITY OF, WWTP	A	A	10.2000	Y	SITE III-8 COMPLIANCE	UNVR	16743
13377	FL0040771	MWI-16749	SARASOTA, CITY OF, WWTP	A	A	10.2000	Y	SITE III-2 INTERMEDIATE	UNVR	16749
13377	FL0040771	MWB-16751	SARASOTA, CITY OF, WWTP	A	A	10.2000	Y	MGC-1 MEADOWS GC BACKGROUND	UNVR	16751
13390	FLA013390	MWC-16865	CAMELOT LAKES WWTP	A	A	0.1680	N	C-2 COMPL. MON WELL AT TWIN LAKES PARK	UNVR	16865
13390	FLA013390	MWB-16866	CAMELOT LAKES WWTP	A	A	0.1680	N	BG-1 BACKGROUND AT TWIN LAKES PARK	UNVR	16866
13447	FLA013447	EFF-01	PROCTOR ROAD WWTP	A	A	0.0250	N	EFF FINAL EFFLUENT SAMPLE POINT	UNVR	17050
13449	FLA013449	EFF-01	HEALTH SOUTH OF SARASOTA	A	A	0.0100	N	FINAL EFFLUENT, AFTER DISINFECTION AND F	UNVR	17052
13407	FLA013407	EFF-01	LAKE TIPPECANOE CONDOMINIUMS WWTP	A	A	0.0400	N	EFF-01-16932 FINAL EFFLUENT, AFTER DISI	UNVR	16932
13427	FLA013427	R-001	DOLOMITE UTILITIES TRI-PAR WWTP	A	A	0.3000	N	REUSE - (R002 and R003) Modified Plant	UNVR	16993
13427	FLA013427	MWC-16997	DOLOMITE UTILITIES TRI-PAR WWTP	A	A	0.3000	N	MONITOR WELL #6	UNVR	16997
13427	FLA013427	MWC-16999	DOLOMITE UTILITIES TRI-PAR WWTP	A	A	0.3000	N	MONITOR WELL #4	UNVR	16999
14102	FL0040312	SWA-20116	GASPARILLA ISLAND WATER ASSOC	A	A	0.6700	Y	UPSTREAM SAMPLE PT. #4	UNVR	20116
14081	FLA014081	EFF-20035	WATERS EDGE CONDO	A	A		N	WATERS EDGE CONDO M.O.R.	UNVR	20035
14126	FLA014126	MWB-20208	ENGLEWOOD WATER DISTRICT SOUTH	A	A	1.2000	N	BMW-2 (OYSTER CREEK PHASE II)	UNVR	20208
12281	FL0000761	MW-12	CARGILL FERTILIZER, INC. - RIVERVIEW CHE	A	A		Y	GWMS-12	UNVR	12525
12281	FL0000761	MWD-12526	CARGILL FERTILIZER, INC. - RIVERVIEW CHE	A	C		Y	CLOSED GYP STACK M.W. #2	UNVR	12526
13458	FLA013458	MWB-17122	DOLOMITE UTILITIES FRUITVILLE WWTP	A	A	0.5300	N	MONITOR WELL 1	UNVR	17122
13419	FLA013419	EFF-16967	OAKWOOD GARDEN WWTP	A	A	0.0090	N	EFF FINAL EFFLUENT SAMPLE POINT	UNVR	16967
13421	FLA013421	R-001	YODER'S TOO RESTAURANT	A	A	0.0050	N	STP EFFLUENT	UNVR	16973
13372	FLA013372	MWB-16716	BEE RIDGE WRF	A	A	1.5000	N	MW-1 (WWTP)	UNVR	16716
13397	FLA043494	MWB-16903	VENICE GARDENS WWTP	A	A	2.0000	N	WB-1 WWTP	UNVR	16903
13406	FLA013406	EFA-1	CIRCLEWOODS WWTP	A	A	0.0800	N	AFTER FINAL DISINFECTION AND PRIOR TO DI	UNVR	16930
