

RESOLUTION NO. 2011-200

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, APPROVING THE TERMS, PROVISIONS, CONDITIONS, AND REQUIREMENTS OF A COST SHARE AGREEMENT BETWEEN ST. JOHNS COUNTY, FLORIDA, AND THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT, FOR THE WATER CONSERVATION COST SHARE PROGRAM FOR A WATER CONSERVATION INITIATIVE, AND AUTHORIZING THE CHAIRMAN OF THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA TO EXECUTE THE AGREEMENT ON BEHALF OF ST. JOHNS COUNTY

WHEREAS, the waters of the state of Florida are among its basic resources and it has been declared to be the policy of the Legislature to promote the conservation, development, and proper utilization of surface and ground water; and

WHEREAS, the District has determined that providing cost-share funding to Recipient for the purposes provided for herein will benefit the management of the water resources; and

WHEREAS, the parties have agreed to jointly fund the following project to benefit the water resources in accordance with the funding formula further described in the Statement of Work, Attachment A (hereafter "the Project"). The St. Johns County Utility Department shall develop water savings goals that can be implemented, measured, reported, and modified to help reduce potable water demands. The range of project activities includes: integrating system elements to a central repository, linking and tracking of integrated data components, establishing targeted activities for achieving water savings, developing a reporting and tracking tool to communicate with customers on work progress and education. Usage shall be monitored in accordance with the Statement of Work.

WHEREAS, the Cost Share Agreement between the County, and the District establishes the rights, duties, and responsibilities of both the County and the District with respect to conducting the Scope of Work noted in the Agreement; and

WHEREAS, the County has reviewed the terms, provisions, conditions, and requirements of the Cost Share Agreement (attached hereto, and incorporated herein); and

WHEREAS, the County has determined that accepting the terms of the Cost Share Agreement, and entering into said Agreement will serve the interests of the County.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AS FOLLOWS:

Section 1. The above Recitals are hereby incorporated into the body of this Resolution, and are adopted as Findings of Fact.

Section 2. The Board of County Commissioners hereby approves the terms, provisions, conditions, and requirements of a Cost Share Agreement between St. Johns County, Florida, and the St. Johns River Water Management District, and authorizes the Chairman of the Board of County Commissioners of St. Johns County, Florida to execute the Cost Share Agreement on behalf of St. Johns County.

Section 3. To the extent that there are typographical and/or administrative errors that do not change the tone, tenor, or concept of this Resolution, then this Resolution may be revised without subsequent approval by the Board of County Commissioners.

PASSED AND ADOPTED by the Board of County Commissioners of St. Johns County, Florida, this 19th day of July, 2011.

BOARD OF COUNTY COMMISSIONERS OF
ST. JOHNS COUNTY, FLORIDA

Attest:

Pam Hatterman
Deputy Clerk

By:

Joseph "Ken" Bryan, Chair

RENDITION DATE 7/21/11



**WATER CONSERVATION COST-SHARE AGREEMENT
BY AND BETWEEN THE
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
AND ST. JOHNS COUNTY UTILITY DEPARTMENT**

THIS AGREEMENT is entered into by and between the GOVERNING BOARD of the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT ("the District"), whose address is 4049 Reid Street, Palatka, Florida 32177, and ST. JOHNS COUNTY UTILITY DEPARTMENT, whose address is 1205 SR 16, Box 3006, St. Augustine, Florida 32085 ("Recipient"). All references to the parties hereto include the parties, their officers, employees, agents, successors, and assigns.

WHEREAS, the waters of the state of Florida are among its basic resources, and it has been declared to be the policy of the Legislature to promote the conservation, development, and proper utilization of surface and ground water; and

WHEREAS, pursuant to chapter 373, Fla. Stat., the District is responsible for the management of the water resources within its geographical area; and

WHEREAS, the District has determined that providing cost-share funding to Recipient for the purposes provided for herein will benefit the management of the water resources; and

WHEREAS, the parties have agreed to jointly fund the following project to benefit the water resources in accordance with the funding formula further described in the Statement of Work, Attachment A (hereafter "the Project"). The St. Johns County Utility Department shall develop water savings goals that can be implemented, measured, reported, and modified to help reduce potable water demands. The range of project activities includes: integrating system elements to a central repository, linking and tracking of integrated data components, establishing targeted activities for achieving water savings, developing a reporting and tracking tool to communicate with customers on work progress and education. Usage shall be monitored in accordance with the Statement of Work.

NOW, THEREFORE, in consideration of the aforesaid premises, and the funding assistance hereinafter specified, Recipient agrees to perform and complete the activities provided for in the Statement of Work, Attachment A. Recipient shall complete the Project in conformity with the contract documents and all attachments and other items incorporated by reference herein. This Agreement consists of all of the following documents: (1) Agreement, (2) Attachment A- Statement of Work, (3) Application, and (4) all attachments, if any. The parties hereby agree to the following terms and conditions.

1. TERM; WITHDRAWAL OF OFFER.

- (a) The term of this Agreement is from the date upon which the last party has dated and executed the same ("Effective Date") until September 30, 2015 ("Completion Date"). Recipient shall not commence the Project until any required submittals are received and approved. Recipient shall commence performance within fifteen (15) days after the Effective Date and shall complete performance in accordance with the time for completion stated in the Statement of Work. Time is of the essence for every aspect of this Agreement, including any time extensions. All provisions of this Agreement that by their nature extend beyond the Completion Date shall survive the termination or expiration of this Agreement.
- (b) This Agreement constitutes an offer until authorized, signed and returned to the District by Recipient. This offer terminates sixty (60) days after receipt by Recipient.

2. **DELIVERABLES.** Recipient shall fully implement the Project, as described in the Statement of Work, Attachment A. Recipient is responsible for the professional quality, technical accuracy, and timely completion of the Project. Both workmanship and materials shall be of good quality. Unless otherwise specifically provided for herein, Recipient shall provide and pay for all materials, labor, and other facilities and equipment necessary to complete the Project. The District's Project Manager shall make a final acceptance inspection of the Project when completed and finished in all respects. Upon satisfactory completion of the Project, the District will provide Recipient a written statement indicating that the Project has been completed in accordance with this Agreement. Acceptance of the final payment by Recipient shall constitute a release in full of all claims against the District arising from or by reason of this Agreement.
3. **OWNERSHIP OF DELIVERABLES.** Unless otherwise provided herein, the District does not assert an ownership interest in any of the deliverables under this Agreement.
4. **AMOUNT OF FUNDING.**
 - (a) For satisfactory completion of the Project, the District agrees to provide cost-sharing up to an amount not to exceed \$50,000. The District cost-share is not subject to modification based upon price escalation in implementing the Project during the term of this Agreement. Recipient shall be responsible for payment of all costs necessary to ensure completion of the Project. Recipient shall notify the District's Project Manager in writing upon receipt of any additional external funding for the Project not disclosed prior to execution of this Agreement.
 - (b) Recipient agrees to provide \$60,332 in the form of matching funds, in-kind services, or both, for this project. If Project costs exceed the estimated Project cost so as to reach the not-to-exceed amount of the District cost-share, then Recipient shall provide any additional funding required to complete the Project. If the Project is cancelled by Recipient prior to completion, Recipient shall reimburse the District all funds received from the District pursuant to this Agreement. Recipient's in-kind labor services (i.e. labor from Recipient) will be calculated based upon the base salary times a 1.5 fixed multiplier.
5. **PAYMENT OF INVOICES.**
 - (a) Recipient shall submit quarterly itemized invoices by one of the following two methods: (1) by mail to the St. Johns River Water Management District, Director, Division of Financial Management, 4049 Reid Street, Palatka, Florida 32177, or (2) by e-mail to acctpay@sjrwm.com. The invoice shall be submitted in detail sufficient for proper pre-audit and post-audit review. Recipient shall be reimbursed for fifty percent (50%) of approved costs until the not-to-exceed amount of the District's cost-share has been expended. If necessary for audit purposes, Recipient shall provide additional supporting information as required to document invoices.
 - (b) **End of District Fiscal Year Reporting.** The District's fiscal year ends on September 30. Irrespective of the invoicing frequency, the District is required to account for all encumbered funds at that time. When authorized under the Agreement, submittal of an invoice as of September 30 satisfies this requirement. The invoice shall be submitted no later than October 30. If the Agreement does not authorize submittal of an invoice as of September 30, Recipient shall submit, prior to October 30, a description of the additional

work on the Project completed between the last invoice and September 30, and an estimate of the additional amount due as of September 30 for such Work. If there have been no prior invoices, Recipient shall submit a description of the work completed on the Project through September 30 and a statement estimating the dollar value of that work as of September 30.

