



**Southwest Florida  
Water Management  
District**

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



**SWIM SECTION  
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# **CHARLOTTE HARBOR**

## **Surface Water Improvement and Management (SWIM) Plan Update**

November 22, 2000

**Southwest Florida Water Management District**  
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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 use 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).**

| <b>Project</b>                      | <b>FY 2000</b>    | <b>FY 2001</b>      | <b>FY 2002</b>    | <b>Page</b> |
|-------------------------------------|-------------------|---------------------|-------------------|-------------|
| 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          |
| <b>Total Budget</b>                 | <b>\$ 782,000</b> | <b>\$ 1,252,500</b> | <b>\$ 678,000</b> |             |

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.

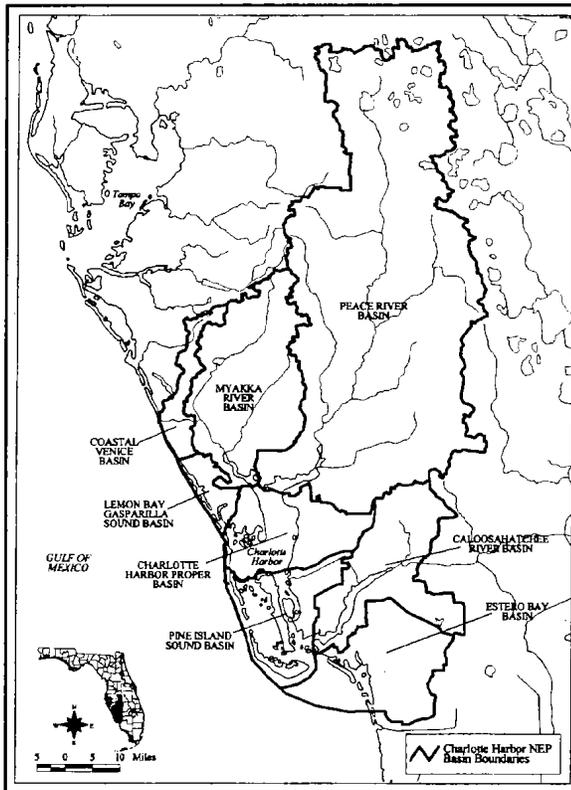
Under the SWIM Act, water management districts prioritize water bodies based on their need for protection and/or restoration. This prioritization process is carried out in cooperation with the Florida Department of Environmental Protection (FDEP), the Fish and Wildlife Conservation Commission (FWCC, 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 watersheds, 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
- 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

### **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 basin 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:**

|           | <b>FY 2000</b> | <b>FY 2001</b> | <b>FY 2002</b> |
|-----------|----------------|----------------|----------------|
| 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:**

|           | <b>FY 2000</b> | <b>FY 2001</b> | <b>FY 2002</b> |
|-----------|----------------|----------------|----------------|
| 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:**

|           | <b>FY 2000</b> | <b>FY 2001</b> | <b>FY 2002</b> |
|-----------|----------------|----------------|----------------|
| 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:**

|           | <b>FY 2000</b> | <b>FY 2001</b> | <b>FY 2002</b> |
|-----------|----------------|----------------|----------------|
| 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:**

|           | <b>FY 2000</b> | <b>FY 2001</b> | <b>FY 2002</b> |
|-----------|----------------|----------------|----------------|
| 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:**

|           | <b>FY 2000</b> | <b>FY 2001</b> | <b>FY 2002</b> |
|-----------|----------------|----------------|----------------|
| 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:**

|           | <b>FY 2000</b> | <b>FY 2001</b> | <b>FY 2002</b> |
|-----------|----------------|----------------|----------------|
| 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:**

|           | <b>FY 2000</b> | <b>FY 2001</b> | <b>FY 2002</b> |
|-----------|----------------|----------------|----------------|
| 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:**

|           | <b>FY 2000</b> | <b>FY 2001</b> | <b>FY 2002</b> |
|-----------|----------------|----------------|----------------|
| 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

