

# Lower St. Johns River Compliance Report

An analysis of Clean Water Act permit compliance,  
January 1, 2005 – August 31, 2006



June 2007

## Acknowledgements

Many individuals deserve thanks for the development of this project, and our sincere gratitude goes out to all those who had a hand in making this first compliance report a success.

Several participants deserve special mention. Interns Chris Corse and Rich Zajac toiled tirelessly and with good humor as they handled thousands of pieces of paper. Their research and hard work is the foundation of this report. Michael Howle of St. Johns Riverkeeper and Quilla Earth Miralia of the Public Trust Environmental Law Institute of Florida, Inc. helped to design the overall project, review the data and oversee the process. Warren Anderson of the Public Trust Environmental Law Institute of Florida, Inc. deserves thanks for his financial assistance and his efforts to get this project off the ground. Jessica McKinsey of St. Johns Riverkeeper deserves special recognition for her unwavering assistance with the technical issues associated with managing this large amount of data. She also designed the hyperlink feature that allows the reader to review the original documents that recorded the permit violations. Thanks to Jimmy Orth for his editorial eye and assistance. Thanks go to the staff of Florida PIRG for providing the impetus for this project with their report, "Troubled Waters". Thanks to the St. Johns Riverkeeper Issues Committee whose help was invaluable in the development of this project. Special thanks go to Bruce and Judy Homeyer for their generous financial support of the St. Johns Riverkeeper Intern Program. We owe special thanks to the staff of the Florida Department of Environmental Protection who assisted us in the location and handling of the permit files -- specifically Melissa Long, Vince Siebold, Jill Johnson, and Northeast Regional Director, Greg Strong. They made themselves available to discuss the NPDES program, as well as compliance and enforcement issues. Theirs is a difficult job.

Finally, thanks to all the citizens who support and assist St. Johns Riverkeeper in our efforts to protect the greatest body of water on the planet, the St. Johns River.

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June 2007

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## Executive Summary

In 1972, Congress passed the Clean Water Act, a law that marked a new direction in the management of pollution discharged to our waterways. As authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program was created to regulate point sources (e.g. a pipe) that discharge pollutants into the waters of the United States. In Florida, the Florida Department of Environmental Protection (DEP) has been authorized to administer the NPDES permit program. Thus, DEP has the primary legal authority to implement, oversee, and enforce the permit process.

St. Johns Riverkeeper and the Public Trust Environmental Law Institute of Florida, Inc. initiated a study to analyze the DEP NPDES permit data specific to the St. Johns River. The groups established an 20-month time frame, from January 1, 2005 to August 31, 2006, as the study period.

The purpose of the Compliance Report is to: (1) evaluate the effectiveness of facilities in complying with the limits and conditions of their NPDES permits, and (2) educate the public and provide insight into how DEP oversees the NPDES program and fulfills its responsibility of protecting our waterways. The results clearly indicate that problems exist with the compliance of NPDES permits and the administration and execution of the NPDES program. This analysis serves to document those shortcomings and provide recommendations to address those problems.

### Key Findings:

- The permit review documented 252 violations of NPDES permit limits or conditions and 46 Sanitary Sewer Overflows (SSOs) for a total of 298 total violations during the 20-month study period. SSOs totaled almost 266,000 gallons of material, with the majority relating to sewage.
- Nitrogen-related violations were the most frequent type of violation with 73 incidences. Other Water Quality issues were a close second with 65 occurrences. Bacteria violations numbered 44, and Oxygen related violations totaled 26. There were 21 violations involving heavy metals, followed by 12 violations involving toxic chemicals. There were 11 flow violations. When combined with the 46 SSO violations, flow and SSOs combine to create a substantial problem.

- JEA's Julington Creek Water Reclamation Facility (WRF or WWTF) led all facilities in the number of violations with 37. The Julington Creek wastewater treatment facility was followed by Paradise Point WWTF with 27 violations. Hiawatha and Hart Point WWTF each had 22 permit violations.
- JEA facilities, the majority of which are wastewater treatment facilities, violated their permits a total of 64 times. JEA facilities accounted for over 90% of the SSO violations, 42 of the 46 events.
- The review noted that DEP designated 27 facilities as "Out-of-Compliance" and documented 36 various "compliance" related incidences. Eighteen facilities were designated as "Significantly-Out-of-Compliance".
- A review of the data indicates that some facilities were allowed to operate for long periods of time with an out-of-compliance designation. In some cases, the time period was over a year. For example, the DEP declared East Putman County Road WWTP as "significantly-out-of-compliance" in March 2005. A year later, the facility was again designated as "significantly-out-of-compliance". The Palatka WWTF was listed as "out-of-compliance" in July of 2005. A return inspection almost a year later, in June 2006, resulted in the plant being declared "significantly-out-of-compliance".

## Introduction

In 1972, Congress passed the Clean Water Act, a law that marked a new direction in the management of pollution discharged to our waterways. The Act established several goals.

The first goal was that the discharge of pollutants into navigable waters, "... [b]e eliminated by 1985." Secondly, the Act called for all waterways to be considered fishable and/or swimmable by July 1, 1983.

Now more than two decades after Congress hoped that our nation's waterways would be pollution-free, it is clear that we are still not even close to reaching that noble goal. Consider the following:

"A majority of Americans live within 10 miles of a polluted river, stream, lake or coastal area." (1) "Approximately 39% of our rivers, 46% of our lakes, and 51% of our estuaries are impaired for one or more uses and thus still polluted for safe fishing or swimming". (1) "The Environmental Protection Agency estimates that more than 20,000 bodies of water throughout the country are too polluted to meet basic water quality standards."(1)

It's clear that the national picture is bad, and the health of the State of Florida's waterways is worse. According to the 2006 Florida Department of Environment Protection (DEP) 305(b) report, 50% of the rivers and streams and 60% of the estuaries in Florida have poor water quality. (2)

The Florida Public Interest Research Group, or Florida PIRG, released a report entitled "Troubled Waters" in March of 2006. Using EPA information, the report analyzed Clean Water Act compliance between July 2003 and December 2004. What PIRG found was troubling.

Nationally, 62% of major facilities exceeded the limits of their Clean Water Act discharge permits. During the analysis period, Florida's major facilities mirrored the national trend - 63% of the state's major facilities were in violation. Florida ranked twelfth in terms of the highest number of violations. The outlook for our regional environment is not any better. (1)

Duval County was one of the worst violators in the state - 65% of the major facilities in the county violated their discharge permits during the research period. (1) These violations have real costs to the receiving water bodies.

For example, the PIRG Report noted that facilities that discharged to the St. Johns River violated their permits almost 120 times during the research period. These violations are one reason the state of Florida lists the lower section of the St. Johns

River as “impaired” or polluted for nitrogen pollution. In Duval County, 51 tributaries to the St. Johns River are listed as impaired for high levels of bacteria and/or low levels of oxygen.

St. Johns Riverkeeper (RK) participated with Florida PIRG at the release of the study. The report clearly demonstrated the troubling compliance record found within the discharge permit system.

The PIRG report led St. Johns Riverkeeper and the Public Trust Environmental Law Institute, Inc. (Public Trust) to initiate a study to analyze discharge data specific to the St. Johns River. The results of that study follow.

## **The Permit System**

As authorized by the Clean Water Act (CWA), the National Pollutant Discharge Elimination System, or NPDES, permit program regulates point sources that discharge pollutants into the waters of the United States. The CWA prohibits any facility from discharging pollutants from a point source into a waterway unless it has a NPDES permit. The permit contains limits on what the facility can discharge and provides monitoring and reporting requirements.

Point sources refer to discharges that enter waterways from individual pipes or other identifiable locations such as discharges from sewage treatment plants and/or industrial facilities. The NPDES permitting program is geared mainly toward the regulation of municipal and non-municipal (industrial) dischargers.

The CWA authorizes the federal Environmental Protection Agency (EPA) to implement and enforce the NPDES program. However, EPA can authorize a state to implement all or part of the NPDES program. Generally speaking, once EPA authorizes a state to administer the NPDES program, it no longer engages in the day-to-day operation and management of the program. The agency does, however, still maintain responsibility for the overall performance of the program.

In Florida, the Department of Environmental Protection (DEP) has been authorized by EPA to administer the NPDES permit program and, thus, has the primary legal authority to implement and oversee the permit process.

## Methodology

St. Johns Riverkeeper and Public Trust used the PIRG report concept as a guideline for the development of this compliance analysis. The idea was simple -- research the individual NPDES permit files to determine compliance, i.e., were permitted dischargers following the terms and/or conditions of their permits?

Riverkeeper and Public Trust established an 20-month time frame, January 1, 2005 to August 31, 2006, as the study period.

Riverkeeper and Public Trust requested a list of the NPDES permitted facilities that “discharge into the river” from the DEP, and this list was used to determine the permit files for initial review. The list contained 130 facilities. As it turned out, Riverkeeper and Public Trust discovered problems with the initial DEP list during the data analysis process. (See data limitations discussion below.)