- (c) **Final Invoice.** The final invoice must be submitted no later than forty-five (45) days after the Completion Date; provided, however, that when the Completion Date corresponds with the end of the District's fiscal year (September 30), the final invoice must be submitted no later than thirty (30) days after the Completion Date. **Final invoices that are submitted after the requisite date shall be subject to a penalty of ten (10) percent of the invoice. This penalty may be waived by the District, in its sole judgment and discretion, upon a showing of special circumstances that prevent the timely submittal of the final invoice. Recipient must request approval for delayed submittal of the final invoice not later than ten (10) days prior to the due date and state the basis for the delay.**
 - (d) All invoices shall include the following information: (1) District contract number; (2) District encumbrance number; (3) Recipient's name and address (include remit address, if necessary); (4) Recipient's invoice number and date of invoice; (5) District Project Manager; (6) Recipient's Project Manager; (7) supporting documentation as to cost and/or Project completion (as per the cost schedule and other requirements of the Statement of Work; (8) Progress Report (if required), and (9) Diversity Report (if otherwise required herein). Invoices that do not correspond with this paragraph shall be returned without action within twenty (20) business days of receipt, stating the basis for rejection. Payments shall be made within forty-five (45) days of receipt of an approved invoice.
 - (e) **Travel expenses.** If the cost schedule for this Agreement includes a line item for travel expenses, travel expenses shall be drawn from the project budget and are not otherwise compensable. If travel expenses are not included in the cost schedule, they are a cost of providing the service that is borne by Recipient and are only compensable when specifically approved by the District as an authorized District traveler. In such instance, travel expenses must be submitted on District or State of Florida travel forms and shall be paid pursuant to District Administrative Directive 2000-02.
 - (f) **Payments withheld.** The District may withhold or, on account of subsequently discovered evidence, nullify, in whole or in part, any payment to such an extent as may be necessary to protect the District from loss as a result of: (1) defective work not remedied; (2) failure to maintain adequate progress in the Project, or (3) any other material breach of this Agreement. Amounts withheld shall not be considered due and shall not be paid until the ground(s) for withholding payment have been remedied.
6. **LIABILITY AND INSURANCE.** Each party is responsible for all personal injury and property damage attributable to the negligent acts or omissions of that party, its officers, employees and agents. Nothing contained herein shall be construed or interpreted as denying to any party any remedy or defense available under the laws of the state of Florida, nor as a waiver of sovereign immunity of the state of Florida beyond the waiver provided for in section 768.28, Fla. Stat., as amended. Each party shall acquire and maintain throughout the term of this Agreement such liability, workers' compensation, and automobile insurance as required by their current rules and regulations.

7. **FUNDING CONTINGENCY.** This Agreement is contingent upon funding availability, which may include a single source or multiple sources, including, but not limited to: (1) ad valorem tax revenues appropriated by the District's Governing Board; (2) annual appropriations by the Florida Legislature, or (3) appropriations from other agencies or funding sources. Agreements that extend for a period of more than one Fiscal Year are subject to annual appropriation of funds at the sole discretion and judgment of the District's Governing Board for each succeeding Fiscal Year. Should the Project not be funded, in whole or in part, in succeeding Fiscal Years, the District shall so notify Recipient and this Agreement shall be deemed terminated for convenience five (5) days after receipt of such notice, or within such additional time as the District may allow. For the purpose of this Agreement, "Fiscal Year" is defined as the period beginning on October 1 and ending on September 30.

8. **PROJECT MANAGEMENT.**

(a) The Project Managers listed below shall be responsible for overall coordination and management of the Project. Either party may change its Project Manager upon three (3) business days prior written notice to the other party. Written notice of change of address shall be provided within five (5) business days. All notices shall be in writing to the Project Managers at the addresses below and shall be sent by one of the following methods: (1) hand delivery; (2) U.S. certified mail; (3) national overnight courier; (4) e-mail or, (5) fax. Notices via certified mail are deemed delivered upon receipt. Notices via overnight courier are deemed delivered one (1) business day after having been deposited with the courier. Notices via e-mail or fax are deemed delivered on the date transmitted and received.

DISTRICT

John Wester, Project Manager
St. Johns River Water Management District
4049 Reid Street
Palatka, Florida 32177
(386) 329-4457
E-mail: jwester@sjrwmd.com

RECIPIENT

Neil Shinkre, Project Manager
St. Johns County Utility Department
1205 SR 16, Box 3006
St. Augustine, FL 32085
(904) 209-2709
E-mail: nshinkre@co.st-johns.fl.us

(b) The District's Project Manager shall have sole responsibility for transmitting instructions, receiving information, and communicating District policies and decisions regarding all matters pertinent to performance of the Project, and may approve minor deviations in the Project that do not affect the District cost-share or Completion Date or otherwise significantly modify the terms of the Agreement.

9. **PROGRESS REPORTS AND PERFORMANCE MONITORING.**

(a) **Progress Reports.** Recipient shall provide to the District Project update/status reports as provided in the Statement of Work. Reports will provide detail on progress of the Project and outline any potential issues affecting completion or the overall schedule. Reports may be submitted in any form agreed to by District's Project Manager and Recipient, and may include emails, memos, and letters.

(b) **Performance Monitoring.** For as long as the Project is operational, the District shall have the right to inspect the operation of the Project during normal business hours upon reasonable prior notice. Recipient shall make available to the District any data that is requested pertaining to performance of the Project.

10. **FAILURE TO COMPLETE PROJECT.**

- (a) Should Recipient fail to complete the Project, Recipient shall refund to the District all of the funds provided to Recipient pursuant to this Agreement. However, the District, in its sole judgment and discretion, may determine that Recipient has failed to complete the Project due to circumstances that are beyond Recipient's control, or due to a good faith determination that the Project is no longer environmentally or economically feasible. In such event, the District may excuse Recipient from the obligation to return funds provided hereunder. If the Project has not been completed within thirty (30) days after the Completion Date, Recipient shall provide the District with notice regarding its intention as to completion of the Project. The parties shall discuss the status of the Project and may mutually agree to revise the Completion Date or the scope of the Project. Failure to complete the Project within ninety (90) days after the Completion Date shall be deemed to constitute failure to complete the Project for the purposes of this provision.
- (b) In the event the Project constitutes a portion of the total functional project, this paragraph shall apply in the event the total functional project is not completed. In such event, the ninety (90) day timeframe provided herein shall commence upon the date scheduled for completion of the total functional project at the time of execution of this Agreement, unless extended by mutual agreement of the parties.
- (c) This paragraph shall survive the termination or expiration of this Agreement.

11. **TERMINATION.**

- (a) **Termination for Default.** If Recipient materially fails to fulfill its obligations under this Agreement, including any specific milestones established herein, the District shall provide Recipient written notice of the deficiency by forwarding a Notice to Cure, citing the specific nature of the breach. Recipient shall have thirty (30) days to cure the breach. If Recipient fails to cure the breach within the thirty (30) day period, the District shall issue a Termination for Default Notice and this Agreement shall be terminated upon receipt of said notice. In such event, Recipient shall refund to the District all funds provided to Recipient pursuant to this Agreement within thirty (30) days of such termination. The District may also terminate this Agreement upon ten (10) days written notice in the event any of material misrepresentations in the Project Proposal.
- (b) **Termination for Convenience.** The District may terminate this Agreement at any time for convenience upon sixty (60) calendar days prior written notice to Recipient. Upon receipt of notice, Recipient shall place no further orders for materials, equipment, services, or facilities, for which reimbursement would otherwise be sought. Recipient shall also make every reasonable effort to cancel, upon terms satisfactory to the District, all orders or subcontracts related to the Project for which reimbursement would otherwise be sought. In the event of such termination, Recipient shall be compensated for all work performed pursuant to this Agreement prior to the effective date of termination.

ADDITIONAL PROVISIONS (Alphabetical)

12. **ASSIGNMENT.** Recipient shall not assign this Agreement, or any monies due hereunder, without the District's prior written consent. Recipient is solely responsible for fulfilling all work elements in any contracts awarded by Recipient and payment of all monies due. No provision of this Agreement shall create a contractual relationship between the District and any of Recipient's contractors or subcontractors.
13. **AUDIT; ACCESS TO RECORDS; REPAYMENT OF FUNDS.**
- (a) **Maintenance of Records.** Recipient shall maintain its books and records such that receipt and expenditure of the funds provided hereunder are shown separately from other expenditures in a format that can be easily reviewed. Recipient shall keep the records of receipts and expenditures, copies of all reports submitted to the District, and copies of all invoices and supporting documentation for at least three (3) years after expiration of this Agreement. In accordance with generally accepted governmental auditing standards, the District shall have access to and the right to examine any directly pertinent books and other records involving transactions related to this Agreement. In the event of an audit, Recipient shall maintain all required records until the audit is completed and all questions are resolved. Recipient will provide proper facilities for access to and inspection of all required records.
- (b) **Repayment of Funds.** District funding shall be subject to repayment after expiration of this Agreement if, upon audit examination, the District finds any of the following: (1) Recipient has spent funds for purposes other than as provided for herein; (2) Recipient has failed to perform a continuing obligation of this Agreement; (3) Recipient has received duplicate funds from the District for the same purpose, and/or (4) Recipient has received more than fifty (50%) contributions through cumulative public agency cost-share funding.
14. **CIVIL RIGHTS.** Pursuant to chapter 760, Fla. Stat., Recipient shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin, age, handicap, or marital status.
15. **DISPUTE RESOLUTION.** Recipient is under a duty to seek clarification and resolution of any issue, discrepancy, or dispute involving performance of this Agreement by submitting a written statement to the District's Project Manager no later than ten (10) business days after the precipitating event. If not resolved by the Project Manager, the Project Manager shall forward the request to the District's Office of General Counsel, which shall issue a written decision within ten (10) business days of receipt. This determination shall constitute final action of the District and shall then be subject to judicial review upon completion of the Project.
16. **DIVERSITY REPORTING.** The District is committed to the opportunity for diversity in the performance of all cost-sharing agreements, and encourages Recipient to make a good faith effort to ensure that women and minority-owned business enterprises (W/MBE) are given the opportunity for maximum participation as contractors. The District will assist Recipient by sharing information on W/MBEs. Recipient shall provide with each invoice a report describing: (1) the company names for all W/MBEs; (2) the type of minority, and (3) the amounts spent with each during the invoicing period. The report will also denote if there were no W/MBE expenditures.