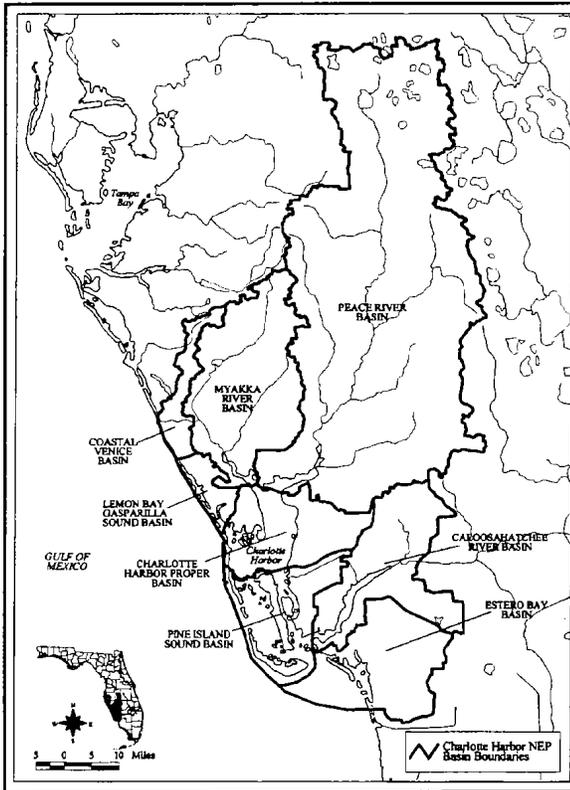
perform the following tasks: (1) develop a conceptual master plan for the entire 1,600 acre site, (2) design and obtain permits for one or two 1 to 10 acre restoration projects, and (3) oversee the construction of these projects. At present, two sites have been chosen for habitat restoration, and designs 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 Environmental 1996).

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 <u>a</u>    | 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 un-gaged. 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.,  $500,000 \times 120 \text{ mgd} = 60 \text{ mgd}$ ; 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 or 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.

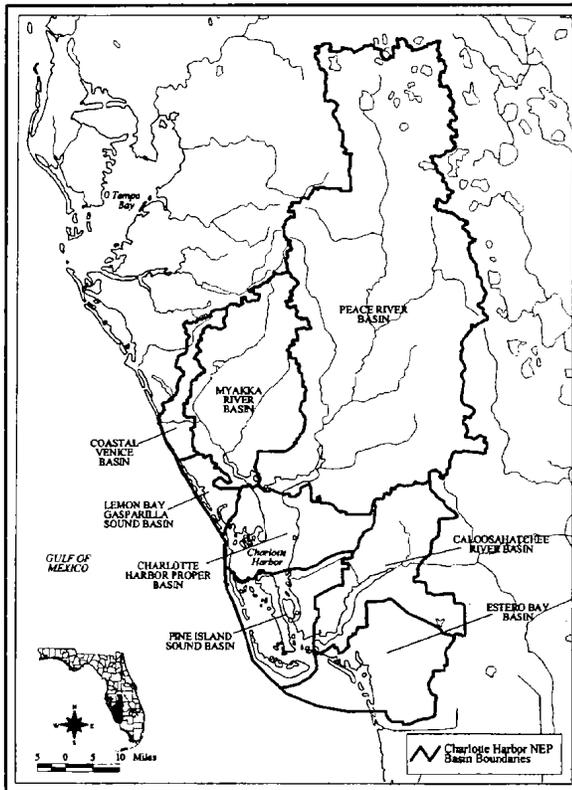
Additionally, both Lemon Bay and the Dona and Roberts Bays systems are hydrologically linked to the boundaries of "Charlotte Harbor" originally outlined in the 1993 SWIM Plan.