Although NPDES permit records are public information, Riverkeeper and Public Trust filed a public records request with the DEP in order to access the files.

Riverkeeper and Public Trust devised a process whereby the files and records for each facility with a NPDES permit were reviewed for notification of permit violations. We defined a violation as any event or discharge that violated the terms or requirements of the NPDES permit, regardless of the magnitude of the violation. Riverkeeper and Public Trust consider any violation to be significant.

A designation of a violation was based upon an “official” notice of violation found in the DEP file. Examples of violations included: violations of permit limits, i.e., the amount of pollutants exceeded the “limits” contained in the permit; exceedances of permitted flow amounts; sanitary sewer overflows (SSO) notices; DEP inspection reports; or notification of consent orders or other potential legal action involving the permit holder.

One point of clarification is necessary concerning SSOs. The vast majority of SSOs involved the discharge of raw sewage or other material to a water body, like the St. Johns River or a tributary. There were a few SSOs where the pollutant was discharged to the ground. Regardless, these events were all classified as violations.

Permit file documents that indicated permit violations were electronically scanned and filed by facility name. (The document scans can be accessed on the CD included with this report or on the St. Johns Riverkeeper website, [www.stjohnsriverkeeper.org](http://www.stjohnsriverkeeper.org).)

Data was then entered into an Excel spreadsheet by facility name with a description of the violation. Finally, the data was totaled and categorized to simplify the data analysis and evaluation for the general public and/or interested readers. An analysis of the data follows below.

## Data Limitations

Developing a compliance report for the first time presented some challenges for Riverkeeper and Public Trust with both the collection and the compilation of the data. This project involved the review of thousands of pages of documents and files that were at times incomplete and had to be reviewed again at a later date. Riverkeeper and Public Trust developed a system that simplified the process but certainly did not eliminate all of the problems. Some of the problems that were encountered included:

- Initially, the DEP provided a list of permitted facilities that totaled 130. (The DEP facilities list is included on the CD.) After collecting data for all of the facilities, we determined that many of these facilities did not discharge to the St. Johns River or a tributary to the River. As the data analysis proceeded, we determined that only 63 facilities actually discharged directly or indirectly to the St. Johns River. These facilities are included on the enclosed CD.
- The NPDES program is based upon self-monitoring. The permit holders are required to submit monthly monitoring reports. It was assumed that all the documents or data for a particular facility would be found in the DEP files. The initial research proved that not to be the case. Often files did not include recent data. In some cases, records would be behind by as much as 4 months. Additional time was spent returning to the DEP office to further review documents because files did not contain current information about the facilities. As a result, it is believed that there were probably violations that occurred during our brief data gathering period that were not uncovered.
- After reviewing SSO data reported to the State Warning Point (permit holders must report SSO events to the Florida Division of Emergency Management) in early 2007, we determined that several SSOs found in that data set were not captured in the Riverkeeper/ Public Trust data set. For example, the Arlington East and Buckman Wastewater Treatment Facilities listed SSOs that occurred in the study period that were not captured in the enclosed data set.
- There were other omissions in the DEP files that were noticed because of prior knowledge of specific facilities. For example, on November 1, 2005, the Arlington East facility illegally discharged over 5,000,000 gallons of raw sewage into Hogpen Creek. Yet, this SSO was not documented in the file review. St. Johns Riverkeeper had firsthand information about this incident, because this SSO was a component of a legal action originated by Riverkeeper. So, this SSO violation was not included in the data for this study, nor was the five million gallon sewage spill included in the total amount of SSO volumes.

As a result of the limitations discovered during the project, the reader is advised to consider the violations documented during this project as the **minimum** number of violations that occurred during the study period.

In addition, the data set contains information related to “consent orders”. A consent order (CO) is an agreement by a polluter (defendant) to discontinue all activities viewed by the regulatory agency (DEP) as being illegal. This agreement occurs with the consent of both parties, but it does not have court approval and stops short of a definitive judicial determination. A CO is an informal, though binding, agreement that does not include an admission of guilt by the concerned parties. A CO is the primary method the DEP uses to hold violators accountable. A CO may involve numerous violations packaged together in a single settlement. Some COs can involve facilities that have been violating the law for several years before a CO was negotiated.

In this analysis, permit holders that were under a CO are noted. Permit holders that were in violation but not under a CO at the time of the review are also noted. The reader is cautioned not to use these data to draw conclusions about DEP’s enforcement actions. These data do not lend themselves to specific analysis, e.g., how fine amounts equate to severity or number of violations. This limitation is due to the design of the data review. Future NPDES permit review projects will address this shortcoming.

Finally, this data set is a snapshot of the NPDES program linked to permit holders who directly or indirectly discharge to the St. Johns River. The focus of this project is the analysis of how permit holders met their obligation to our waterways and our community, i.e., compliance.

The purpose of this report is to educate the public and provide insight into how DEP oversees the NPDES program and fulfills its responsibility of protecting our waterways. Despite the data limitations, including omissions, the results clearly indicate that problems exist with the administration and execution of the NPDES program. This analysis serves to document those shortcomings.

## Findings

The data was compiled using a Microsoft Excel spreadsheet and can be found on a CD or on the St. Johns Riverkeeper website. The “raw” data is featured under the “Master Data” tab. These data include all of the documented violations, including individual violations by chemical or parameter, SSOs, compliance designation, compliance status, and consent orders. The data are compiled under facility names.

Each violation in the master data section is connected by a “hyperlink” to an electronic scan of the original document that indicates the violation. For example, if you click on the hyperlink for a specific SSO incident, you can review a scan of the original document that verifies that SSO violation.

The supporting documents that indicate permit violations vary in type. They can be “official” DEP documents or self-reporting data from the permit holder, including emails or report forms. The hyperlink feature applies to all the data points found in the master data spreadsheet, including water quality parameters, compliance designation, and COs.

There are several appendices where the master data has been combined or sorted to simplify the analysis and understanding of the data. These categories include: Compliance Violation Categorization, SSO by Facility, Violation by General Parameter, Compliance Violation, and Violations by Facility.

The permit review documented 252 violations of permit limits or conditions and 46 SSOs, for a total of 298 total violations during the 20-month study period. SSOs totaled almost 266,000 gallons of material, with the majority relating to sewage.

The violation descriptions in this report are based upon the language or terminology used in the permit documents, and the individual reasons for the violations are shown in **APPENDIX 1**, Compliance Violation Classification.

In order to simplify the analysis of these data, the reasons for the violations are grouped under general headings. The headings include: **Bacteria**--Fecal Coliform, Total Coliform, etc.; **Flow**—illegal by-passes, overflow, permitted flow exceedances, etc.; **Metals**—Silver, Copper, etc.; **Nitrogen Related**—Ammonia, Total Kjeldahl Nitrogen (TKN), ,etc.; **Other Water Quality**—oil and grease, pH, Total Suspended Solids (TSS); **Oxygen**—Dissolved Oxygen, Carbonaceous Biological Oxygen Demand 5 (BOD5), etc.; **Toxic Chemicals**—Chlorine, etc. These data are presented in **APPENDIX 2**.

Nitrogen-related violations were the most frequent type of violation encountered with 73 incidences. Other Water Quality issues were a close second with 65 incidences.

Bacteria violations numbered 44, and Oxygen related violations totaled 26. There were 21 violations involving heavy metals, followed by 12 violations involving toxic chemicals. There were 11 flow violations. When combined with the 46 SSO violations, flow and SSOs combine to create a substantial problem.

Violations are sorted by facility in **APPENDIX 3**. JEA's Julington Creek Water Reclamation Facility (WRF or WWTF) led all facilities in the number of violations with 37. This plant was followed by Paradise Point Wastewater Treatment Facility (WWTF) with 27 violations. Hiawatha and Hart Point WWTF each had 22 violations.

JEA facilities, the majority of which are wastewater treatment facilities, experienced a total of 64 permit violations. In regards to SSOs, JEA facilities accounted for 42 of the 46 violations.

During the study review period, DEP designated 27 facilities as "Out-of-Compliance", and 36 various "compliance" related incidences were documented (**APPENDIX 4**). Eighteen facilities were designated as "Significantly-Out-of-Compliance". As mentioned above, an out-of-compliance designation was closely linked with permit violation(s). However, it was not possible to link an out-of-compliance designation with a specific consent order.

A review of the data indicates that some facilities were allowed to operate for long periods of time with an "out-of-compliance" designation. In some cases, the time period was over a year. For example, the DEP declared East Putman County Road WWTP as "significantly-out-of-compliance" in March 2005. A year later, the facility was again designated as "significantly-out-of-compliance". The Palatka WWTF was listed as "out-of-compliance" in July of 2005. A return inspection almost a year later, in June 2006, resulted in the plant being declared "significantly-out-of-compliance".

## Discussion

The goal of the NPDES program is to reduce the amount of pollution entering our waterways and hold those who violate the law accountable.