17. **GOVERNING LAW, VENUE, ATTORNEY'S FEES, WAIVER OF RIGHT TO JURY TRIAL.** This Agreement shall be construed according to the laws of Florida and shall not be construed more strictly against one party than against the other because it may have been drafted by one of the parties. As used herein, "shall" is always mandatory. In the event of any legal proceedings arising from or related to this Agreement: (1) venue for any state or federal legal proceedings shall be in Duval County; (2) each party shall bear its own attorney's fees, including appeals, and (3) for civil proceedings, the parties hereby consent to trial by the court and waive the right to jury trial.
18. **INDEPENDENT ENTITIES.** The parties to this Agreement, their employees and agents, are independent entities and not employees or agents of each other. Nothing in this Agreement shall be interpreted to establish any relationship other than that of independent entities during and after the term of this Agreement. Recipient is not a contractor of the District. The District is providing cost-share funding as a cooperating governmental entity to assist Recipient in accomplishing the Project. Recipient is solely responsible for accomplishing the Project and directs the means and methods by which the Project is accomplished. Recipient is solely responsible for compliance with all labor and tax laws pertaining to Recipient, its officers, agents, and employees.
19. **INTEREST OF RECIPIENT.** Recipient certifies that no officer, agent, or employee of the District has any material interest, as defined in chapter 112, Fla. Stat., either directly or indirectly, in the business of Recipient to be conducted hereby, and that no such person shall have any such interest at any time during the term of this Agreement.
20. **NON-LOBBYING.** Pursuant to section 216.347, Fla. Stat., as amended, Recipient agrees that funds received from the District under this Agreement shall not be used for the purpose of lobbying the Legislature or any other state agency.
21. **PERMITS.** Recipient shall comply with all applicable federal, state and local laws and regulations in implementing the Project and shall include this requirement in all subcontracts pertaining to the Project. Recipient shall obtain any and all governmental permits necessary to implement the Project. Any activities not properly permitted prior to implementation or completed without proper permits does not comply with this Agreement and shall not be approved for cost-share funding.
22. **PUBLIC RECORDS.** Records of Recipient that are made or received in the course of performance of the Project may be public records that are subject to the requirements of chapter 119, Fla. Stat. If Recipient receives a public records request, Recipient shall promptly notify the District's Project Manager. Each party reserves the right to cancel this Agreement for refusal by the other party to allow public access to all documents, papers, letters, or other material related hereto and subject to the provisions of chapter 119, Fla. Stat., as amended.
23. **ROYALTIES AND PATENTS.** Recipient certifies that the Project does not, to the best of its information and belief, infringe on any patent rights. Recipient shall pay all royalties and patent and license fees necessary for performance of the Project and shall defend all suits or claims for infringement of any patent rights and save and hold the District harmless from loss to the extent allowed by Florida law.
24. **WATER CONSERVATION.**
 - (a) **Water Conserving Rate Structure.** A Recipient receiving funding through this Agreement that operates a public water supply utility must develop a rate structure for water

customers in its service area that will: (1) promote the conservation of water, and (2) promote the use of water from available alternative water supplies. Recipient, if operating a public water supply utility, acknowledges that it either has a water conserving rate structure in effect or will implement a water conserving rate structure within nine (9) months after the Effective Date. Failure to comply with this paragraph constitutes a material breach that shall constitute a failure to complete the Project.

- (b) **Landscape Irrigation.** Within one hundred eighty (180) days of the effective date of this Agreement, Recipient shall enact a landscape irrigation ordinance that fully implements the landscape irrigation provisions in District Rule 40C-2.042(2), Florida Administrative Code, including adequate enforcement mechanisms, and that does not in any other manner regulate the consumptive use of water. Within two hundred seventy (270) days of the effective date of this Agreement, Recipient shall rescind any other ordinance provision that regulates or purports to regulate the consumptive use of water. The District may extend the applicable time periods upon a showing of good cause, which determination shall be made by the District in its sole discretion and judgment. In order to ensure that Recipient meets the requirements of this paragraph, Recipient shall submit the draft ordinance to the District's Project Manager for the District's review not less than thirty (30) days prior to the first reading of the ordinance, with a copy to the District's Governmental Affairs Manager, Office of Communications and Governmental Affairs, 4049 Reid Street, Palatka, FL 32177-2529. Failure to comply with this provision shall constitute a material breach of this Agreement.

IN WITNESS WHEREOF, the St. Johns River Water Management District has caused this Agreement to be executed on the day and year written below in its name by its Executive Director, and Recipient has caused this Agreement to be executed on the day and year written below in its name by its duly authorized representatives, and, if appropriate, has caused the seal of the corporation to be attached. This Agreement may be executed in separate counterparts, which shall not affect its validity. Upon execution, this Agreement constitutes the entire agreement of the parties, notwithstanding any stipulations, representations, agreements, or promises, oral or otherwise, not printed or inserted herein. This Agreement cannot be changed by any means other than written amendments referencing this Agreement and signed by all parties.

ST. JOHNS RIVER WATER
MANAGEMENT DISTRICT

ST. JOHNS COUNTY UTILITY DEPARTMENT

By: _____
Kirby B. Green III, Executive Director

By: _____

Date: _____

Typed Name and Title
Date: _____

APPROVED BY THE OFFICE
OF GENERAL COUNSEL

Attest: _____

Stanley J. Niego, Sr. Assistant General Counsel

Typed Name and Title

ATTACHMENTS

Attachment A- Statement of Work
Attachment B - Application

Cost-share: Water conservation
Last updated: 2-25-10

**ATTACHMENT A – STATEMENT OF WORK
WATER CONSERVATION COST SHARE PROGRAM
ST JOHNS COUNTY UTILITY DEPARTMENT(RECIPIENT) WATER
CONSERVATION INITIATIVE**

I. INTRODUCTION/BACKGROUND

The St. Johns River Water Management District (District) created the Water Conservation and Demand Management Program (the Program) in FY2008-2009 as a cost share program to develop and implement innovative water conservation initiatives and to develop and analyze metrics to demonstrate the effectiveness of water conservation planned or implemented by the District. To be considered for funding under this program, applicants had to meet one of the following categories:

- Reliability and performance testing of new landscape irrigation technology
- Automated tracking of historical customer water use information
- Reliability and performance testing of new high-efficiency indoor fixtures
- Other

The Division of Water Use Regulation manages the Program to promote projects that will help demonstrate new concepts in the development and execution of water conservation activities. In the past, the District has promoted and helped implement a wide range of water conservation programs in agriculture, industry, education, and the environment. Today, there are many new methods and emerging technologies that offer significant savings, but these remain untested in actual field application and must therefore be field verified. A number of utilities have implemented or may soon implement a range of conservation alternatives, but lack the ability to monitor, collect, analyze, and report actual water savings. As a result, many potentially viable water conservation projects are being deferred or not pursued due to insufficient funding and/or meaningful incentives. This Program will assist in the efforts by funding these types of projects.

II. OBJECTIVES

The objective of this contract is to further enhance and integrate the existing customer information system (CIS), automated meter reading (AMR), and advanced metering infrastructure (AMI) systems in the St. Johns County Utility Department (Recipient). The creation of a structured query language database will serve as a central repository to complete the integration. As a result, development of water savings goals that can be implemented, measured, reported, and modified to help reduce potable water demands.

III. SCOPE OF WORK

Recipient shall establish a system for tracking, measuring, and reporting water savings from conservation. The range of project activities includes: integrating system elements to a central repository, linking and tracking of integrated data components, establishing targeted activities for achieving water savings, developing a reporting and tracking tool to communicate with customers on work progress and education.

IV. TASK IDENTIFICATION

The Recipient shall be responsible for the Tasks shown below and for all additional Tasks which are detailed in Attachment B, St. Johns County Utility Department's Water Conservation Initiative application and Supplemental Statement of Work dated April 2011.