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



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

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 series 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**

Camp, Dresser & McKee, Inc. 1998. The study of seasonal and spatial patterns of hypoxia in Upper Charlotte Harbor. Final Report to: Surface Water Improvement and Management Section, Southwest Florida Water Management District, Tampa, FL.

Charlotte Harbor National Estuary Program. 1998. The Story of the Greater Charlotte Harbor Watershed. Charlotte Harbor National Estuary Program. North Fort Myers, FL. 135 p.

Coastal Environmental. 1995 a. A long-term water quality monitoring design for Charlotte Harbor, Florida. Final Report to: Surface Water Improvement and Management Section, Southwest Florida Water Management District, Tampa, FL.

Coastal Environmental. 1995 b. Estimates of total nitrogen, total phosphorus, and total suspended solids loadings to Charlotte Harbor, Florida. Final Report to: Surface Water Improvement and Management Section, Southwest Florida Water Management District, Tampa, FL.

Coastal Environmental. 1996. Living resource-based freshwater inflow and salinity targets for the tidal Peace River. Final Report to: Surface Water Improvement and Management Section, Southwest Florida Water Management District, Tampa, FL.

Coastal Environmental 1998. Tree Mortality Assessment of the Upper Myakka River Watershed. Final Report to: Southwest Florida Water Management District, Tampa, FL.

Flannery, M.S. and M. Barcelo. 1998. Spatial and temporal patterns of streamflow trends in the Upper Charlotte Harbor watershed. Pp. 63-72. In: S.F. Treat (ed.). Proceedings of the Charlotte Harbor Public Conference and Technical Symposium. Charlotte Harbor National Estuary Program Technical Report No. 98-02.

Florida Department of Community Affairs. 1997. Florida Assessment of Coastal Trends. Florida Coastal Management Program. Florida Department of Community Affairs. Tallahassee, FL.

Florida Department of Environmental Protection. 1994. Southwest Florida District Water Quality 1994 305(b) Technical Appendix. Florida Department of Environmental Protection. Tallahassee, FL.

Florida Marine Research Institute. 1998. Development of GIS-based maps to determine the status and trends of oligohaline vegetation in the tidal Peace and Myakka Rivers. Final Report to: Surface Water Improvement and Management Section, Southwest Florida Water Management District, Tampa, FL.

Fraser, T.H. 1991. The lower Peace River and Horse Creek: flow and water quality characteristics, 1976-1986. Pp. 143-185. In: R. Livingston (ed.). The Rivers of Florida. Springer-Verlag, Inc. New York.

Hammett, K.M. 1990. Land use, water use, streamflow characteristics, and water quality characteristics of the Charlotte Harbor inflow area, Florida. U.S. Geological Survey. Water Supply Paper 2359-A. Tallahassee, Florida. 64 p.

Harris, B.A., K.D. Haddad, K.A. Steidinger and J.A. Huff. 1983. Assessment of Fisheries Habitat: Charlotte Harbor and Lake Worth. Florida Department of Natural Resources. St. Petersburg, FL. 211 p.

Heyl, M.G. 1992. Point and non-point source pollutant loading assessment. Pp. 12.1-12.9. In: P. Roat, C. Ciccolella, H. Smith and D. Tomasko (eds.). Sarasota Bay: Framework for Action. Sarasota Bay National Estuary Program. Sarasota, FL.

Heyl, M.G. 1998. Hypoxia in Upper Charlotte Harbor. Pp. 219-227. In: S.F. Treat (ed.). Proceedings of the Charlotte Harbor Public Conference and Technical Symposium. Charlotte Harbor National Estuary Program Technical Report No. 98-02.

Johansson, J. and T. Ries. 1997. Seagrass in Tampa Bay: historic trends and future expectations. Pp. 139-150. In: S. Treat. (ed.). Proceedings, Tampa Bay Area Scientific Information Symposium 3. Tampa Bay Regional Planning Council. St. Petersburg, FL.