Riverkeeper and Public Trust invested a great deal of time and effort into the study, and the groups hope that the findings will increase the public's awareness about the NPDES process and DEP's enforcement procedures. More importantly, it is hoped that this report will generate a dialogue about how to address some of the problems revealed in this report and to strengthen the oversight system.

The study documents almost 300 violations. In the context of the total number of days within the study period and the total number of facilities that were reviewed, is this a substantial number of violations? The answer is yes.

Each of the violations is an illegal discharge or action. Each action violated an environmental law, and in our opinion, reduced overall water quality in the receiving body, i.e., the St. Johns River.

For example, nitrogen-related violations were the most common type of permit excursions with 73. How does that number translate to actual water quality conditions?

First, it is important to note that the DEP has listed the lower section of the St. Johns River as "impaired" or polluted for nitrogen. In other words, the lower St. Johns contains levels of nitrogen beyond its capacity to sufficiently assimilate or dilute. Excessive levels of nitrogen can result in algae blooms, such as the toxic "Green Monster" algae bloom of 2005 that closed the St. Johns River and tributaries to contact and recreational activities for most of the summer.

It is safe to assume that the documented nitrogen violations contained in this report led to additional pounds, perhaps tons, of nitrogen being discharged to the St. Johns River. This nitrogen is over and above what has been determined to be allowable under the NPDES permit. Simply put, violations of permit limits and conditions add additional pollution to our waterways, and this additional pollution exacerbates the River's existing nutrient impairment problem. This statement does not apply exclusively to the nitrogen problem, either.

Bacteria pollution is also a significant water quality problem, especially in the tributaries. The DEP lists 51 tributaries in Duval County as impaired, and most of those are polluted with high levels of bacteria. Bacteria come from a variety of sources, and most are related to sewage. If one considers the 44 bacteria-related violations, the SSO total of 46 (SSOs almost always involve raw sewage), and the number of impaired water

bodies, the conclusion could be made that a general relationship between high levels of bacteria and permit violations may exist. In other words, violations of NPDES bacteria limits and other associated problems exacerbate the ongoing bacteria impairment problem.

While continuing violations lead to significant water quality problems, inadequate or, in some cases, a lack of enforcement leads to other problems.

One of the primary goals of the \$700 million St. Johns River Accord is to reduce nitrogen levels in the St. Johns River. Allowing current permit holders to violate their nitrogen permit limits is counter to the goals of the Accord. While it is not specifically mentioned in the Accord, strict compliance with existing environmental regulations, i.e., the NPDES permit, should be an important component of the Accord. To ask for \$700 million of public funds to clean up the River while allowing industries, municipalities, and others to violate their permits, undercuts the public's confidence and trust in the Accord and the regulatory program in general.

From the results of this study, it is difficult to judge the DEP's performance on the compliance issue. As noted above, our analysis does not lend itself to discussions or conclusions about the correlation between fines and violations. However, the report does demonstrate that a significant problem exists with permit compliance. The report found that almost 43% of the facilities that discharge to the St. Johns were designated as "out-of-compliance" during the study period. This is an unacceptable statistic.

The management and storage of the NPDES data deserves a few comments, as well. Clearly, the NPDES program generates large volumes of paperwork, yet this fact is certainly not a measure or indication of the program's effectiveness. Based on our experience in accessing and locating permit data and information, it can be extremely difficult for the public to evaluate a permit holder's performance in meeting the terms and conditions of its NPDES permit or the overall effectiveness of the NPDES program.

One reason for this challenge is the difficulties and cumbersome methods one must undertake to find, review, and duplicate data, e.g. sunshine law requests, physical location of the files, lag time in filing of reports, and duplicative programs that may not be included in file folders.

In this age of electronic media, one would assume that the DEP has a computerized database where all of this information and data can be easily accessed for review. That is simply not the case. The NPDES program does not appear that it has undergone much streamlining or improvements since its inception. The question arises - is this failure to improve the process due to the status quo, a lack of resources, or by design?

During meetings with DEP staff, Riverkeeper and Public Trust were told that "DEP-only" files exist that clearly identify NPDES violations and promote DEP follow-up activities,

including enforcement action. Although described in general terms on several occasions, we did not observe these data or this system. If there is indeed such a database or system, it should be made available to the public immediately.

The Florida chapter of the non-profit group, Public Employees for Environmental Responsibility (PEER), conducted a survey of DEP employees in January 2005. In the survey, some employees expressed concerns about management decisions that contradicted Florida's Administrative Code and about the inconsistent enforcement of environmental laws. Some employees also indicated that political pressure and intimidation were present within the Department. ([http://www.peer.org/pubs/whitepapers/improving\\_floridas\\_dep.pdf](http://www.peer.org/pubs/whitepapers/improving_floridas_dep.pdf)). It would be difficult to make a direct correlation between the allegations from the PEER survey and the compliance problems found in this study. However, the allegations may bear consideration when trying to determine the reasons for the poor track record of compliance encountered during the study period.

Finally, while the NPDES program is managed by the Florida DEP, it is ultimately overseen by the EPA. The EPA also has a responsibility to make sure that permit holders are operating in a legal manner and meeting the limits and conditions of their permits. In addition, EPA has the responsibility to make sure that DEP is overseeing and operating the program in a fair, consistent and effective manner.

The EPA maintains the ECHO (Enforcement and Compliance History Online) database to allow anyone to monitor the NPDES Permitting program, including compliance issues. Unfortunately, this database is woefully out-of-date. Records are often two years beyond current date. We suspect that this limitation is due to a combination of problems similar to those documented by this study at both the state and the federal levels.

## Recommendations

After reviewing the data and the 298 documented violations, the question remains - what does it mean? Perhaps it is enough to document these illegal events and trust that policymakers will use this data to improve the NPDES program.

We believe that it is time to move beyond a wait-and-see approach and push for meaningful improvements to the NPDES program. The St. Johns River's health depends upon significant changes being made to the NPDES permit program that will lead to up-to-date, easily obtained compliance information and a more effective enforcement program.

To that end, we present the following recommendations.

1. Florida DEP should create an annual compliance report to clearly indicate the compliance status of NPDES permit holders. The report should include documentation of violations by facility and subsequent enforcement actions taken against violators. This report should be available online.
2. The DEP should develop an easily accessible, online permit review process whereby citizens can easily obtain and monitor the compliance record for any NPDES permit holder. This statewide system should contain options to monitor enforcement action by District Offices or by individual watersheds.
3. The DEP should make available online to the public any and all enforcement tracking reports available to DEP staff. There should be no proprietary data reports that are kept from the public.
4. DEP's enforcement reports should be posted online and linked to specific permit violations. The general data that describes overall enforcement activities and total fine amounts by region is not specific enough.
5. The DEP should decrease filing lag times for NPDES permits. There should be no more than a month's delay in filing compliance information, including facility review documents and compliance status.
6. The Florida Attorney General's Office should review the accessibility of all DEP compliance information, and determine if all tenants of the public records law are being followed.
7. The Florida Attorney General's Office should conduct an internal audit to determine if the allegations in the PEER study by DEP employees have merit.
8. The DEP should develop a Geographic Information System that shows the location of all facilities that hold an NPDES permit. If a GIS system currently exists, it should be made available to the public.
9. EPA should maintain and expand the Enforcement and Compliance History Online (ECHO) database. EPA should strive to update the available data, thereby shortening the time lag between actual permit violations and posting on the website.

## List of Acronyms

<b>BOD5</b>	Biological Oxygen Demand 5 Day
<b>CO</b>	Consent Order
<b>CWA</b>	Clean Water Act
<b>DEP</b>	Florida Department of Environmental Protection
<b>DO</b>	Dissolved Oxygen
<b>ECHO</b>	Enforcement and Compliance History Online database
<b>EPA</b>	U.S. Environmental Protection Agency
<b>NPDES</b>	National Pollutant Discharge System
<b>PEER</b>	Public Employees for Environmental Responsibility
<b>PIRG</b>	Florida Public Interest Research Group
<b>RK</b>	St. Johns Riverkeeper
<b>SSO</b>	Sanitary Sewage Overflow
<b>TKN</b>	Total Kjeldahl Nitrogen
<b>TSS</b>	Total Suspended Solids
<b>WRF</b>	Water Reclamation Facility
<b>WWTF</b>	Wastewater Treatment Facility

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- 1) *Troubled Waters, An analysis of Clean Water Act compliance, July 2003-December 2004.* March 2006. Christy Leavitt, Florida PIRG. 43 pp. [www.floridapirg.org](http://www.floridapirg.org)
- 2) *Integrated Water Quality Assessment for Florida: 2006 305(b) Report and 303(d) List Update.* May 2006. Florida Department of Environmental Protection. 220 pp.