13377	FL0040771	MWC-16737	SARASOTA, CITY OF, WWTP	A	A	10.2000	Y	UG-2 UTOPIA GROVES 2 COMPLIANCE	UNVR	16737

13390	FLA013390	EFA-01	CAMELOT LAKES WWTP	A	A	0.1680	N	EFA-01-16863 FINAL EFFLUENT, AFTER DISI	UNVR	16863
13377	FL0040771	MWC-16745	SARASOTA, CITY OF, WWTP	A	A	10.2000	Y	SITE III-6 COMPLIANCE	UNVR	16745
12325	FL0001384	MWD-12811	MARATHON OIL COMPANY	A	A		Y	MW-3	UNVR	12811
12325	FL0001384	MWB-12812	MARATHON OIL COMPANY	A	A		Y	MW-2	UNVR	12812
13432	FLA013432	EFF-17012	2224 SOUTH TRAIL WWTP	A	A	0.0030	N	EFF FINAL EFFLUENT SAMPLE POINT	UNVR	17012
13453	FLA013453	EFF-17064	LAKE FOREST CONDOMINIUM	A	A	0.0306	N	STP EFFLUENT	UNVR	17064
13416	FLA013416	EFF-16960	FIELD CLUB	A	A	0.0080	N	STP EFFLUENT	UNVR	16960
12281	FL0000761	MW-14	CARGILL FERTILIZER, INC. - RIVERVIEW CHE	A	A		Y	GWMS-14	UNVR	12523
13456	FLA013456	MWC-17109	KENSINGTON PARK UTILITIES 27TH STREET	A	A	0.1750	N	MONITOR WELL #2 (35 ACRE SITE)	UNVR	17109
13456	FLA013456	MWB-17110	KENSINGTON PARK UTILITIES 27TH STREET	A	A	0.1750	N	MONITOR WELL #1 (35 ACRE SITE)	UNVR	17110
13464	FLA013464	EFF-17137	VENETIAN MHP	A	A	0.0300	N	STP EFFLUENT	UNVR	17137
14048	FLA014048	MWB-19905	CHARLOTTE COUNTY UTILITY WESTPORT WWTF	A	A	0.3850	N	WELL #6 (68)	UNVR	19905
12619	FLA012619	MWC-13179	MANATEE COUNTY SOUTHWEST REGIONAL WWTP	A	A	18.0000	N	ELCON-4(EL CONQUISTADOR GC)	UNVR	13179
13372	FLA013372	EFA-01	BEE RIDGE WRF	A	A	1.5000	N	AFTER DISINFECTION AND PRIOR TO DISCHARG	UNVR	16707
13465	FLA013465	EFF-01	GULF VIEW WWTP	A	A	0.0490	N	EFF FINAL EFFLUENT SAMPLE POINT	UNVR	17139
13454	FLA013454	MWC-5	LONGWOOD RUN UTILITIES WWTP	A	A	0.2150	N	MW-5	UNVR	17068
13377	FL0040771	MWC-16747	SARASOTA, CITY OF, WWTP	A	A	10.2000	Y	SITE III-4 COMPLIANCE	UNVR	16747
13377	FL0040771	MWC-16752	SARASOTA, CITY OF, WWTP	A	A	10.2000	Y	BG-2 BRITT GROVES 2 COMPLIANCE	UNVR	16752
13377	FL0040771	MWC-16753	SARASOTA, CITY OF, WWTP	A	A	10.2000	Y	BG-1 BRITT GROVES 1 COMPLIANCE	UNVR	16753
13390	FLA013390	MWC-16864	CAMELOT LAKES WWTP	A	A	0.1680	N	C-3 COMPL. MON WELL AT TWIN LAKES PARK	UNVR	16864
13476	FL0043354	SWB-2	SMR AGGREGATES, INC.	A	A		Y	Background of 002	UNVR	17192
12325	FL0001384	MWD-12809	MARATHON OIL COMPANY	A	A		Y	MW-5	UNVR	12809