Kurz, R.C., D.A. Tomasko, D. Burdick, T.F. Ries, K. Patterson and R. Finck. 1999. Summary of Recent Trends in Seagrass Distributions in Southwest Florida Coastal Waters. Technical Report for: Surface Water Improvement and Management Section, Southwest Florida Water Management District, Tampa, FL.

McPherson, B.F. and R.L. Miller. 1987. The vertical attenuation of light in Charlotte Harbor, a shallow, subtropical estuary, south-western Florida. Estuarine, Coastal and Shelf Science. 25: 721-737.

McPherson, B.F., R.L. Miller and Y.E. Stoker. 1996. Physical, Chemical, and Biological Characteristics of the Charlotte Harbor Basin and Estuarine System in Southwestern Florida - A Summary of the 1982-1989 U.S. Geological Survey Charlotte Harbor Assessment and Other Studies. U.S. Geological Survey Water-Supply Paper 2486.

Morrison, G., R. Montgomery, A. Squires, R. Starks, E. DeHaven, and J. Ott. 1998. Nutrient, chlorophyll and dissolved oxygen concentrations in Charlotte Harbor: Existing conditions and long-term trends. Pp. 201-218. In: S.F. Treat (ed.). Proceedings of the Charlotte Harbor Public Conference and Technical Symposium. Charlotte Harbor National Estuary Program Technical Report No. 98-02.

Peek, H.M. 1951. Cessation of Flow of Kissengen Spring in Polk County, Florida. Florida Geological Survey Report of Investigations 7. Part III. 8 p.

Pribble, J.R., D.L. Wade, A.J. Janicki, A.P. Squires, H. Zarbock, R. Montgomery, and G. Morrison. 1997. Empirical and mechanistic approaches to establishing PLRGs in the tidal Peace and Myakka Rivers. Final Report to: Surface Water Improvement and Management Section, Southwest Florida Water Management District, Tampa, FL.

Pribble, J.R., D.L. Wade, AP. Squires, and A.J. Janicki. 1998. A mechanistic water quality model for the tidal Peace and Myakka Rivers. Pp. 241-258. In: S.F. Treat (ed.). Proceedings of the Charlotte Harbor Public Conference and Technical Symposium. Charlotte Harbor National Estuary Program Technical Report No. 98-02.

San Francisco Estuary Project. 1993. Managing Freshwater Discharge to the San Francisco Bay / Sacramento - San Joaquin Delta Estuary: The Scientific Basis for an Estuarine Standard. Report to the San Francisco Estuary Project. San Francisco, CA.

Schropp, S.J. 1998. Charlotte Harbor sediment quality data review and evaluation. Pp. 35-45. In: S.F. Treat (ed.). Proceedings of the Charlotte Harbor Public Conference and Technical Symposium. Charlotte Harbor National Estuary Program Technical Report No. 98-02.

Schropp, S.J. and Coastal Environmental 1995. Charlotte Harbor sediment quality evaluation. Final Report to: Surface Water Improvement and Management Section, Southwest Florida Water Management District, Tampa, FL.

Southwest Florida Water Management District. 1993. Charlotte Harbor SWIM Plan. Surface Water Improvement and Management Department. Southwest Florida Water Management District, Tampa, FL.

Southwest Florida Water Management District. 1997. Estimated Water Use - 1995. Conservation Projects Section. Southwest Florida Water Management District, Brooksville, FL.

Southwest Florida Water Management District. 1998. Water Management Lands Trust Fund - Save Our Rivers-Preservation 2000 Five Year Plan. Southwest Florida Water Management District, Brooksville, FL.

Tomasko, D.A., Dawes, C.J., Hall, M.O. 1996. The effects of anthropogenic nutrient enrichment on turtle grass (Thalassia testudinum) in Sarasota Bay, Florida (USA). Estuaries. 19: 448-456.