- Obtaining all required permits, including right of access to the project site.
- Supervision and inspection of project.
- Establish linkage of system elements
- Develop water conservation goals and workflow
- Develop and deploy demand-side management reporting solution
- Develop a web-based water conservation viewer
- Timely submittal of invoices for actual construction costs per the cost share agreement (i.e. quarterly, with adequate substantiation) to enable District staff to review submitted costs for payment.
- Progress Reports to the District's Project Manager in a mutually agreed upon format, identifying project progress to date, overall project schedule versus time to project completion, key issues to be resolved, etc.
- Routinely deliver account level data in accordance with Section V, below.

V. TIME FRAMES AND DELIVERABLES

The Recipient shall commence work on this project within fifteen (15) calendar days after the effective date of the Agreement. All work shall be completed in accordance with Attachment B – Application – St. Johns County Utility Department's Water Conservation Initiative and Supplemental Statement of Work dated April 2011. The project shall be completed no later than September 30, 2015.

Recipient shall deliver a minimum of two (2) years of monthly account level water use data recorded prior to the implementation of this project and three (3) years of monthly account level water use data recorded after the implementation of this project for all affected connections. At a minimum, the water use data must include a consumption amount for the month in thousands of gallons and the consumption month. All data collected in association with work performed under this agreement shall be provided to the District's Project Manager in a digital format approved by the District's Project Manager. All analysis performed under this agreement shall be documented and provided to the District's Project Manager in a final summary report.

The required account level billing data must be joined with the county appraiser data available from the District. This can be coordinated with the District's Project Manager or performed by the utility. The data must be sorted by DOR code and descriptive statistics and Pareto analysis derived for each category based on DOR code, year built, and residential valuation per the Water Conservation estimate workflow. The data must be compared to District derived typical use and conservation savings benchmarks for each category of DOR code. The strategies and costs for development of water conservation savings in each category will be derived using the District costing spreadsheet and in close collaboration with the District.

VI. BUDGET/COST SCHEDULE

The estimated cost share budget for the entire term of this contract, ending September 30, 2015 shall not exceed \$50,000.

ATTACHMENT B
APPLICATION AND SUPPLEMENTAL STATEMENT OF WORK

Title of Project: St. Johns County Utilities Department Water Conservation Initiative

A. Applicant Type and Information

Indicate the type of project you are applying for:

Project types (Check one)

- Reliability and performance testing of new landscape irrigation technology**
- Automated tracking of historical consumption information**
- Reliability and performance testing of new high efficiency indoor fixtures**
- "Other" (new and innovative technology and practices)**

A-1 a) Name of applicant / Title Mr. Neal Shinkre / Utility Engineer

A-1 b) Applicant's Organization St. Johns County Utility Department

A-2 Name, address, e-mail address, and phone numbers of project manager or contact person.

(District will send correspondence concerning this application ONLY to this person)

Name/Title Mr. Neal Shinkre / Utility Engineer

E-mail address nshinkre@sjcfl.us

Mailing address P.O. Box 3006

City and zip code St. Augustine, 32085

Phone (904) 209-2709 **Fax** (904) 904.209.2710

A-3 Name, address, and phone numbers of persons with authority to enter into a contractual agreement, if other than project manager or contact person.

If same as 2 above, check box.

Name/Title _____

E-mail address _____

Mailing address _____

City and zip code _____

Phone _____ Fax _____

A-4 District permit information

Does the applicant have any District permits? Yes No

If yes, List All District Permits Held by the Applicant. Attach an additional page behind this page if needed.

Permit # _____ Expiration Date (mm/dd/yy) _____ Permit # _____ Expiration Date (mm/dd/yy) _____

A-5 Disclosure. Does any District employee, Governing Board member, contractor, or other affiliate of the applicant have a financial interest in this project, the property associated with this project, or with any party that may profit financially from this project? Yes No

If, yes, identify all such parties and describe their interests.

Jones Edmunds & Associates, Inc. - Contractor

B. Project Information

B-1 Cost-Sharing Request (District's share cannot exceed 50% of total project cost.)

- a. Total project cost.....\$ 380,119
- b. Total project cost per res/com. parcel (31,900 accounts).....\$12/account
- c. Amount of cost-share requested.....\$ 190,060

The County has requested cost share for another project under another category for a soil moisture study. The project described in this request should be considered as secondary to the soil moisture sensor study if the District must prioritize funding. However, if projects are segregated into categories and there is limited funding for reliability and performance testing of new landscape irrigation technology projects, then please consider this request independently. Additionally, many of the tasks in this proposal can be considered in part. For example it will be beneficial for the

County to perform Tasks 1-2, Tasks 1, 2, 5, & 8 or Tasks 1, 2, 5, 7 & 8. The County would appreciate the opportunity to discuss the portioning of this scope should it be necessary.

B-2 Purpose. Explain the purpose(s) of the project. (Do not refer to attachments.) Does the project demonstrate the reliability/performance of several types/brand names of equipment, under distinct geographic conditions? Use Appendices A-C as general guidelines.

The St. Johns County Utility Department provides water, reclaimed water, and wastewater services to the citizens of St. Johns County. The County recognizes that water conservation will be critical to achieving its goal of water resources protection and sustainability. The over-arching purpose of the project is to lay the foundation for automatically tracking, measuring and reporting water savings from conservation that could be used for extending the County's CUP into the future. Developing a better and more complete understanding of past, existing and future water conservation measures will help the County identify and target water savings. The County's previous investments into information systems, conservation, and advanced metering provide a unique opportunity to understand past, existing, and future water savings that have occurred, are occurring, and will occur in the future.

Project Goals

This water conservation initiative will build on the County's existing systems and develop water savings goals that can be implemented, measured, reported, and modified to help reduce potable water demands. Primary objectives include:

- Integrating several potential system elements to a central repository (GIS).
- Automating the linking and tracking of integrated data components.
- Analyzing water consumption data spatially and temporally to develop trends and thresholds that can be used by the County to identify water conservation potential target water activities towards achieving this potential.
- Analyzing the impacts of conservation rates on a recently acquired utility to justify and approximate water savings that have already occurred in the existing customer base from inclining block rates
- Analyzing customer behavior in a newly acquired utility system to understand the response of aggressive rate structures on the number of private wells being installed for irrigation purposes.
- Develop an understanding of unaccounted for water within all or portions of the distribution system using AMR/AMI data, SCADA and temporary flow meters.
- Developing workflows within the County's current water accounting system so that targeted water conservation activities are incorporated into the daily work order management system.
- Developing a reporting and tracking tool that the County can display on a website with which to communicate with customers for work progress and education.

The County recognizes the importance of tracking and monitoring the progress of these efforts to quantify water savings and costs and make decisions on program effectiveness. The County also

recognizes the importance of communications and education as part of implementing conservation and achieving long term water savings.

Project Benefits

The benefits of the proposed project to the District and St. Johns County are as follows:

- Billing records linked to geometric networks and land use codes will increase the District's understanding of water use and help develop benchmarks of comparison for establishing District-wide conservation goals.
- From the analyses, realistic water-savings goals will be developed and water-savings measures will be implemented and measured.
- Incorporating the results of the analysis into the County's work order management system will allow the County to integrate conservation-based work management to better plan, monitor, target, and take corrective actions to save water.
- The work management system will provide a repository for tracking costs and water savings that can be reported to the District.
- The analysis of the of the newly acquired utility provide a better understanding of the relationship between private irrigation well installations and conservation rates as well as strengthen the understanding of water savings that has already occurred within the existing utility system.
- A better understanding of allowable losses and unaccounted for water will be developed using AMR/AMI data and the linkage to spatial databases.
- The interactive web site will provide an example of how account level behavior can be displayed to educate the customers about conservation and allow the customers to monitor their own performance.

B-3 Project schedule with budget. Show a project scope. Also include goals with supporting task and budgets. (Listing dates, project milestones, key task and associated expenses as expected to be incurred over the proposed timeline.) Also, include benefit/cost ratios and other performance metrics/estimates for each project.

Introduction

The following sections in this introduction will provide a description of the County's existing utility billing, GIS, and CMMS implementations that are available for integration in order to provide a basis for tracking historical water consumption data. Subsequent sections will describe the various tasks required to develop an automated historical tracking process for customer consumption data.

Potential Integration Elements

Water Utility Billing System

The County currently uses the Cogsdale software solution to integrate core administrative processes at the utility including Financial Management, Customer Service, Purchasing and Payroll. This solution stores recorded consumption detail for each service location and manages its history of customers and infrastructure (i.e. the physical meter). Historic and current information can be

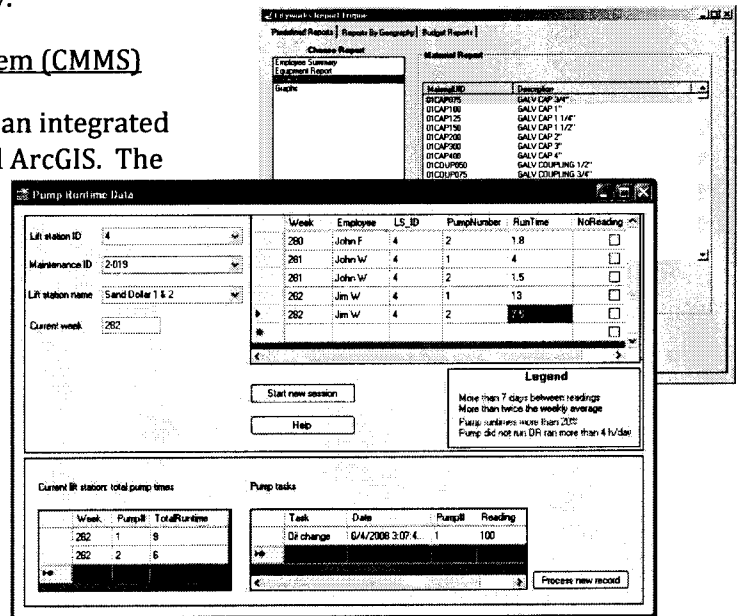
accessed for each customer. Additionally, the water consumption data is fed to Cogsdale from the AMR/AMI system and is rolled up as a monthly demand.