13451	FLA013451	MWC-17056	BEEKMAN PLACE UTILITY WWTP	A	A	0.0900	N	MW-5 COMPLIANCE MON. WELL	UNVR	17056
13451	FLA013451	EFF-01	BEEKMAN PLACE UTILITY WWTP	A	A	0.0900	N	EFF-01-17054 FINAL EFFLUENT, AFTER DISI	UNVR	17054
13380	FL0043621	EFF-16806	SARASOTA, CITY OF - R/O PLANT	A	A		Y	REJECT OUTFALL 002 SEAWATER FILTER BACKW	UNVR	16806
13475	FLA013475	EFF-17187	SINGELTARY CONCRETE	A	A		N	OUTFALL 001	UNVR	17187
13397	FLA043494	EFA-01	VENICE GARDENS WWTP	A	A	2.0000	N	EFA FINAL EFFLUENT SAMPLE POINT	UNVR	16888
13385	FLA013385	EFA-16832	MEADOWOOD WWTP	A	A	0.9840	N	EFA-2 FINAL PART III EFFLUENT SAMPLE POI	UNVR	16832
13454	FLA013454	EFF-17066	LONGWOOD RUN UTILITIES WWTP	A	A	0.2150	N	EFF- EFFLUENT FROM WWTP / AFTER FILTRATI	UNVR	17066
12325	FL0001384	MWD-12808	MARATHON OIL COMPANY	A	A		Y	MW-6	UNVR	12808
13443	FLA013443	EFF-17042	ENGLEWOOD UTILITIES WWTP	A	A	0.1550	N	EFF FINAL EFFLUENT SAMPLE POINT	UNVR	17042
13443	FLA013443	MWC-17043	ENGLEWOOD UTILITIES WWTP	A	A	0.1550	N	MW-4B COMPLIANCE MON. WELL	UNVR	17043
13443	FLA013443	MWC-17045	ENGLEWOOD UTILITIES WWTP	A	A	0.1550	N	MW-2B COMPLIANCE MON. WELL	UNVR	17045
13467	FL0041785	EFF-17143	SNOWBIRDLAND VISTAS, INC	A	A		Y	BAY LAKE ESTATES MHP SAM. STA. NO.3	UNVR	17143
13467	FL0041785	EFF-17144	SNOWBIRDLAND VISTAS, INC	A	A		Y	BAY LAKES ESTATE M.H.P. NO. 2 M.P.	UNVR	17144
12621	FL0021369	EFA-1	BRADENTON WWTP CITY OF	A	A	6.0000	Y	EFA-1 FINAL SAMPLE POINT CHLORINATED EFF	UNVR	13216
13380	FL0043621	EFF-1	SARASOTA, CITY OF - R/O PLANT	A	A		Y	Effluent sampling point	UNVR	16805
12641	FLA012641	EFF-13342	MIAMI VALLEY CONCRETE CO.	A	A		N	MIAMI VALLEY CONCRETE CO.(OUTFALL 001)	UNVR	13342

14126	FLA014126	MWD-20206	ENGLEWOOD WATER DISTRICT SOUTH	A	A	1.2000	N	MW-4 (OYSTER CREEK PHASE II)	UNVR	20206
13456	FLA013456	MWI-17107	KENSINGTON PARK UTILITIES 27TH STREET	A	A	0.1750	N	MONITOR WELL #4 (35 ACRE SITE)	UNVR	17107
13456	FLA013456	MWC-17108	KENSINGTON PARK UTILITIES 27TH STREET	A	A	0.1750	N	MONITOR WELL #3 (35 ACRE SITE)	UNVR	17108
13458	FLA013458	MWD-17113	DOLOMITE UTILITIES FRUITVILLE WWTP	A	A	0.5300	N	MW-5	UNVR	17113
13458	FLA013458	MWC-17118	DOLOMITE UTILITIES FRUITVILLE WWTP	A	A	0.5300	N	MW-2A	UNVR	17118
13411	FL0032808	MWC-1	SOUTH GATE AWWTP	A	A	1.3600	Y	MWC-1-16944 MONITOR WELL #1	UNVR	16944