Tomasko, D.A., T.F. Ries. 1997. Responses of Tampa Bay and Sarasota Bay seagrass meadows to nitrogen load reduction. Estuarine Research Federation Newsletter. Volume 23 (Winter 1997).

Tomasko, D.A. and M.O. Hall. 1999. Productivity and biomass of the seagrass Thalassia testudinum along a gradient of freshwater influence in Charlotte Harbor, Florida (USA). Estuaries. 22: 592-602.

Tomasko, D.A., D.L. Bristol and J.A. Ott. (In review). Assessment of present and future nitrogen loads, water quality and seagrass (Thalassia testudinum) depth distribution in Lemon Bay, Florida. Estuaries.

**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. AGRICHEMICALS CORPORATION - FT. ME  | A        | A      |          | Y     | MONITOR WELL #3 ONE TIME ANALYSIS        | UNVR   | 15989     |
| 13193      | FL0001902  | MWD-16005 | U.S. AGRICHEMICALS CORPORATION - FT. ME  | A        | A      |          | Y     | FI05 Intermediate Compliance             | UNVR   | 16005     |
| 13193      | FL0001902  | MWD-16007 | U.S. AGRICHEMICALS CORPORATION - FT. ME  | A        | A      |          | Y     | FG03 Surficial Compliance                | UNVR   | 16007     |
| 13193      | FL0001902  | MWA-16016 | U.S. AGRICHEMICALS 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     |

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|-------|-----------|-----------|------------------------------------------|---|---|--------|---|------------------------------------------|------|-------|
| 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    | CAMPN 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.-AUBURDALE         | 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 |

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| 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 | AUBURDALE ALLRED WWTP                    | A | A | 1.4000  | Y | STP EFFLUENT                             | UNVR | 14905 |
| 12979 | FL0021466 | MWA-14907 | AUBURDALE 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 |

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| 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 |

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| 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 | 11166 |
| 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 |

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|-------|-----------|-----------|-----------------------------------------------|---|---|--------|---|------------------------------------------|------|-------|
| 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-11276 | 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 EFFLUENT 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 |

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| 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 |

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| 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 |
| 13066 | FLA013066 | 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 |

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|-------|-----------|-----------|------------------------------------------|---|---|---------|---|------------------------------------------|------|-------|
| 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 | Compliance 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 |

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| 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 IMMEDIATELY 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 (FFG)                              | UNVR | 16319 |
| 13250 | FLA013250 | MWC-16321 | CUTRALE CITRUS JUICES (FORMERLY COCA COL | A | A | 2.0000  | N | MW-1C (FFG)                              | 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 |

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|-------|-----------|-----------|------------------------------------------|---|---|--------|---|------------------------------------------|------|-------|
| 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 |

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| 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 discharge 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 |

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| 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 |

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| 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-11 (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 NO. 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 |

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| 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 |

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|-------|-----------|-----------|------------------------------------------|---|---|--------|---|--------------------------------------|------|-------|
| 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 #8A                         | 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 (1053 171087)               | 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     |

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|-------|-----------|-----------|------------------------------------------|---|---|--------|---|-------------------------------------------|------|-------|
| 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 consisting 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 |

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|-------|-----------|-----------|------------------------------------------|---|---|--------|---|------------------------------------------|------|-------|
| 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 MOUNTAIN 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 | TJ-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 | Compliance 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-14878 | 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 |

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| 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 |

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| 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 <COMPLIANCE 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 |

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| 14380 | FLA014380 | MWA-20874 | 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 UTILITIES 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 |

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| 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 BUZZYS 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 COURSE )                     | 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     |

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| 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 |

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| 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 | 17066 |
| 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 |

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| 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 | WOODBIRDGE 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 |

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| 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 (83)                             | UNVR | 19910 |
| 12619 | FLA012619 | MWC-13183 | 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     | DOLOMITÉ 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 DISINFECTION AND 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   | 16688     |
| 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/O 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 |