## APPENDIX 1

### Compliance Violation Classification

Non-Compliance Classification	Facility Name (WWTF or WRF = Wastewater Treatment Facility)	Issues
<b>Out of Compliance</b>		<b>17</b>
	Atlantic Dry Dock WWTF	1
	Florida Rock Industries - Green Cove Springs	1
	Hard Rock Materials	1
	Hastings WWTF	1
	Jax Maritime Partners (Fka Jefferson Smurfit Corp - Jax)	1
	JEA Monterey WWTF	1
	Middleburg Bluffs WWTF	1
	Orange Park WWTF	1
	Palatka WWTF	2
	Royal Court North	1
	Royal Court South	1
	Spencer WWTF	1
	State Road 16 WWTF	2
	Tarmac - St. Augustine Facility	1
	USN Mayport Naval Station WWTF	1
<b>Significantly Out of Compliance</b>		<b>18</b>
	Bailey's Mobile Home Park WWTF	2
	Centurion Truck Plaza WWTF	1
	East Putnam County Road WTP	3
	Fang - Camp Blanding WWTF	1
	Goodbread Mobile Home Park	1
	Green Cove Springs South	1
	Palatka WWTF	1
	Paradise Point WWTF	1
	Port Buena Vista WWTF	1
	Produce Terminal	2
	Royal Court North	1
	Royal Court South	1
	Silver Dolphin	1
	Trinity Materials Plant #2 (FKA S W Materials, Inc Clear Hal)	1
<b>Minor Out of Compliance</b>		<b>1</b>
	Rinker Materials - North St Augustine Facility	1

## APPENDIX 2

### Violation by General Parameter

Violation Group	Parameter	Facility Name (WWTF or WRF = Wastewater Treatment Facility)	Number of Violations
<b>Bacteria</b>	<b>Failure to Chlorinate Effluence</b>		<b>1</b>
		Jacksonville Beach WWTF	1
	<b>Fecal Coliform</b>		<b>40</b>
		Centurion Truck Plaza WWTF	2
		District II WWTF	1
		Jacksonville Beach WWTF	1
		JEA Blacks Ford WRF	1
		JEA Buckman WWTF	2
		JEA Julington Creek WRF	12
		JEA Mandarin WRF	2
		JEA Monterey WWTF	1
		JEA Royal Lakes WWTF	1
		JEA San Jose WWTF	2
		JEA Southwest District WWTF	1
		Paradise Point WWTF	9
		Port Buena Vista WWTF	3
		Silver Dolphin	2
	<b>Total Coliform</b>		<b>3</b>
		Anguilla Fish Farm	1
		Neptune Beach WWTF	1
	Silver Dolphin	1	
<b>Flow</b>	<b>Annual Average Limitation</b>		<b>1</b>
		JEA Woodmere WWTF	1
	<b>Chemical Waste Treatment System Overflow</b>		<b>1</b>
		JEA Northside Units 1 2 3	1
	<b>Demineralizer Overflow</b>		<b>1</b>
		JEA Northside Units 1 2 3	1
	<b>Exceeded Flow Limits</b>		<b>1</b>
		JEA Southwest District WWTF	1
	<b>Flow</b>		<b>2</b>
		Cypress Landing WWTF	1
		Port Buena Vista WWTF	1
	<b>Illegal Bypass</b>		<b>2</b>
		Green Cove Springs - Harbor Road WWTF	2
	<b>Illegal Discharge of Stormwater</b>		<b>1</b>
		Georgia Pacific Corp - Palatka	1
	<b>Overflow</b>		<b>1</b>
	Atlantic Beach WWTF	1	
<b>Percent Capacity %</b>		<b>1</b>	
	Port Buena Vista WWTF	1	

## APPENDIX 2

### Violation by General Parameter

Violation Group	Parameter	Facility Name (WWTF or WRF = Wastewater Treatment Facility)	Number of Violations
<b>Metals</b>			<b>21</b>
	<b>Copper</b>		<b>4</b>
		Atlantic Dry Dock WWTF	1
		District II WWTF	1
		JEA San Pablo	1
		Silver Dolphin	1
	<b>Cyanide</b>		<b>1</b>
		Palatka WWTF	1
	<b>Iron</b>		<b>3</b>
		Millennium Speciality Chemicals (Fka Scm Glidco)	2
		USN Mayport Naval Station WWTF	1
	<b>Nickel</b>		<b>2</b>
		Atlantic Dry Dock WWTF	1
		USN Mayport Naval Station WWTF	1
	<b>Silver</b>		<b>10</b>
		Anguilla Fish Farm	1
		Orange Park WWTF	1
		Palatka WWTF	8
	<b>Total Recoverable Copper</b>		<b>1</b>
		USN Mayport Naval Station WWTF	1
<b>Nitrogen Related</b>			<b>73</b>
	<b>Ammonia</b>		<b>4</b>
		Goodbread Mobile Home Park	3
		Town Of Penney Farms WWTF	1
	<b>Organic Nitrogen</b>		<b>1</b>
		Town Of Penney Farms WWTF	1
	<b>Total Ammonia</b>		<b>5</b>
		Paradise Point WWTF	5
	<b>Total Kjeldahl Nitrogen</b>		<b>17</b>
		Centurion Truck Plaza WWTF	4
		JEA Julington Creek WRF	12
		JEA Woodmere WWTF	1
	<b>Total Nitrogen</b>		<b>37</b>
		Hastings WWTF	5
		Hiawatha & Hart Point WWTF	10
		JEA Blacks Ford WRF	5
		Middleburg Bluffs WWTF	1
		Palatka WWTF	1
		Paradise Point WWTF	6
		Spencer WWTF	9
	<b>Unionized Ammonia</b>		<b>9</b>
		Green Cove Springs South	4
		JEA Royal Lakes WWTF	1
		Paradise Point WWTF	1
		Port Buena Vista WWTF	3

## APPENDIX 2

### Violation by General Parameter

Violation Group	Parameter	Facility Name (WWTF or WRF = Wastewater Treatment Facility)	Number of Violations
<b>Other Water Quality</b>			<b>65</b>
	<b>Liquefied Solids</b>		<b>1</b>
		Seminole Electric Coop WWTF	1
	<b>Oil and Grease</b>		<b>15</b>
		JEA Julington Creek WRF	10
		Seminole Electric Coop WWTF	1
		USN Mayport Naval Station WWTF	4
	<b>pH</b>		<b>10</b>
		JEA Northside Units 1 2 3	1
		Millennium Speciality Chemicals (Fka Scm Glidco)	1
		Palatka WWTF	1
		Port Buena Vista WWTF	1
		State Road 16 WWTF	1
		USN Mayport Naval Station WWTF	1
		USN NAS Jacksonville WWTF	4
	<b>Surfactants</b>		<b>7</b>
		USN Mayport Naval Station WWTF	6
		USN NAS Jacksonville WWTF	1
	<b>Total Dissolved Solids</b>		<b>1</b>
		District II WWTF	1
	<b>Total Phosphorus</b>		<b>3</b>
		JEA Julington Creek WRF	1
		Paradise Point WWTF	2
	<b>Total Residential Oxidant</b>		<b>1</b>
		JEA - Saint Johns River Power Park WWTF	1
	<b>Total Suspended Solids</b>		<b>24</b>
		Centurion Truck Plaza WWTF	3
		Hiawatha & Hart Point WWTF	6
		JEA Blacks Ford WRF	3
		JEA Julington Creek WRF	1
		Neptune Beach WWTF	1
		Palatka WWTF	1
		Silver Dolphin	1
		Spencer WWTF	2
		State Road 16 WWTF	4
		State Road 207 WWTF	2
	<b>Turbidity-Water Quality Standards</b>		<b>3</b>
		E I Dupont De Nemours - Maxville Mine	3

## APPENDIX 2

### Violation by General Parameter

Violation Group	Parameter	Facility Name (WWTF or WRF = Wastewater Treatment Facility)	Number of Violations
<b>Oxygen</b>			<b>26</b>
	<b>Carbonaceous Biological Oxygen Demand 5</b>		<b>19</b>
		Centurion Truck Plaza WWTF	1
		Fang - Camp Blanding WWTF	1
		Hiawatha & Hart Point WWTF	6
		JEA Julington Creek WRF	1
		Paradise Point WWTF	4
		Port Buena Vista WWTF	3
		Silver Dolphin	1
		Spencer WWTF	2
	<b>Dissolved Oxygen</b>		<b>7</b>
		Cypress Landing WWTF	3
		Fang - Camp Blanding WWTF	2
		Georgia Pacific Corp - Palatka	1
		Miller Street WWTF	1
<b>Toxic Chemicals</b>			<b>12</b>
	<b>Chlorine Residual</b>		<b>2</b>
		USN Mayport Naval Station WWTF	1
		USN NAS Jacksonville WWTF	1
	<b>Sodium Hydroxide</b>		<b>1</b>
		Millennium Speciality Chemicals (Fka Scm Glidco)	1
	<b>Total Residual Chlorine</b>		<b>8</b>
		Atlantic Dry Dock WWTF	1
		Fang - Camp Blanding WWTF	6
		USN Mayport Naval Station WWTF	1
	<b>Total Residual Chlorine</b>		<b>1</b>
		USN Mayport Naval Station WWTF	1
<b>Grand Total</b>			<b>252</b>