14048	FLA014048	MWA-19906	CHARLOTTE COUNTY UTILITY WESTPORT WWTF	A	A	0.3850	N	WELL #5 (67)	UNVR	19906
12619	FLA012619	MWB-13185	MANATEE COUNTY SOUTHWEST REGIONAL WWTP	A	A	18.0000	N	PS-1 (PALMA SOLA GC)	UNVR	13185
12619	FLA012619	MWC-13195	MANATEE COUNTY SOUTHWEST REGIONAL WWTP	A	A	18.0000	N	ELCON-2(EL CONQUISTADOR GC)	UNVR	13195
13397	FLA043494	MWC-16902	VENICE GARDENS WWTP	A	A	2.0000	N	WC-1 WWTP	UNVR	16902
13475	FLA013475	EFF-17186	SINGELTARY CONCRETE	A	A		N	BACKGROUND STATION	UNVR	17186
13377	FL0040771	MWI-16736	SARASOTA, CITY OF, WWTP	A	A	10.2000	Y	UG-3 UTOPIA GROVES 3 INTERMEDIATE	UNVR	16736
13377	FL0040771	MWC-16754	SARASOTA, CITY OF, WWTP	A	A	10.2000	Y	OAK-1 OAKFORD GC COMPLIANCE	UNVR	16754
13382	FLA013382	MWA-16823	KENSINGTON PARK UTILITIES MONICA PARKWAY	A	C	0.4560	N	MONITORING WELL	UNVR	16823
13385	FLA013385	MWB-16852	MEADOWOOD WWTP	A	A	0.9840	N	MW-1 (WWTP)	UNVR	16852
13390	FLA013390	MWB-16869	CAMELOT LAKES WWTP	A	A	0.1680	N	MW-1 BACKGROUND MON WELL AT PLANT SITE	UNVR	16869
13377	FL0040771	EFD-16734	SARASOTA, CITY OF, WWTP	A	A	10.2000	Y	EFD FINAL EFFLUENT SAMPLE POINT-DISCHAR	UNVR	16734
12325	FL0001384	MWD-12813	MARATHON OIL COMPANY	A	A		Y	MW-1	UNVR	12813
13409	FLA013409	EFF-16937	PETERSON MANUFACTURING	A	A	0.0033	N	STP EFFLUENT	UNVR	16937
13443	FLA013443	MWC-17044	ENGLEWOOD UTILITIES WWTP	A	A	0.1550	N	MW-3B COMPLIANCE MON. WELL	UNVR	17044
13451	FLA013451	MWC-17059	BEEKMAN PLACE UTILITY WWTP	A	A	0.0900	N	MW-2 COMPLIANCE MON. WELL	UNVR	17059
13459	FLA013459	EFF-17123	WOODBRIDGE ESTATES	A	A	0.0150	N	STP EFFLUENT	UNVR	17123
13467	FL0041785	EFF-17145	SNOWBIRDLAND VISTAS, INC	A	A		Y	OUTFALL 001 TO CURRY CREEK	UNVR	17145
14102	FL0040312	EFF-20115	GASPARILLA ISLAND WATER ASSOC	A	A	0.6700	Y	DOWNSTREAM #2	UNVR	20115
14098	FLA014098	MWC-20094	AQUASOURCE UTILITY INC AKA: ROTUNDA WEST	A	A		N	MW-4	UNVR	20094
12281	FL0000761	MWB-12527	CARGILL FERTILIZER, INC. - RIVERVIEW CHE	A	A		Y	CLOSED GYP STACK M.W. #1	UNVR	12527
13436	FLA013436	EFF-17030	KING'S GATE RVP WWTP	A	A	0.0400	N	EFF FINAL EFFLUENT SAMPLING POINT	UNVR	17030
13456	FLA013456	MWI-17100	KENSINGTON PARK UTILITIES 27TH STREET	A	A	0.1750	N	MW-9 (80 ACRE SITE)	UNVR	17100