Geographic Information System

The County has in place an Enterprise GIS using ESRI's ArcGIS Server application suite. The utility currently uses their enterprise to host specialized solutions that streamline day-to-day work processes. However, there is not integration between their GIS and Cogsdale. Although the County can associate demand with a service point (for most of the service area), it is a manual labor-intensive effort that must be repeated monthly.

Computerized Maintenance Management System (CMMS)

For work order management, the County uses an integrated combination of Azteca Systems' Cityworks and ArcGIS. The CMMS is currently in use by SJCUD for lift station maintenance to generate reports and manage cyclical and threshold-based work and the detail associated with that work. SJCUD has committed to a phased approach to extend the solution to other groups within the utility responsible for the maintenance of lines and plants. Eventually, Cityworks will help manage all work efforts within the utility.



Automated Meter Reading (AMR) and Advanced Metering Infrastructure (AMI)

The utility recently implemented a Sensus Automatic Meter Reading (AMR) and Advanced Metering Infrastructure (AMI) system for their water distribution system. The conversion from the traditional analog metering system to AMR/AMI has been completed throughout the vast majority of the utility's original service area. SJCUD recently acquired two utilities in Ponte Vedra and additional conversion of services in this area has been planned but not completed. SJCUD is already realizing the benefits of moving to an AMR/AMI including a reduction in overall collection time, and more-reliable readings. The benefit of AMR/AMI within the scope of this application is that it provides accurate consumption data at the service endpoints, a useful component to understanding the utility's water budget and critical to profiling individual water use. Because the AMR/AMI logging is done in an SQL-based system, the recorded information may be shared with other relational databases. The utility has expressed an interest to integrate the AMR/AMI data into their existing GIS / CMMS solution in order to analyze the consumption history spatially and establish input information for consumption modeling and identifying and isolating unaccounted water loss. By associating the AMR data with a GIS, consumption may be analyzed against a host of spatial data. A spatial analysis of consumption and property information could be used to create and update cause and affect logic and trigger events for anomalies within the system such as spikes or outliers. The triggered event can be manifested in the form of notifications and requests or in some cases it may create a prioritized service request or work order.

Scope of Work

Task 1. Establish integration of system elements at the Utility

The first task will be to build on the existing database integration of several independent system elements identified above (Cogsdale CIS, ESRI GIS, Azteca CMMS, and Sensus AMR/AMI) . The utility's GIS will serve as the central repository of integration where we will build on the existing linkages between Cogsdale CIS and Sensus AMR/AMI and the linkages between ESRI GIS and Azteze CMMS. Manual procedures maintaining the linkage of the systems will be developed and documented. A primary underlying goal is to create and maintain a unique service point identifier (location ID) that the Sensus Meter Data Management Software, the GIS and Cogsdale all share. This will make it possible to geographically visualize, in near real-time, water consumption and customer information within the GIS environment.

Task 2. Refine linkage of billing records to GIS

The Cogsdale customer information system and GIS are not integrated. Additionally, Cogsdale is fed the rolled up monthly consumption data from the Sensus AMR/AMI Meter Data Management Software. For the existing utility service area (non-Ponte Vedra), there is a linkage or location ID shared by both Cogsdale and GIS. However, there is still significant challenges dealing with the many-to-one relationships, null or no data accounts (i.e. vacant houses), and the new accounts. For the recently acquired Ponte Vedra part of the service area, there is no linkage between the customer information and GIS. This task will identify and/or resolve the correct spatial locations of each customer so that the endpoint's information may be correctly associated with the utility subsystem and also define use profiles correctly. Once the customer information system (CIS) is successfully reconciled and linked to objects within the geographic information system (GIS), the effort will focus on auditing the County's system to determine trends in account level consumption. From this effort, a review of industry methods will be performed for calculating water loss, evaluating water savings potential, developing water savings goals, and comparing against existing and potential demand-side measures. This will also integrate and enhance the County's goal-based conservation program which is under development.

The County has already established a relational key between its account billing database and its property information (location ID). However, a thorough review of the two data sources and their related key should be conducted so that the integrity of the relationship is not lost during the resulting integration. Information gathered during the review will be used to develop a maintenance procedure or process that will routinely update the tabular contents of a centralized repository with data provided by both the property and billing sources.

Individual billing records for Ponte Vedra will be cleaned and formatted for migration to Cogsdale before being combined with property records. Once a one-to-one (or one-to-many) relationship is established between billing and property records, the information will be joined to create a unique data set containing the information for producing baseline statistics and the model's primary analysis table, all which can be integrated then with the CMMS. The effort of customer formatting will count towards the County's in kind services to the SJRWMD.

Task 3. Relationship of Incline Block Rate Structure to Conservation (Ponte Vedra)

With the linkage of Ponte Vedra accounts to GIS, the County will be able to quantify the spatial use of water within the service area. This information will be used in conjunction with an existing demand management study that the County is completing to identify additional water saving measures within the Ponte Vedra system. This task will also include an analysis of changes in customer water consumption that have occurred since the County acquired the system and implemented an inclining block rate structure. The analysis will look at changes minimum, average and peak month demands to understand the change in both indoor and outdoor water use. This information will be used in tandem with historic billing data from the County's existing customer base to understand the amount of water that has been saved over the County's entire service area as a result of two rate changes since 2000.

The next step in the analysis is to understand the relationship of private well installations that have occurred over the period of time that the County has owned the Ponte Vedra system. The District's well completion data will be applied to determine the private wells that have been installed in this area of the County. From this data, a volume of irrigation water that is no longer being supplied by the County will be estimated based on comparisons of pre and post County ownership of the Ponte Vedra utilities system.

Task 4. AMR/AMI Analysis of Unaccounted for Water

The recently installed Sensus AMR/AMI system provides the County the potential to understand both the demand side and the supply side of water distribution at a more refined temporal and spatial scale. While the majority of this project concentrates on the saving potential on the demand side, it will be critical for the County and all utilities within the District to understand the supply side. The task will use the AMR/AMI data and service histories of leakage and non-revenue water to complete a water audit of portions of the system during several scenarios – minimum day, average day, and maximum day. The audit will be consistent with the AWWA/IWA auditing methods and will categorize water losses. From the audit results and an analysis of spatial infrastructure data, portions of the system will be isolated for additional investigation by the County to focus on real losses within the system. If possible, temporary meters or leak detention devices will be installed at key locations to perform a water balance with the County's AMR/AMI data. In order to effectively perform this water audit task, the linkage of the customer information system, the GIS and the AMR/AMI must be complete in portions.

From this analysis, the County will be able to more accurately calculate the real water loss portion of the unaccounted for water. The results of this analysis will be compared with the results of the audits. The volume of potential savings and the cost to realize this savings on the supply side will be compared against the potential water savings from demand side programs.

Task 5. Developing Water Conservation Goals and Workflow Development

Understanding the County's complete water consumption profile will require establishing a solid foundation of data for analysis. Currently, it is desired to combine a utility's account-level consumption with property characteristics to establish classification systems that have proven to correlate closely with changes in water usage. The County is in the process of completing a Demand Management Plan that profiles water use. The effort will build on the demand management plan to develop water conservation goals. Triggers and thresholds will be developed to identify water conservation potential and targeted activities will be developed to achieving the water savings

potential. From this analysis, water conservation activities will be identified and ranked. Water savings goals will be developed for each of the highest ranking activities.

After the water saving goals have been established for the highest ranking activities, up to 5 workflows will be developed for linking the conservation activities with the County's current CMMS system (Cityworks). The framework for tracking and monitoring water savings activities will be a part of this task. This framework will be used to help develop the demand-side management application and the water conservation education tool in the following tasks.

A step-wise SQL-based solution will be developed for the purpose of on-demand updating of the baseline statistical data, model input, and model results when updated consumption data is available to the consumption tables in the central repository.

Task 6. Demand-side Management Reporting (via Cityworks CMMS)

Integration of the County's customer, Sensus AMR, and GIS databases into a CMMS (Cityworks) can best be handled by a SQL application. Development of this application will include triggers for consumption alerts based on statistical analyses, automation of service requests and/or work orders within the CMMS for outliers, and a notification processes. This reporting will track and report water conservation as a result of the various ongoing and future conservation efforts at St. Johns County Utilities.