### APPENDIX 3 Sanitary Sewer Overflow (SSO) By Facility

Facility Name (WWTF or WRF = Wastewater Treatment Facility)	Discharge Date	Amount	Total Number of Violations
<b>JEA Mandarin WRF</b>		<b>+/- 63,700 gallons</b>	
	2006 Jun 13	+/- 40,000 gallons	1
	2006 May 28	+/- 20,000 gallons	1
	2005 Mar 28	+/- 3,500 gallons	1
	2006 Aug 02	+/- 200 gallons	1
<b>JEA Blacks Ford WRF</b>		<b>+/- 59,820 gallons</b>	
	2005 Jan 18	+/- 52,620 gallons	1
	2005 Jan 24	+/- 6,500 gallons	1
	2005 Jan 30	+/- 700 gallons	1
<b>JEA Southwest District WWTF</b>		<b>+/- 49,854 gallons</b>	
	2005 Jan 30	+/- gallons	1
	2006 Mar 01	+/- 1,700 gallons	1
	2006 Jun 11	+/- 540 gallons	1
	2006 Aug 14	+/- 300 gallons	1
	2006 Sep 08	+/- 12,264 gallons	2
	2006 Sep 14	+/- 50 gallons	1
	2006 Sep 17	+/- 35,000 gallons	1
<b>JEA Monterey WWTF</b>		<b>+/- 26,250 gallons</b>	
	2006 Sep 03	+/- 26,250 gallons	1
<b>JEA Julington Creek WRF</b>		<b>+/- 22,000 gallons</b>	
	2005 Sep 06	+/- 20,000 gallons	1
	2005 Oct 30	+/- 2,000 gallons	1
<b>JEA Buckman WWTF</b>		<b>+/- 14,499 gallons</b>	
	2005 Feb 04	+/- 2,500 gallons	1
	2005 Feb 18	+/- 3,500 gallons	1
	2005 Mar 31	+/- 3,000 gallons	1
	2005 Oct 13	+/- 2,500 gallons	1
	2005 Dec 20	+/- 200 gallons	1
	2006 Mar 15	+/- 50 gallons	1
	2006 May 19	+/- 60 gallons	1
	2006 May 24	+/- 1,599 gallons	1
	2006 Jun 10	+/- 720 gallons	1
	2006 Jun 16	+/- 200 gallons	1
	2006 Jun 20	+/- 70 gallons	2
	2006 Jul 24	+/- 100 gallons	1

## APPENDIX 3

### Sanitary Sewer Overflow (SSO) By Facility

Facility Name (WWTF or WRF = Wastewater Treatment Facility)	Discharge Date	Amount	Total Number of Violations
<b>USN Mayport Naval Station WWTF</b>			
	2005 Nov 13	+/- 4,500 gallons	1
	2006 May 22	+/- 4,000 gallons	1
<b>JEA Arlington East WWTF</b>			
	2006 Feb 04	+/- 2,500 gallons	1
	2006 May 18	+/- 200 gallons	1
	2006 May 22	+/- 3,800 gallons	1
	2006 Jun 05	+/- 1,404 gallons	1
<b>JEA Royal Lakes WWTF</b>			
	2005 Feb 12	+/- 4,320 gallons	1
<b>JEA Woodmere WWTF</b>			
	2006 Mar 13	+/- 3,750 gallons	1
<b>JEA San Jose WWTF</b>			
	2005 Mar 27	+/- 2,000 gallons	1
	2005 Oct 03	+/- 50 gallons	1
<b>JEA San Pablo</b>			
	2006 Feb 14	+/- 1,600 gallons	1
<b>District II WWTF</b>			
	2005 Mar 30	+/- 700 gallons	1
<b>Atlantic Beach WWTF</b>			
	2006 May 06	+/- 400 gallons	1
<b>JEA Kennedy Generating Station</b>			
	2005 Feb 08	+/- 300 gallons	1
<b>Paradise Point WWTF</b>			
	2006 Mar 13	+/- 30 gallons	1
<b>Grand Total</b>		<b>+/- 265,677 gallons</b>	<b>46</b>

## APPENDIX 4

### Violations by Facility

Facility Name (WWTF or WRF = Wastewater Treatment Facility)	General Chemical	Number of Issues
<b>JEA Julington Creek WRF</b>		
	Bacteria	12
	Nitrogen Related	12
	Other Water Quality	12
	Oxygen	1
<b>Paradise Point WWTF</b>		
	Bacteria	9
	Nitrogen Related	12
	Other Water Quality	2
	Oxygen	4
<b>Hiawatha &amp; Hart Point WWTF</b>		
	Nitrogen Related	10
	Other Water Quality	6
	Oxygen	6
<b>USN Mayport Naval Station WWTF</b>		
	Metals	3
	Other Water Quality	11
	Toxic Chemicals	3
<b>Spencer WWTF</b>		
	Nitrogen Related	9
	Other Water Quality	2
	Oxygen	2
<b>Palatka WWTF</b>		
	Metals	9
	Nitrogen Related	1
	Other Water Quality	2
<b>Port Buena Vista WWTF</b>		
	Bacteria	3
	Flow	2
	Nitrogen Related	3
	Other Water Quality	1
	Oxygen	3

## APPENDIX 4 Violations by Facility

Facility Name (WWTF or WRF = Wastewater Treatment Facility)	General Chemical	Number of Issues
<b>Centurion Truck Plaza WWTF</b>		<b>10</b>
	Bacteria	2
	Nitrogen Related	4
	Other Water Quality	3
	Oxygen	1
<b>Fang - Camp Blanding WWTF</b>		<b>9</b>
	Oxygen	3
	Toxic Chemicals	6
<b>JEA Blacks Ford WRF</b>		<b>9</b>
	Bacteria	1
	Nitrogen Related	5
	Other Water Quality	3
<b>Silver Dolphin</b>		<b>6</b>
	Bacteria	3
	Metals	1
	Other Water Quality	1
	Oxygen	1
<b>USN NAS Jacksonville WWTF</b>		<b>6</b>
	Other Water Quality	5
	Toxic Chemicals	1
<b>Hastings WWTF</b>		<b>5</b>
	Nitrogen Related	5
<b>State Road 16 WWTF</b>		<b>5</b>
	Other Water Quality	5
<b>Green Cove Springs South</b>		<b>4</b>
	Nitrogen Related	4
<b>Cypress Landing WWTF</b>		<b>4</b>
	Flow	1
	Oxygen	3

## APPENDIX 4 Violations by Facility

Facility Name (WWTF or WRF = Wastewater Treatment Facility)	General Chemical	Number of Issues
<b>Millennium Speciality Chemicals (Fka Scm Glidco)</b>		<b>4</b>
	Metals	2
	Other Water Quality	1
	Toxic Chemicals	1
<b>Goodbread Mobile Home Park</b>		<b>3</b>
	Nitrogen Related	3
<b>Atlantic Dry Dock WWTF</b>		<b>3</b>
	Metals	2
	Toxic Chemicals	1
<b>District II WWTF</b>		<b>3</b>
	Bacteria	1
	Metals	1
	Other Water Quality	1
<b>E I Dupont De Nemours - Maxville Mine</b>		<b>3</b>
	Other Water Quality	3
<b>JEA Northside Units 1 2 3</b>		<b>3</b>
	Flow	2
	Other Water Quality	1
<b>Anguilla Fish Farm</b>		<b>2</b>
	Bacteria	1
	Metals	1
<b>Georgia Pacific Corp - Palatka</b>		<b>2</b>
	Flow	1
	Oxygen	1
<b>Green Cove Springs - Harbor Road WWTF</b>		<b>2</b>
	Flow	2
<b>Jacksonville Beach WWTF</b>		<b>2</b>
	Bacteria	2

## APPENDIX 4 Violations by Facility

Facility Name (WWTF or WRF = Wastewater Treatment Facility)	General Chemical	Number of Issues
<b>JEA Buckman WWTF</b>		<b>2</b>
	Bacteria	2
<b>JEA Mandarin WRF</b>		<b>2</b>
	Bacteria	2
<b>JEA Royal Lakes WWTF</b>		<b>2</b>
	Bacteria	1
	Nitrogen Related	1
<b>JEA San Jose WWTF</b>		<b>2</b>
	Bacteria	2
<b>JEA Southwest District WWTF</b>		<b>2</b>
	Bacteria	1
	Flow	1
<b>JEA Woodmere WWTF</b>		<b>2</b>
	Flow	1
	Nitrogen Related	1
<b>Neptune Beach WWTF</b>		<b>2</b>
	Bacteria	1
	Other Water Quality	1
<b>Seminole Electric Coop WWTF</b>		<b>2</b>
	Other Water Quality	2
<b>State Road 207 WWTF</b>		<b>2</b>
	Other Water Quality	2
<b>Town Of Penney Farms WWTF</b>		<b>2</b>
	Nitrogen Related	2
<b>JEA San Pablo</b>		<b>1</b>
	Metals	1