13456	FLA013456	MWB-17103	KENSINGTON PARK UTILITIES 27TH STREET	A	A	0.1750	N	MW-6 (80 ACRE SITE)	UNVR	17103
13456	FLA013456	MWI-17106	KENSINGTON PARK UTILITIES 27TH STREET	A	A	0.1750	N	MONITOR WELL #5 (35 ACRE)	UNVR	17106
13458	FLA013458	MWB-17119	DOLOMITE UTILITIES FRUITVILLE WWTP	A	A	0.5300	N	MW-1A	UNVR	17119
13485	FLA013485	R-EFF	ALBRITTON FRUIT COMPANY, INC.	A	A		N	SAMPLE POINT PRIOR TO DISCHARGE	UNVR	17201
12619	FLA012619	R-001	MANATEE COUNTY SOUTHWEST REGIONAL WWTP	A	A	18.0000	N	R001 PART III PUBLIC ACCESS REUSE SYSTE	UNVR	13161
12619	FLA012619	MWC-13183	MANATEE COUNTY SOUTHWEST REGIONAL WWTP	A	A	18.0000	N	PS-3 (PALMA SOLA GC)	UNVR	13183
13383	FLA013383	EFF-01	SYLVAN LEA S/D	A	A	0.0300	N	EFF-01-30801 FINAL EFFLUENT, AFTER DISI	UNVR	16826
13377	FL0040771	MWC-16735	SARASOTA, CITY OF, WWTP	A	A	10.2000	Y	UG-4 UTOPIA GROVES 4 COMPLIANCE	UNVR	16735
13382	FLA013382	R-001	KENSINGTON PARK UTILITIES MONICA PARKWAY	A	A	0.4560	N	REUSE SITE	UNVR	16822
13433	FLA134333	EFA-01	ATLANTIC BRENTWOOD WRF	A	A	1.7500	N	EFA FINAL EFFLUENT SAMPLE POINT REUSE	UNVR	17018

13448	FLA013448	EFF-01	TANGERINE WOODS WWTP	A	A	0.0900	N	EFF-17051 AFTER DISINFECTION AND PRIOR T	UNVR	17051
12281	FL0000761	MW-13	CARGILL FERTILIZER, INC. - RIVERVIEW CHE	A	A		Y	GWMS-13	UNVR	12524
13456	FLA013456	MWI-17102	KENSINGTON PARK UTILITIES 27TH STREET	A	A	0.1750	N	MW-7 (80 ACRE SITE)	UNVR	17102
13456	FLA013456	MWC-17104	KENSINGTON PARK UTILITIES 27TH STREET	A	A	0.1750	N	MW-11 (35 ACRE SITE)	UNVR	17104
14048	FLA014048	EFA-1	CHARLOTTE COUNTY UTILITY WESTPORT WWTF	A	A	0.3850	N	AFTER DISINFECTION AND PRIOR TO POLISHIN	UNVR	19904
13372	FLA013372	MWC-16714	BEE RIDGE WRF	A	A	1.5000	N	MW-3 (WWTP)	UNVR	16714
14082	FLA014082	EFF-20039	ENGLEWOOD HEALTH CARE CENTER AKA BEVERLY	A	A		N	Wastewater treatment plant effluent from	UNVR	20039
13456	FLA013456	MWC-17101	KENSINGTON PARK UTILITIES 27TH STREET	A	A	0.1750	N	MW-8 (80 ACRE SITE)	UNVR	17101
14126	FLA014126	R-001	ENGLEWOOD WATER DISTRICT SOUTH	A	A	1.2000	N	WEST CHARLOTTE UTIL. SOUTH PLANT. An ex	UNVR	20204
13427	FLA013427	MWI-16996	DOLOMITE UTILITIES TRI-PAR WWTP	A	A	0.3000	N	MONITOR WELL #7	UNVR	16996