Task 7. Water Conservation Analysis Console

The final phase of the project will be to develop a reporting and tracking tool that the County can display on a website for purposes of communicating progress and educating customers. To disseminate water-consumption data, the County will develop an ArcGIS Server web mapping application. This site will be available to the St. Johns County Utility Department staff at a minimum. It also has the potential to be served externally to the public. The GIS-based water use web-mapping service will provide basic mapping, pre-defined queries and analysis functions for the County's water-consumption data allowing for the determination of inefficient water users classified by land use type. Following are examples of the types of functionality this site could provide:

Classified maps (Figure 2):

- Absolute consumption per month (take into account the field 'Days_since_last_read' – we have numbers ranging from 2 to 114)
- Absolute cumulative consumption (trend analysis)
- Normalized by area consumption per month
- Normalized by area cumulative consumption (trend analysis)
- Seasonal consumption, annual consumption
- Absolute/normalized consumption by zone, type (residential/commercial/institutional, etc.)
- Consumption by cross-categories, if necessary (exemptions, etc.)
- Top water consumers across the County
- Outliers in each zone
- Statistical variations

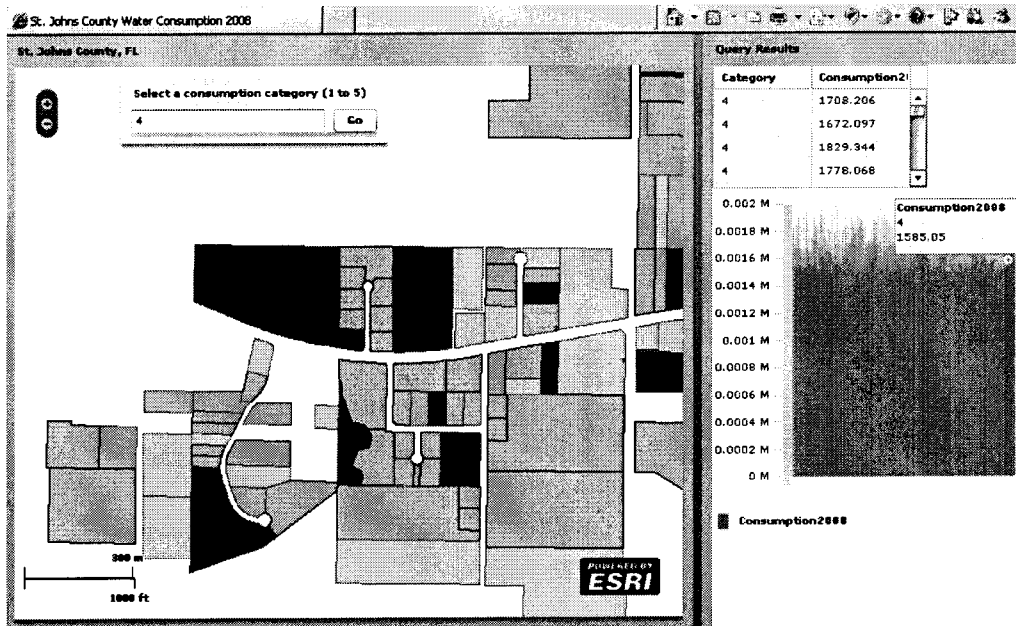


Figure 2. Classified Map Simplified Example

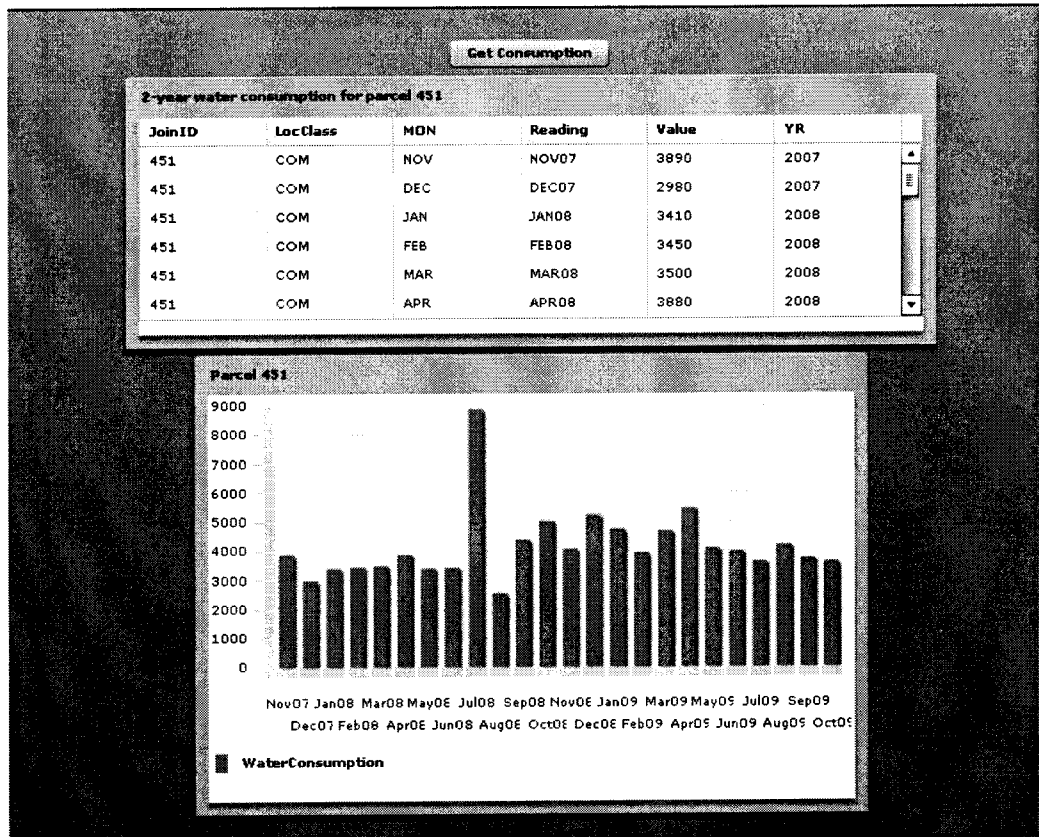
Maps for individual parcels:

- Comparison with adjacent parcels

Graphs (Figure 3):

- Consumption by month and possibly by zone
- Annual consumption
- Cumulative consumption
- Stats – min, max, average, median, outliers, changes after a special water policy has been enforced
- Comparison with other cities/counties/state/national average

Figure 3. Graph Simplified Example



Reports: Same as maps and graphs.

Task 8. Report Results

The County will report the results of the efforts in Tasks 1 through 6 within 12 months from the project initiation date. The report will document major findings of the analyses performed, present water-savings goals, detail implementation of conservation measures into the County's work order management system, and present the web interface console.

Project Budget:

It is important to note that this scope and associated fees can be executed in whole or in part. For example, it will be very beneficial to the County's water conservation tracking, monitoring and reporting to accomplish:

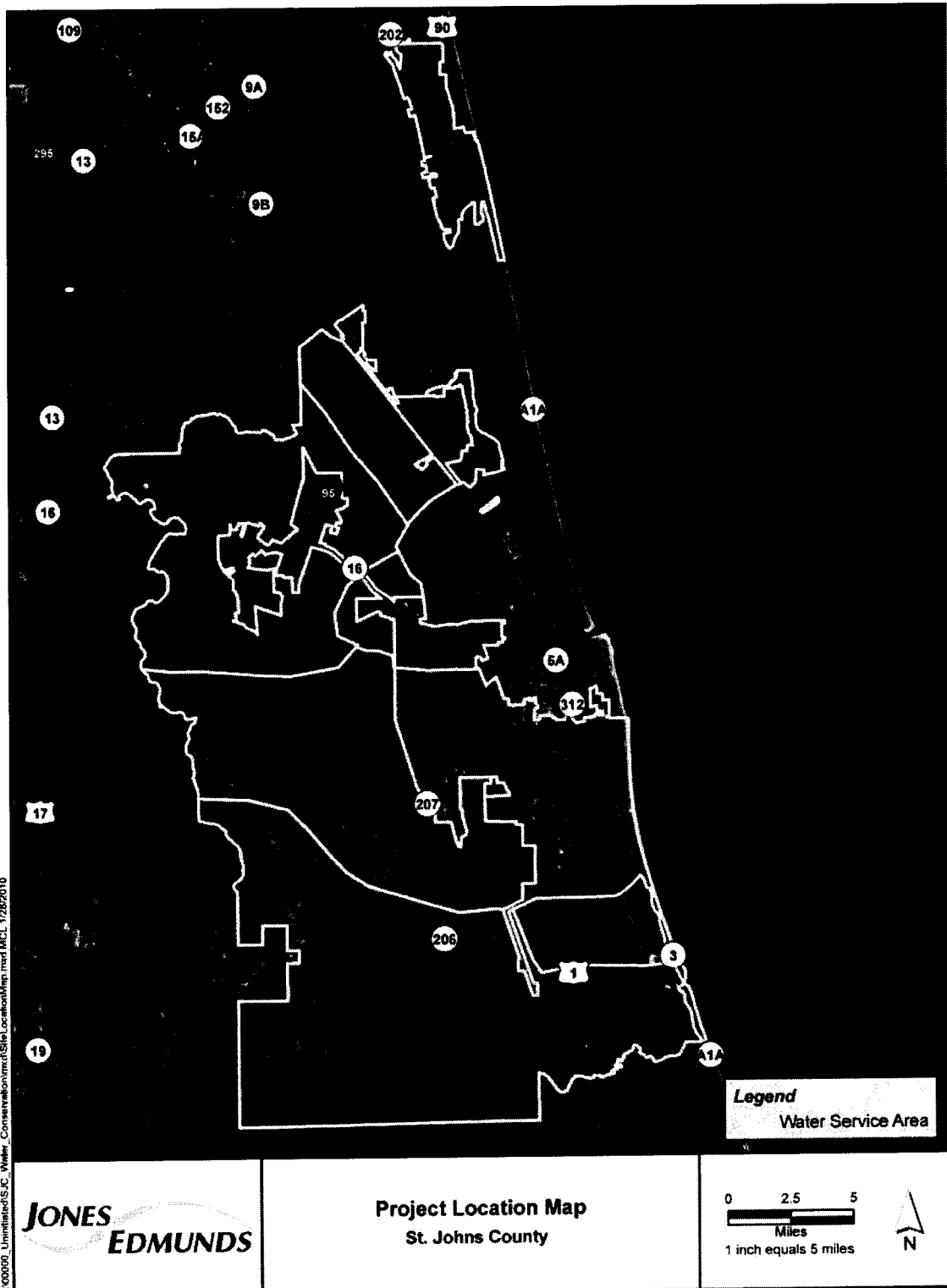
Tasks 1 & 2	\$ 72,399
Tasks 1, 2, 5, 7 & 8	\$120,116
Tasks 1, 2, 5, 7 & 8	\$181,070

or

All Tasks:

Task	Costs
1. Establish integration of system elements at the Utility	\$43,901
2. Refine linkage of CIS and GIS	\$28,498
3. Relationship of Incline Block Rate Structure to Conservation	\$28,695
4. AMR/AMI Analysis of Unaccounted for Water	\$32,495
5. Conservation Goals & Workflow Development	\$32,688
6. Demand-side Management Reporting Application	\$61,960
7. Water Conservation Analysis Console	\$60,953
8. Project Reporting	\$15,030
Total	\$380,119

B-4 Project location (address or description)



County(s) in which project is located: St. Johns County

B-5 Projected schedule.

Projected starting date: month April year 2010; completion date: month March year 2012.

Task	Deliverable from NTP (Months)
Task 1. Establish integration of system elements at the Utility	3
Task 2. Refine linkage of billing records to GIS	5
Task 3. Relationship of Incline Block Rate Structure to Conservation	7
Task 4. AMR/AMI Analysis of Unaccounted for Water	12
Task 5. Developing Water Conservation Goals and Workflow Development	12
Task 6. Demand-side Management Reporting (via Cityworks CMMS)	15
Task 7. Water Conservation Analysis Console	18
Task 8. Report Results	24

(Funds received through this program may be used only for projects installed after a cost-sharing contract has been executed and may not be used to reimburse the cost of existing strategies or strategies already under installation. Cost-sharing contracts probably will be executed by March 31, 2010. In general, project construction/implementation must be completed within 12 months of contract execution, monitoring of performance metrics will extend for several years.)

I certify that all information on this form and the attached documents is true and correct.

Signature of the person with authority to enter into a contractual agreement.