## APPENDIX 4 Violations by Facility

Facility Name (WWTF or WRF = Wastewater Treatment Facility)	General Chemical	Number of Issues
<b>Atlantic Beach WWTF</b>		<b>1</b>
	Flow	1
<b>JEA - Saint Johns River Power Park WWTF</b>		<b>1</b>
	Other Water Quality	1
<b>JEA Monterey WWTF</b>		<b>1</b>
	Bacteria	1
<b>Middleburg Bluffs WWTF</b>		<b>1</b>
	Nitrogen Related	1
<b>Miller Street WWTF</b>		<b>1</b>
	Oxygen	1
<b>Orange Park WWTF</b>		<b>1</b>
	Metals	1
<b>Grand Total</b>		<b>252</b>

## APPENDIX 5

### Compliance Report List of Facilities

**Anguilla Fish Farm (FL0278076)**

**Facility Type:** Industrial Wastewater Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Unknown ownership.

**Exp. Date:** 5/8/2007

**Facility Address:**

181 SCHOOL RD

EAST PALATKA, PUTNAM, FL

**Managed By:**

Dugan Whiteside, Owner\Manager

Anguilla Fish Farm

PO Box 817

Hastings FL 32145-0817

9046921050

**Atlantic Beach WWTF (FL0038776)**

**Facility Type:** Domestic WWTP Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Unknown ownership.

**Exp. Date:** 2/13/2007

**Facility Address:**

1100 SANDPIPER LN

ATLANTIC BEACH, DUVAL, FL

Managed By:

Jim Hanson, City Manager

City of Atlantic Beach

800 Seminole Rd

Atlantic Beach FL 32233-5444

9042475800

**Atlantic Dry Dock WWTF (FL0040592)**

**Facility Type:** Domestic WWTP Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Unknown ownership.

**Exp. Date:** 11/15/2009

**Facility Address:**

8500 HECKSCHER DR

JACKSONVILLE, DUVAL, FL

Managed By:

Wayne S Holt, Environmental\Safety Director

Atlantic Dry Dock Wastewater Facility

8500 Heckscher Dr

Jacksonville FL 32226-2434

9042513164

**Bailey's Mobile Home Park WWTF**

**(FL0115231)**

**Facility Type:** Domestic WWTP Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Unknown ownership.

**Exp. Date:** 11/19/2007

**Facility Address:**

12401 NORMANDY BLVD

JACKSONVILLE, DUVAL, FL

Managed By:

Alan L Bailey, Owner

Bailey's Mobile Home Park

12405B Normandy Blvd

Jacksonville FL 32221-2220

9047811170

**Centurion Truck Plaza WWTF (FL0042421)**

**Facility Type:** Domestic WWTP Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Unknown ownership.

**Exp. Date:** 4/1/2006

**Facility Address:**

5912 NEW KINGS RD

JACKSONVILLE, DUVAL, FL

Managed By:

Mike Sweat, Director of Maintenance

Centurion Auto Transport

3370 Old Kings Rd

Jacksonville FL 32254-1445

9047986747

**Cypress Landing WWTF (FL0043842)**

**Facility Type:** Domestic WWTP Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Unknown ownership.

**Exp. Date:** 5/15/2008

**Facility Address:**

116 CYPRESS LNDG

JACKSONVILLE, ST. JOHNS, FL

Managed By:

Karen F Darnell, President

Cypress Landing Improvement Association

107 Cypress Lndg

Jacksonville FL 32259-2870

9042870291

**District II WWTF (FL0026450)****Facility Type:** Domestic WWTP Status: A**DEP Office:** NED**NPDES:** Y**Ownership Type:** Unknown ownership.**Exp. Date:** 8/28/2005**Facility Address:**

1840 CEDAR BAY RD

JACKSONVILLE, DUVAL, FL

Managed By:

Paul K Steinbrecher, Director, Permitting &  
Regulatory Conformance

JEA

21 W Church St # 8

Jacksonville FL 32202-3155

9046655653

**E I Dupont De Nemours - Maxville Mine  
(FL0040274)****Facility Type:** Industrial Wastewater Status: A**DEP Office:** NED**NPDES:** Y**Ownership Type:** Any private, non-government  
organization.**Exp. Date:** 12/27/2011**Facility Address:**

HWY 218, WEST OF U.S. 310

MAXVILLE, CLAY, FL

Managed By:

Ken Klein, Plant Manager

E.I. Dupont De Nemours &amp; Co Inc

PO Box 753

Starke FL 32091-0753

9049641222

**East Putnam County Road WTP (FL0433365)****Facility Type:** Industrial Wastewater Status: U**DEP Office:** NED**NPDES:** Y**Ownership Type:** Any private, non-government  
organization.**Exp. Date:** 4/3/2011**Facility Address:**

223 PUTNAM COUNTY BLVD

EAST PALATKA, PUTNAM, FL

Managed By:

Richard Leary, PMTE

Putnam County

PO Box 758

Palatka FL 32178-0758

3863290212

**Fang - Camp Blanding WWTF (FL0022853)****Facility Type:** Domestic WWTP Status: A**DEP Office:** NED**NPDES:** Y**Ownership Type:** Unknown ownership.**Exp. Date:** 7/2/2007**Facility Address:**

RR 1 BOX 465

STARKE, CLAY, FL

Managed By:

Jeffrey W Hetherington, Colonel

Florida Army National Guard - Camp Blanding

RR 1 Box 465

Starke FL 32091-9703

9046823357

**Florida Rock Industries - Green Cove  
Springs  
(FLG110189)****Facility Type:** Concrete Batch GP Status: A**DEP Office:** NED**NPDES:** Y**Ownership Type:** Unknown ownership.**Exp. Date:** 12/26/2009**Facility Address:**

STATE ROAD 17

GREEN COVE SPRINGS, CLAY, FL

Managed By:

Hugh Perry, Environmental Director

Florida Rock Industries, Inc.

PO Box 4667

Jacksonville FL 32201-4667

9043551781 HUGHP@FLAROCK.COM

**Georgia Pacific Corp - Palatka (FL0002763)****Facility Type:** Industrial Wastewater Status: A**DEP Office:** NED**NPDES:** Y**Ownership Type:** Any private, non-government  
organization.**Exp. Date:** 8/5/2007**Facility Address:**

CR 216

PALATKA, PUTNAM, FL

Managed By:

Keith Wahoske, Vice President of Operations

Georgia Pacific Corporation

PO Box 919

Palatka FL 32178-0919

**Green Cove Springs - Harbor Road WWTF (FL0020915)**

**Facility Type:** Domestic WWTP Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Unknown ownership.

**Exp. Date:** 8/21/2007

**Facility Address:**

1277 HARBOR RD  
GREEN COVE SPRINGS, CLAY, FL

Managed By:

Bobby G Gamble, Public Works Director

Green Cove Springs, City of

321 Walnut St

Green Cove Springs FL 32043-3441

9045292200

**Hard Rock Materials (FLG110740)**

**Facility Type:** Concrete Batch GP Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Any private, non-government organization.

**Exp. Date:** 10/5/2011

**Facility Address:**

301 HWY  
BALDWIN, DUVAL, FL

Managed By:

Michael J Cameron, Treasurer

Hard Rock Materials

4410 Industrial Park

Green Cove Springs FL 32043

9042841300

**Hastings WWTF (FL0042315)**

**Facility Type:** Domestic WWTP Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** An organization that is an identified part of a Florida city government entity.

**Exp. Date:** 7/10/2011

**Facility Address:**

819 N MAIN ST  
HASTINGS, ST. JOHNS, FL

Managed By:

Tom Ward, Mayor

Town of Hastings

6195 S Main St Ste A

Hastings FL 32145-3939

9046921420

**Hiawatha & Hart Point WWTF (FL0043389)**

**Facility Type:** Domestic WWTP Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Any private, non-government organization.

**Exp. Date:** 11/28/2006

**Facility Address:**

116 HIAWATHA CT  
EAST PALATKA, PUTNAM, FL

Managed By:

Kathleen "Teresa" Burnett, Manager

Hiawatha & Hart Point Treatment Facility Inc.

116 Hiawatha Ct

East Palatka FL 32131-4044

9046255580

**Iluka Resources, Inc (Fka Rgc Mineral Sands, Inc ) (FL0002119)**

**Facility Type:** Industrial Wastewater Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Unknown ownership.

**Exp. Date:** 3/12/2007

**Facility Address:**

1223 WARNER RD  
GREEN COVE SPRINGS, CLAY, FL

Managed By:

Denis Geldard, PMTE

Iluka Resources, Inc.