13398	FLA013398	R-001	FLORIDA PINES MHC	A	A	0.0105	N	STP EFFLUENT downstream of the chlorine	UNVR	16912
14048	FLA014048	MWB-19910	CHARLOTTE COUNTY UTILITY WESTPORT WWTF	A	A	0.3850	N	WELL #1 (63)	UNVR	19910
12619	FLA012619	MWC-13163	MANATEE COUNTY SOUTHWEST REGIONAL WWTP	A	A	18.0000	N	PR-4A (REPLACEMENT FOR PR-4)	UNVR	13163
13377	FL0040771	MWC-16748	SARASOTA, CITY OF, WWTP	A	A	10.2000	Y	SITE III-3 COMPLIANCE	UNVR	16748
13451	FLA013451	MWB-17060	BEEKMAN PLACE UTILITY WWTP	A	A	0.0900	N	MW-1A BACKGROUND MON. WELL	UNVR	17060

WAFR_FACIL	FACILITY_I	SITE_ID	NAME	FACILITY	STATUS	CAPACITY	NPDES
13365	FLA013365	EFA-01	PLANTATION WWTP	A	A	0.6600	N
13365	FLA013365	MWB-1	PLANTATION WWTP	A	A	0.6600	N
13381	FLA133817	MWA-16816	PLANTATION R/O WTP & DIW	A	A	1.8600	N
13378	FLA013378	MWC-04	NORTH PORT WWTP	A	A	1.1000	N
13374	FLA013374	EFF-01	MANATEE COMMUNITY COLLEGE	A	A	0.0140	N
12633	FL0032522	EFF-13294	NU-GULF INDUSTRIES, INC. - WINGATE CREEK	A	A		Y
12633	FL0032522	MWA-13303	NU-GULF INDUSTRIES, INC. - WINGATE CREEK	A	A		Y
14060	FLA014060	R-001	RIVERWOODS UTILITIES	A	A	0.4990	N
13365	FLA013365	MWC-8	PLANTATION WWTP	A	A	0.6600	N
13365	FLA013365	MWC-7	PLANTATION WWTP	A	A	0.6600	N
13378	FLA013378	MWC-16	NORTH PORT WWTP	A	A	1.1000	N
13378	FLA013378	MWC-05	NORTH PORT WWTP	A	A	1.1000	N
13378	FLA013378	MWC-02	NORTH PORT WWTP	A	A	1.1000	N
13434	FLA013434	EFF-01	RAMBLERS REST RESORT WWTP	A	A	0.0450	N
12622	FLA012622	EFF-01	WINGATE CREEK MINE WWTP	A	A	0.0050	N
14048	FLA014048	MWA-19907	CHARLOTTE COUNTY UTILITY WESTPORT WWTF	A	A	0.3850	N
13365	FLA013365	MWC-4	PLANTATION WWTP	A	A	0.6600	N
13365	FLA013365	MWC-9	PLANTATION WWTP	A	A	0.6600	N
13381	FLA133817	EFF-16810	PLANTATION R/O WTP & DIW	A	A	1.8600	N
14060	FLA014060	MWB-19970	RIVERWOODS UTILITIES	A	A	0.4990	N
13381	FLA133817	EFF-16811	PLANTATION R/O WTP & DIW	A	A	1.8600	N
13378	FLA013378	EFA-01	NORTH PORT WWTP	A	A	1.1000	N
13378	FLA013378	INJ-01	NORTH PORT WWTP	A	A	1.1000	N
13408	FLA013408	EFF-01	VENICE CAMPGROUND WWTP	A	A	0.0100	N
12633	FL0032522	EFF-13291	NU-GULF INDUSTRIES, INC. - WINGATE CREEK	A	A		Y
12633	FL0032522	EFF-13293	NU-GULF INDUSTRIES, INC. - WINGATE CREEK	A	A		Y
12633	FL0032522	EFF-13296	NU-GULF INDUSTRIES, INC. - WINGATE CREEK	A	A		Y