1223 Warner Rd

Green Cove Springs FL 32043-4623

9042849832

**Jacksonville Beach WWTF (FL0020231)**

**Facility Type:** Domestic WWTP Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Unknown ownership.

**Exp. Date:** 3/9/2004

**Facility Address:**

910 S. WEST 10TH STREET  
JACKSONVILLE BCH, DUVAL, FL

Managed By:

William T Edwards, Director Of Public Works

City of Jacksonville Beach

1460A Shetter Ave

Jacksonville Beach FL 32250-3432

9042476219

**Jacksonville Heights WWTF (FL0023671)**

**Facility Type:** Domestic WWTP Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Unknown ownership.

**Exp. Date:** 3/13/2005

**Facility Address:**

5957 TAMPICO RD

JACKSONVILLE, DUVAL, FL

Managed By:

Paul K Steinbrecher, Director, Permitting &  
Regulatory Conformance

JEA

21 W Church St # 8

Jacksonville FL 32202-3155

9046655653

**Jax Maritime Partners (Fka Jefferson Smurfit Corp - Jax) (FL0000892)**

**Facility Type:** Industrial Wastewater Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Unknown ownership.

**Exp. Date:** 7/24/2008

**Facility Address:**

3389 POWERS AVE

JACKSONVILLE, DUVAL, FL

Managed By:

Paul Raudenbush, Director  
Jax Maritime Partners, LLC

111 Riverside Ave

Jacksonville FL 32202-4921

9047914655

PRAUDENBUSH@THEHASKELLCO.COM

**JEA - Saint Johns River Power Park WWTF (FL0037869)**

**Facility Type:** Industrial Wastewater Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Unknown ownership.

**Exp. Date:** 2/9/2011

**Facility Address:**

11201 NEW BERLIN RD

JACKSONVILLE, DUVAL, FL

Managed By:

Jay Worley, Director, Environmental & Sfty  
St. Johns River Power Park

11201 New Berlin Rd

Jacksonville FL 32226-2275

9047517729

**JEA Arlington East WWTF (FL0026441)**

**Facility Type:** Domestic WWTP Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Unknown ownership.

**Exp. Date:** 10/6/2007

**Facility Address:**

1555 MILLCOE RD

JACKSONVILLE, DUVAL, FL

Managed By:

Paul K Steinbrecher, Director, Permitting &  
Regulatory Conformance

JEA

21 W Church St # 8

Jacksonville FL 32202-3155

9046655653

**JEA Blacks Ford WRF (FL0174441)**

**Facility Type:** Domestic WWTP Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Unknown ownership.

**Exp. Date:** 7/6/2009

**Facility Address:**

1310 - 100 ROBERTS ROAD

JACKSONVILLE, ST. JOHNS, FL

Managed By:

Paul K Steinbrecher, Director, Permitting &  
Regulatory Conformance

JEA

21 W Church St # 8

Jacksonville FL 32202-3155

9046655653

**JEA Buckman WWTF (FL0026000)**

**Facility Type:** Domestic WWTP Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Unknown ownership.

**Exp. Date:** 2/17/2005

**Facility Address:**

2221 BUCKMAN ST

JACKSONVILLE, DUVAL, FL

Managed By:

Paul K Steinbrecher, Director, Permitting &  
Regulatory Conformance

JEA

21 W Church St # 8

Jacksonville FL 32202-3155

9046655653

**JEA Julington Creek WRF (FL0043591)**

**Facility Type:** Domestic WWTP Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Unknown ownership.

**Exp. Date:** 10/16/2008

**Facility Address:**

1638 DAVIS POND BOULEVARD

FRUIT COVE, DUVAL, FL

Managed By:

Paul K Steinbrecher, Director, Permitting &  
Regulatory Conformance

JEA

21 W Church St # 8

Jacksonville FL 32202-3155

9046655653

**JEA Kennedy Generating Station**

**(FL0001023)**

**Facility Type:** Industrial Wastewater Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** An organization that is an  
identified part of

a Florida authority entity.

**Exp. Date:** 5/27/2009

**Facility Address:**

4215 TALLEYRAND AVE

JACKSONVILLE, DUVAL, FL

Managed By:

Brad L Russell, PMTE

JEA

21 W Church St # T-8

Jacksonville FL 32202-3155

9046656248

**JEA Mandarin WRF (FL0023493)**

**Facility Type:** Domestic WWTP Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Unknown ownership.

**Exp. Date:** 6/3/2007

**Facility Address:**

10828 HAMPTON RD

JACKSONVILLE, DUVAL, FL

Managed By:

Paul K Steinbrecher, Director, Permitting &  
Regulatory Conformance

JEA

21 W Church St # 8

Jacksonville FL 32202-3155

9046655653

**JEA Monterey WWTF (FL0023604)**

**Facility Type:** Domestic WWTP Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Unknown ownership.

**Exp. Date:** 6/11/2007

**Facility Address:**

5802 HARRIS AVE

JACKSONVILLE, DUVAL, FL

Managed By:

Paul K Steinbrecher, Director, Permitting &  
Regulatory Conformance

JEA

21 W Church St # 8

Jacksonville FL 32202-3155

9046655653

**JEA Northside Units 1 2 3 (FL0001031)**

**Facility Type:** Industrial Wastewater Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** An organization that is an  
identified part of

a Florida authority entity.

**Exp. Date:** 10/25/2010

**Facility Address:**

4377 HECKSCHER DR

JACKSONVILLE, DUVAL, FL

Managed By:

Paul K Steinbrecher, Director, Permitting &  
Regulatory Conformance

JEA

21 W Church St # 8

Jacksonville FL 32202-3155

9046655653

**JEA Royal Lakes WWTF (FL0026751)**

**Facility Type:** Domestic WWTP Status: A

**DEP Office:** NED

**NPDES:** Y

**Ownership Type:** Unknown ownership.

**Exp. Date:** 4/4/2005

**Facility Address:**

5509 WESTERN WAY

JACKSONVILLE, DUVAL, FL

Managed By:

Paul K Steinbrecher, Director, Permitting &  
Regulatory Conformance

JEA

21 W Church St # 8

Jacksonville FL 32202-3155

9046655653

**JEA San Jose WWTF (FL0023663)****Facility Type:** Domestic WWTP Status: A**DEP Office:** NED**NPDES:** Y**Ownership Type:** Unknown ownership.**Exp. Date:** 1/8/2008**Facility Address:**

7128 BALBOA RD

JACKSONVILLE, DUVAL, FL

Managed By:

Paul K Steinbrecher, Director, Permitting &  
Regulatory Conformance

JEA

21 W Church St # 8

Jacksonville FL 32202-3155

9046655653

**JEA Southwest District WWTF (FL0026468)****Facility Type:** Domestic WWTP Status: A**DEP Office:** NED**NPDES:** Y**Ownership Type:** Unknown ownership.**Exp. Date:** 4/29/2008**Facility Address:**

5420 118TH ST

JACKSONVILLE, DUVAL, FL

Managed By:

Paul K Steinbrecher, Director, Permitting &  
Regulatory Conformance

JEA

21 W Church St # 8

Jacksonville FL 32202-3155

9046655653

**JEA Woodmere WWTF (FL0026786)****Facility Type:** Domestic WWTP Status: A**DEP Office:** NED**NPDES:** Y**Ownership Type:** Unknown ownership.**Exp. Date:** 4/11/2007**Facility Address:**

5710 EDENFIELD RD

JACKSONVILLE, DUVAL, FL

Managed By:

Paul K Steinbrecher, Director, Permitting &  
Regulatory Conformance

JEA

21 W Church St # 8

Jacksonville FL 32202-3155

9046655653

**Middleburg Bluffs WWTF (FL0113743)****Facility Type:** Domestic WWTP Status: A**DEP Office:** NED**NPDES:** Y**Ownership Type:** Any private, non-government  
organization.**Exp. Date:** 2/7/2011**Facility Address:**

IRIS STREET AND STATE ROAD 218

MIDDLEBURG, CLAY, FL

Managed By:

Karen J Seligman, President

Dimension One Management Inc

7865 Southside Blvd

Jacksonville FL 32256-0416

9046421759

**Millennium Speciality Chemicals (Fka Scm  
Glidco) (FL0000884)****Facility Type:** Industrial Wastewater Status: A**DEP Office:** NED**NPDES:** Y**Ownership Type:** Any private, non-government  
organization.**Exp. Date:** 7/13/2008**Facility Address:**

601 CRESTWOOD ST

JACKSONVILLE, DUVAL, FL

Managed By:

Michael Tipping, Environmental Manager

Millennium Speciality Chemicals

PO Box 389

Jacksonville FL 32201-0389

9049242773

**Miller Street WWTF (FL0025151)****Facility Type:** Domestic WWTP Status: A**DEP Office:** NED**NPDES:** Y**Ownership Type:** Unknown ownership.**Exp. Date:** 9/26/2007**Facility Address:**

1601 BARTLETT AVE

ORANGE PARK, CLAY, FL

Managed By:

Ray O Avery, Executive Director

Clay County Utility Authority

3176 Old Jennings Rd

Middleburg FL 32068-3907

9042725999

**Neptune Beach WWTF (FL0020427)****Facility Type:** Domestic WWTP Status: A**DEP Office:** NED**NPDES:** Y**Ownership Type:** An organization that is an identified part of a Florida city government entity.**Exp. Date:** 2/10/2007**Facility Address:**

2010 FOREST AVE

NEPTUNE BEACH, DUVAL, FL

Managed By:

Leon R Smith, RPOFL

City of Neptune Beach

2010 Forest Avenue

Neptune Beach FL 32266-6140

**Orange Park WWTF (FL0023922)****Facility Type:** Domestic WWTP Status: A**DEP Office:** NED**NPDES:** Y**Ownership Type:** Unknown ownership.**Exp. Date:** 6/12/2006**Facility Address:**

700 ASH ST

ORANGE PARK, CLAY, FL

Managed By:

John W Bowles, Town Manager

Orange Park, Town of

700 Ash St

Orange Park FL 32073-2910

9042647411

**Palatka WWTF (FL0040061)****Facility Type:** Domestic WWTP Status: A**DEP Office:** NED**NPDES:** Y**Ownership Type:** Unknown ownership.**Exp. Date:** 7/7/2009**Facility Address:**

ROUTE 3, BOX 129

PALATKA, PUTNAM, FL

Managed By:

Allen R Bush, City Manager

City of Palatka (North 2nd St.)

201 N 2nd St

Palatka FL 32177-3735

3863290100

**Paradise Point WWTF (FL0043176)****Facility Type:** Domestic WWTP Status: A**DEP Office:** NED**NPDES:** Y**Ownership Type:** Unknown ownership.**Exp. Date:** 3/30/2008**Facility Address:**

341 PARADISE POINT RD

SATSUMA, PUTNAM, FL

Managed By:

Robert E Merton, Director

Putnam County Public Works

PO Box 310

East Palatka FL 32131-0310

9043290346

**Port Buena Vista WWTF (FL0042617)****Facility Type:** Domestic WWTP Status: A**DEP Office:** NED**NPDES:** Y**Ownership Type:** Unknown ownership.**Exp. Date:** 11/19/2007**Facility Address:**

121 MARGARITA RD

EAST PALATKA, PUTNAM, FL

Managed By:

Robert E Merton, Director

Putnam Co. Dept. of Public Works

223 Putnam County Blvd

East Palatka FL 32131-6154

3863290346

**Ridaught Landing WWTF (FL0039721)****Facility Type:** Domestic WWTP Status: A**DEP Office:** NED**NPDES:** Y**Ownership Type:** Unknown ownership.**Exp. Date:** 1/6/2007**Facility Address:**

2878-1 TUSCARORA TRAIL

MIDDLEBURG, CLAY, FL

Managed By:

Ray O Avery, Executive Director

Clay County Utility Authority

3176 Old Jennings Rd

Middleburg FL 32068-3907

9042725999

**Rinker Materials - North St Augustine Facility (FLG110334)**

**Facility Type:** Concrete Batch GP Status: A  
**DEP Office:** NED  
**NPDES:** Y  
**Ownership Type:** Any private, non-government organization.  
**Exp. Date:** 6/15/2011  
**Facility Address:**  
125 INTERNATIONAL GOLF PKWY LOT I  
ST AUGUSTINE, ST. JOHNS, FL  
Managed By:  
Patrick J Fagan, Vice President  
Rinker Materials of Florida Inc  
PO Box 24635  
West Palm Beach FL 33416-4635  
5618335555 PFAGAN@RINKER.COM

**Riverside Plaza (FL0039691)**

**Facility Type:** Industrial Wastewater Status: A  
**DEP Office:** NED  
**NPDES:** Y  
**Ownership Type:** Unknown ownership.  
**Exp. Date:** 5/10/2011  
**Facility Address:**  
111 RIVERSIDE AVE  
JACKSONVILLE, DUVAL, FL  
Managed By:  
Jack Morgan, RPOFL  
The Haskell Company  
111 Riverside Ave  
Jacksonville FL 32202-4921

**Seminole Electric Coop WWTF (FL0036498)**

**Facility Type:** Industrial Wastewater Status: A  
**DEP Office:** NED  
**NPDES:** Y  
**Ownership Type:** Any private, non-government organization.  
**Exp. Date:** 12/21/2011  
**Facility Address:**  
890 N HIGHWAY 17  
PALATKA, PUTNAM, FL  
Managed By:  
Michael Opalinski, Director Environmental Affairs  
Seminole Electric  
PO Box 272000  
Tampa FL 33688-2000

**Spencer WWTF (FL0173371)**

**Facility Type:** Domestic WWTP Status: A  
**DEP Office:** NED  
**NPDES:** Y  
**Ownership Type:** Unknown ownership.  
**Exp. Date:** 2/23/2008  
**Facility Address:**  
4145-1 SAVANNAH GLEN DRIVE  
ORANGE PARK, CLAY, FL  
Managed By:  
Ray O Avery, Executive Director  
Clay County Utility Authority  
3176 Old Jennings Rd  
Middleburg FL 32068-3907  
9042725999

**State Road 16 WWTF (FL0043109)**

**Facility Type:** Domestic WWTP Status: A  
**DEP Office:** NED  
**NPDES:** Y  
**Ownership Type:** Unknown ownership.  
**Exp. Date:** 4/11/2010  
**Facility Address:**  
3000 INDUSTRY CENTER RD  
SAINT AUGUSTINE, ST. JOHNS, FL  
Managed By:  
Ram S Shinkre, Engineer  
St Johns County Utility Dept  
PO Box 3006  
Saint Augustine FL 32085-3006  
9044712161

**State Road 207 WWTF (FL0117471)**

**Facility Type:** Domestic WWTP Status: A  
**DEP Office:** NED  
**NPDES:** Y  
**Ownership Type:** An organization that is an identified part of a Florida county government entity  
**Exp. Date:** 2/7/2007  
**Facility Address:**  
4428 GOLF RIDGE DR  
ELKTON, ST. JOHNS, FL  
Managed By:  
Ram S Shinkre, Engineer  
St. Johns County Utility Department  
P. O. Drawer 3006  
St Augustine FL 32085

**Stone Container Corporation (FL0000400)**  
**Facility Type:** Industrial Wastewater Status: A  
**DEP Office:** NED  
**NPDES:** Y  
**Ownership Type:** Unknown ownership.  
**Exp. Date:** 7/20/2004  
**Facility Address:**  
9469 EASTPORT RD  
JACKSONVILLE, DUVAL, FL  
Managed By:  
D C Brooks, General Manager  
Stone Container Corporation  
PO Box 26998  
Jacksonville FL 32226-6998

**Tarmac - St. Augustine Facility (FLG110563)**  
**Facility Type:** Concrete Batch GP Status: A  
**DEP Office:** NED  
**NPDES:** Y  
**Ownership Type:** Any private, non-government organization.  
**Exp. Date:** 10/26/2008  
**Facility Address:**  
ST. JOHNS COUNTY  
ST. AUGUSTINE, ST. JOHNS, FL  
Managed By:  
Scott Quaas, Environmental Manager  
Tarmac America, Inc.  
455 Fairway Dr  
Deerfield Beach FL 33441-1809  
9544254165

**Town Of Penney Farms WWTF (FL0032557)**  
**Facility Type:** Domestic WWTP Status: A  
**DEP Office:** NED  
**NPDES:** Y  
**Ownership Type:** Unknown ownership.  
**Exp. Date:** 6/10/2007  
**Facility Address:**  
NE CORNER OF MORTON DRIVE & CLARK  
PENNEY FARMS, CLAY, FL  
Managed By:  
Martina Kohler, City Manager  
Town of Penney Farms  
PO Box 1041  
Penney Farms FL 32079-1014  
9045299078

**Trinity Materials Plant #2 (Fka S W Materials, Inc Clear Hal (FLG110160)**  
**Facility Type:** Concrete Batch GP Status: A  
**DEP Office:** NED  
**NPDES:** Y  
**Ownership Type:** Any private, non-government organization.  
**Exp. Date:** 2/28/2009  
**Facility Address:**  
1219 CLEAR HALL LN  
GREEN COVE SPRINGS, CLAY, FL  
Managed By:  
Jack Stegall, Owner  
S & W Materials Inc  
PO Box 77088  
Jacksonville FL 32226-7088  
9047147070

**USN Mayport Naval Station WWTF (FL0000922)**  
**Facility Type:** Domestic WWTP Status: A  
**DEP Office:** NED  
**NPDES:** Y  
**Ownership Type:** An organization that is an identified part of a US federal government entity.  
**Exp. Date:** 7/17/2006  
**Facility Address:**  
8808 SOMERS RD S  
JACKSONVILLE, DUVAL, FL  
Managed By:  
Stephen C Duba, Commanding Officer  
Navy Public Works Center Jacksonville  
PO Box 30  
Jacksonville FL 32212-0030  
9045425132

**USN NAS Jacksonville WWTF (FL0000957)**  
**Facility Type:** Domestic WWTP Status: A  
**DEP Office:** NED  
**NPDES:** Y  
**Ownership Type:** An organization that is an identified part of a US federal government entity.  
**Exp. Date:** 12/15/2007  
**Facility Address:**  
NAVAL AIR STATION BUILDING 826  
JACKSONVILLE, DUVAL, FL  
Managed By:  
Diane Shider, Environmental Director  
Navy Public Works Center Jacksonville  
P.O. Box 30  
Jacksonville FL 32212-0030