12633	FL0032522	MWA-13301	NU-GULF INDUSTRIES, INC. - WINGATE CREEK	A	A		Y
14060	FLA014060	MWC-19967	RIVERWOODS UTILITIES	A	A	0.4990	N
13365	FLA013365	MWC-2	PLANTATION WWTP	A	A	0.6600	N
13381	FLA133817	MWA-16814	PLANTATION R/O WTP & DIW	A	A	1.8600	N
13378	FLA013378	U-01	NORTH PORT WWTP	A	A	1.1000	N
12633	FL0032522	MWA-13297	NU-GULF INDUSTRIES, INC. - WINGATE CREEK	A	A		Y
12633	FL0032522	MWA-13299	NU-GULF INDUSTRIES, INC. - WINGATE CREEK	A	A		Y
14060	FLA014060	MWI-19969	RIVERWOODS UTILITIES	A	A	0.4990	N
13365	FLA013365	MWC-3	PLANTATION WWTP	A	A	0.6600	N
13377	FL0040771	MWC-16758	SARASOTA, CITY OF, WWTP	A	A	10.2000	Y

14048	FLA014048	MWA-19908	CHARLOTTE COUNTY UTILITY WESTPORT WWTF	A	A	0.3850	N
13438	FLA013438	EFF-17035	MYAKKA MHP WWTP	A	A	0.0083	N
13365	FLA013365	MWC-10	PLANTATION WWTP	A	A	0.6600	N
13365	FLA013365	MWB-16671	PLANTATION WWTP	A	A	0.6600	N
13378	FLA013378	MWC-03	NORTH PORT WWTP	A	A	1.1000	N
13378	FLA013378	MWB-01	NORTH PORT WWTP	A	A	1.1000	N
12633	FL0032522	MWA-13298	NU-GULF INDUSTRIES, INC. - WINGATE CREEK	A	A		Y
12633	FL0032522	MWA-13302	NU-GULF INDUSTRIES, INC. - WINGATE CREEK	A	A		Y
12633	FL0032522	MWA-13304	NU-GULF INDUSTRIES, INC. - WINGATE CREEK	A	A		Y
13381	FLA133817	INJ-16812	PLANTATION R/O WTP & DIW	A	A	1.8600	N
13381	FLA133817	MWA-16815	PLANTATION R/O WTP & DIW	A	A	1.8600	N
13381	FLA133817	MWA-16817	PLANTATION R/O WTP & DIW	A	A	1.8600	N
13377	FL0040771	MWB-16760	SARASOTA, CITY OF, WWTP	A	A	10.2000	Y
13378	FLA013378	MWC-15	NORTH PORT WWTP	A	A	1.1000	N
12633	FL0032522	EFF-13292	NU-GULF INDUSTRIES, INC. - WINGATE CREEK	A	A		Y
12633	FL0032522	MWA-13300	NU-GULF INDUSTRIES, INC. - WINGATE CREEK	A	A		Y
13458	FLA013458	R-001	DOLOMITE UTILITIES FRUITVILLE WWTP	A	A	0.5300	N
12633	FL0032522	EFF-13295	NU-GULF INDUSTRIES, INC. - WINGATE CREEK	A	A		Y
13377	FL0040771	MWC-16756	SARASOTA, CITY OF, WWTP	A	A	10.2000	Y
13378	FLA013378	MWB-11	NORTH PORT WWTP	A	A	1.1000	N
13378	FLA013378	MWC-12	NORTH PORT WWTP	A	A	1.1000	N
13412	FLA013412	EFF-16946	OAK FORD WWTP	A	A	0.0317	N
13381	FLA133817	EFF-16808	PLANTATION R/O WTP & DIW	A	A	1.8600	N

DESCRIPTION	METHOD	WAFR_SITE
EFA-01 AFTER DISINFECTIONAND PRIOR TO D	UNVR	16665
MW-1 MON WELL #1 (B)	UNVR	16674
MW-4(2ND ARTESIAN AQUIF.)	UNVR	16816
MW-4 MONITOR WELL AT SABAL TRACE GC	UNVR	16788
EFF-01-16717 FINAL EFFLUENT, AFTER DISI	UNVR	16717
DISCHARGE 001 - FLOW WEIGHTED AVG. CONC.	UNVR	13294
WELL IV WSA-2	UNVR	13303
public access spray irrigation system	UNVR	19965
MWC-8 MON WELL #8 (C)	UNVR	16667
MW-7 MON WELL #7 (C)	UNVR	16668
MW-16 MONITOR WELL AT WWTP	UNVR	16781
MW-5 MONITOR WELL AT SABAL TRACE GC	UNVR	16787
MW-2 MONITOR WELL AT SABAL TRACE GC	UNVR	16790
EFF-01-17023 FINAL EFFLUENT, AFTER DISI	UNVR	17023
FINAL EFFLUENT, AFTER DISINFECTION AT OU	UNVR	13219
WELL #4 (66)	UNVR	19907
MW-4 MON WELL #4 (NEW)	UNVR	16669
MW-9 MON WELL #9 (C)	UNVR	16670
SPECIFIC INJECTIVITY (GPM/PSI)	UNVR	16810
RW-1 Golf Course Background Well.	UNVR	19970
R/0 SUPPLY WELL (ZONE 3 OF FLA AQ)	UNVR	16811
EFA- AFTER DISINFECTION AND PRIOR TO DI	UNVR	16775
INJ-16772 AT EFFLUENT SPLITTER BOX, PRI	UNVR	16772
EFF-01-16935 FINAL EFFLUENT, AFTER DISI	UNVR	16935
OUTFALL 001	UNVR	13291
OUTFALL 002	UNVR	13293
UNTREATED WASTEWATER	UNVR	13296
WELL V WSA-2	UNVR	13301
RW-4 Site Boundary Well (east of ponds)	UNVR	19967
MW-2 MON WELL #2 (C)	UNVR	16673
RO-2 WELL #2 (Zone 3)	UNVR	16814
U00-1 IW-1 INJECTION WELL	UNVR	16773
WELL VII WSA-2	UNVR	13297
WELL VI WSA-2	UNVR	13299
RW-2 Intermediate well for golf course.	UNVR	19969
MW-3 MON WELL #3 (C)	UNVR	16672
POND A-3 STORAGE POND A COMPLIANCE	UNVR	16758

WELL #3 (65)	UNVR	19908
EFF FINAL EFFLUENT SAMPLE POINT	UNVR	17035
MW-10 MON WELL #10 (C)	UNVR	16666
BMW-2 MON WELL #2 AT BOBCAT (B)	UNVR	16671
MW-3 MONITOR WELL AT SABAL TRACE GC	UNVR	16789
MW-1 MONITOR WELL AT SABAL TRACE GC	UNVR	16791
WELL VII WSA-1	UNVR	13298
WELL V WSA-1	UNVR	13302
WELL IV WSA-1	UNVR	13304
IW-1 INJECTION WELL(ZONE 5 FL. AQ.)	UNVR	16812
MW-2 (FIRST ARTESIAN AQUIF.)	UNVR	16815
MW-5A (ZONE 4)	UNVR	16817
POND A-1 STORAGE POND A BACKGROUND	UNVR	16760
MW-15 MONITOR WELL AT WWTP	UNVR	16782
SAND/CLAY PIPELINE OUTLET	UNVR	13292
WELL VI WSA-1	UNVR	13300
EFFLUENT FROM WWTP	UNVR	17114
DISCHARGE 001 -INDIVIDUAL SAMPLE REPORTS	UNVR	13295
POND A-5 STORAGE POND A COMPLIANCE	UNVR	16756
MW-11 MONITOR WELL AT WWTP	UNVR	16786
MW-12 MONITOR WELL AT WWTP	UNVR	16785
STP EFFLUENT	UNVR	16946
R/O WELL 2; ZONE 3 FLA. AQ.	UNVR	16808