Name Mr. Neal Shinkre Title: **Utility Engineer**

Date _____

SJRWMD Permits

Permit Number	Permit Type	Applicant Name	Project Name	Project Description	County	Received Date	Decision Date	Expiration Date	Permit Status	Comment
2-109-1142-14	CUP Individual	St. Johns County Utility Dept	SJCUD Ponte Vedra System	The applicant proposes to	St. Johns	6/9/2008	No Date	No Date	Pending	Pending
2-109-1142-5	CUP Individual	St. Johns County Utility Dept	Intercoastal Utilities Inc.	The applicant proposes to	St. Johns	8/27/2007	No Date	No Date	Closed	Closed
2-109-1417-4	CUP Individual	St. Johns County	Road and Simms Borrow Pit	The applicant proposes to	St. Johns	10/13/2004	7/11/2006	7/11/2026	Approval	Issued
4-109-21387-11	ERP Individual	St. Johns County Recreation	Cypress Lakes Golf Course	Modification of an existing	St. Johns	1/8/2001	4/30/2001	4/10/2006	Approval	Issued
4-109-21387-6	MSSW Individual	St. Johns County Board of C	CYPRESS LAKES PHASE I	OUTFALL MODIFICATION	St. Johns	2/7/1994	4/12/1994	4/12/1999	Approval	Issued
4-109-21423-2	MSSW Individual	Board of County Commissi	MAINLAND WASTEWATER SYST	WASTEWATER TRANSMISSI	St. Johns	7/7/1988	9/13/1988	9/13/1993	Approval	Issued
40-109-21489-16	MSSW General	St. Johns County Utilities D	Northwest WTP Expansion and	STRMWRTR MANAGEMENT	St. Johns	4/11/2008	4/30/2008	4/17/2013	Approval	Issued
40-109-21595-4	ERP Standard General	St. Johns County Commissi	GUANA RIVER DRAINAGE IMPR	UPSIZING EXISTING CULVE	St. Johns	4/10/2009	5/8/2009	4/13/2004	Approval	Issued
4-109-21595-1	ERP Individual	St. Johns County Commissi	GUANA BASIN DRAINAGE IMPR	UPSIZING EXISTING CULVE	St. Johns	3/5/1998	4/13/1999	4/13/2004	Approval	Issued
40-109-28397-2	ERP Standard General	St. Johns County Board of C	ST. JOHNS COUNTY BORROW PI	TWO CELL BORROW PIT	St. Johns	3/15/1991	6/5/1991	11/16/1997	Approval	Issued
40-109-28397-1	ERP Standard General	St. Johns County Board of C	ST. JOHNS COUNTY BORROW PI	CLEAR AND GRADE FOR BC	St. Johns	10/22/1990	11/16/1990	11/16/1997	Approval	Issued
40-109-28403-5	ERP Standard General	St. Johns County	St. Johns County Fire and Rescu	Construction of a stormwa	St. Johns	6/22/2006	11/30/2006	11/30/2006	Approval	Issued
40-109-28409-3	ERP Standard General	Board of County Commissi	ST. JOHNS COUNTY BORROW PI	ONE CELL BORROW PIT	St. Johns	7/12/1991	No Date	No Date	No Permit	Closed
40-109-28553-1	ERP Standard General	St. Johns County Board of C	LIGHTSEY ROAD STORMWATER	CONSTRUCTION OF WET D	St. Johns	9/8/1995	10/18/1995	10/18/2000	Approval	Issued
40-109-28616-1	ERP Standard General	St. Johns County Board of C	HIGH SCHOOL ESTATES	MAINTENANCE OF DITCH	St. Johns	6/24/1996	7/24/1996	7/24/2001	No Permit	Issued
40-109-28688-3	ERP Standard General	Habitat For Humanity Of St.	Hadley Habitat Village	Modify a recorded conser	St. Johns	7/20/2007	5/21/2009	1/30/2001	No Permit	Issued
42-109-47901-6	ERP Stormwater Standa	St. Johns County	St. Johns County Jail Expansion	Modification of a previous	St. Johns	12/28/2006	1/26/2007	1/26/2012	Approval	Issued
42-109-47901-4	ERP Standard General	St. Johns County	St. Johns County Medical Exami	Modification of a previous	St. Johns	1/12/2005	2/3/2005	2/3/2010	Approval	Issued
42-109-47901-3	ERP Stormwater Standa	St. Johns County Board of C	CRIMINAL JUSTICE FACILITY		St. Johns	9/8/1993	12/29/1993	12/29/1998	Approval	Issued
42-109-47965-2	ERP Stormwater Standa	Board of County Commissi	LIGHTSEY ROAD STORMWATER	CONSTRUCTION OF WET D	St. Johns	9/8/1995	10/5/1995	10/5/2000	Approval	Issued
42-109-47965-1	ERP Stormwater Standa	St. Johns County Commissi	LIGHTSEY ROAD PAVEMENT	EXTPAVEMENT OF EXISTING	St. Johns	12/6/1990	2/21/1991	2/21/1996	Approval	Issued
42-109-47989-1	ERP Stormwater Standa	St. Johns County Public Wo	SUNSET/DEERWOOD		St. Johns	3/5/1991	4/3/1991	4/3/1996	Approval	Issued
42-109-48071-5	ERP Stormwater Standa	St. Johns County Board of C	Ponte Vedra Beach Library Ecos	St. Johns County is seeking	St. Johns	12/16/2004	1/13/2005	1/13/2010	Approval	Issued
42-109-48079-7	ERP Stormwater Standa	St. Johns County Constructi	SJC Courthouse Revisions (Ltr	M The proposed developmen	St. Johns	12/19/2008	3/6/2009	7/14/2010	Approval	Issued
42-109-48079-6	ERP Stormwater Standa	St. Johns County Constructi	St Johns County Growth Manag	The proposed developmen	St. Johns	4/29/2005	7/14/2005	7/14/2010	Approval	Issued
42-109-48079-4	ERP Stormwater Standa	St. Johns County Board of C	JUDICIAL & PERMITTING CENTE	PROVIDE TREATMENT FOR	St. Johns	5/21/1997	6/17/1997	6/17/2002	Approval	Issued
42-109-48111-2	ERP Stormwater Standa	St. Johns County Board of C	ASD OFFICE AND STORAGE	COMMERCIAL	St. Johns	6/21/1993	7/7/1993	7/7/1998	Approval	Issued
42-109-48214-1	ERP Stormwater Standa	St. Johns County Board of C	ROBERTS ROAD IMPROVEMENT	WIDENING AND EXTENSIO	St. Johns	11/28/1994	10/4/1995	10/4/2000	Approval	Issued
42-109-48215-1	ERP Stormwater Standa	St. Johns County Commissi	ST. JOHNS COUNTY EMER	NEW COUNTY EMERGENC	St. Johns	11/29/1994	1/23/1995	1/23/2000	Approval	Issued
42-109-48216-1	ERP Stormwater Standa	St. Johns County Board of C	STATE ROAD 16 / COUNTY ROAD	CONSTRUCTION OF AN AC	St. Johns	12/1/1994	6/19/1995	6/19/2000	Approval	Issued
42-109-48253-3	ERP Stormwater Standa	St. Johns County	Bartram Trail Library Expansion	4,690 sf Expansion to	St. Johns	1/24/2005	4/21/2005	4/21/2010	Approval	Issued
42-109-48333-2	ERP Stormwater Standa	St. Johns County Board of C	10TH STREET	Extension to continue exten	St. Johns	8/12/2002	1/14/2002	1/14/2007	Approval	Issued
42-109-48333-1	ERP Stormwater Standa	St. Johns County Board of C	10TH STREET	PULLING DITCHES ALONG	St. Johns	7/28/1997	8/12/1997	8/12/2002	Approval	Issued
42-109-48342-1	ERP Stormwater Standa	St. Johns County Board of C	E L	CONSTRUCTION OF 12' FT.	St. Johns	9/2/1997	11/5/1997	11/5/2002	Approval	Issued
40-109-48369-2	ERP Standard General	St. Johns County Engineeri	r Wahoo Drainage Improvement	The proposed project serv	St. Johns	2/4/2003	5/1/2003	5/1/2008	Approval	Issued
42-109-48369-1	ERP Stormwater Standa	St. Johns County Engineeri	r NORTHBEACH PAVING	PAVING OF EXISTING DIRT	St. Johns	4/6/1998	5/21/1998	5/21/2003	Approval	Issued
42-109-48372-1	ERP Stormwater Standa	St. Johns County Engineeri	r ST. AUGUSTINE SOUTH-1	PAVING OF EXISTING DIRT	St. Johns	4/20/1998	5/18/1998	5/18/2003	Approval	Issued
42-109-48375-1	ERP Stormwater Standa	St. Johns County Engineeri	r ST. AUGUSTINE SOUTH - 2	PERV PAVING OF EXISTING	St. Johns	5/1/1998	5/21/1998	5/21/2003	Approval	Issued
42-109-48379-1	ERP Stormwater Standa	St. Johns County Engineeri	r ST. AUGUSTINE SOUTH - 3	PERV PAVING OF EXISTING	St. Johns	5/1/1998	6/9/1998	6/9/2003	Approval	Issued
42-109-48380-1	ERP Stormwater Standa	St. Johns County Engineeri	r ST. AUGUSTINE SOUTH - 4	PERV PAVING OF EXISTING	St. Johns	5/1/1998	6/9/1998	6/9/2003	Approval	Issued
42-109-48382-1	ERP Stormwater Standa	St. Johns County Engineeri	r ST. AUGUSTINE SOUTH - 5	PERV PAVING OF EXISTING	St. Johns	5/2/1998	6/23/1998	6/23/2003	Approval	Issued
40-109-51928-3	ERP Standard General	St. Johns County Recreation	Northeast Park Facility/Davis Pa	The project will involve the	St. Johns	2/10/2000	5/9/2000	5/9/2005	Approval	Issued
42-109-51931-2	ERP Stormwater Standa	St. Johns County Engineeri	r Cold Mix paving 99'	Paving existing dirt roads	u St. Johns	7/26/1999	No Date	No Date	Pending	Pending
42-109-51931-1	ERP Stormwater Standa	St. Johns County Engineeri	r Cold Mix paving 99'	Paving existing dirt roads	u St. Johns	7/6/1999	7/30/1999	7/30/2004	Approval	Issued
4-109-56465-1	MSSW Individual	St. Johns County Commissi	ST. JOHNS COUNTY BORROW PI	BORROW PIT	St. Johns	10/22/1990	No Date	No Date	No Permit	Closed
42-109-62804-5	ERP Stormwater Standa	St. Johns County Engineeri	r Cold Mix Paving 2000 section 5	Paving of existing county n	St. Johns	12/6/1999	1/10/2000	1/10/2005	Approval	Issued
42-109-62804-4	ERP Stormwater Standa	St. Johns County Engineeri	r Cold Mix Paving 2000 section 4	Paving of existing county n	St. Johns	10/21/1999	11/19/1999	11/19/2004	Approval	Issued
42-109-62804-3	ERP Stormwater Standa	St. Johns County Engineeri	r Cold Mix Paving 2000 section 3	Paving of existing county n	St. Johns	10/21/1999	11/19/1999	11/19/2004	Approval	Issued
42-109-62804-2	ERP Stormwater Standa	St. Johns County Engineeri	r Cold Mix Paving 2000 section 2	Paving of existing county n	St. Johns	10/21/1999	11/19/1999	11/19/2004	Approval	Issued
42-109-62804-1	ERP Stormwater Standa	St. Johns County Engineeri	r Cold Mix Paving 2000 section 1	Paving of existing county n	St. Johns	10/21/1999	11/19/1999	11/19/2004	Approval	Issued

40-109-63917-2	ERP Standard General	St. Johns County	St Johns County Golf Course Ma	Construct a 7000 SF golf cc	St. Johns	11/22/1999	3/29/2000	3/29/2005	Approval	Issued
40-109-63917-1	ERP Standard General	St. Johns County	Recreator Cypress Lakes Golf Course	This permit application is f	St. Johns	1/28/2000	3/13/2000	3/13/2005	Approval	Issued
42-109-64245-3	ERP Stormwater Standa	St. Johns County Engineeri	County Dirt Rd Paving 2000 Sec	Paving of existing county n	St. Johns	7/17/2000	8/10/2000	8/10/2005	Approval	Issued
42-109-64245-1	ERP Stormwater Standa	St. Johns County Engineeri	County Dirt Rd Paving 2000 Scti	Paving of existing county n	St. Johns	2/24/2000	3/22/2000	3/22/2005	Approval	Issued
42-109-71499-5	ERP Stormwater Standa	St. Johns County Engineeri	Dirt Road improvements Progra	Paving of existing county n	St. Johns	7/25/2002	8/28/2002	8/28/2007	Approval	Issued
42-109-71499-4	ERP Stormwater Standa	St. Johns County Engineeri	Dirt Road improvements Progra	Paving of existing county n	St. Johns	11/2/2001	12/11/2001	12/11/2006	Approval	Issued
42-109-71499-3	ERP Stormwater Standa	St. Johns County Engineeri	Dirt Road improvements Progra	Paving of existing county n	St. Johns	9/19/2001	10/19/2001	10/19/2006	Approval	Issued
42-109-71499-2	ERP Stormwater Standa	St. Johns County Engineeri	Dirt Road improvements Progra	Paving of existing county n	St. Johns	5/24/2001	6/25/2001	6/25/2006	Approval	Issued
42-109-71499-1	ERP Stormwater Standa	St. Johns County Engineeri	Dirt Road improvements Progra	Paving of existing county n	St. Johns	5/24/2001	6/20/2001	6/20/2006	Approval	Issued
42-109-72015-1	ERP Stormwater Standa	St. Johns County Engineeri	Dirt Road improvements 2002.2	paving of existing county	St. Johns	6/20/2001	7/18/2001	7/18/2006	Approval	Issued
12-109-74607-1	WRM individual	St. Johns County Board of C	ST. JOHNS JUDICIAL AND PERMINE	NEW ROADWAY CONSTRU	St. Johns	9/8/1993	2/8/1994	2/8/1999	Approval	Issued
400-109-75581-1	ERP Noticad General	St. Johns County Board of C	MADEORE STREET	REPLACE EXISTING DOUBLI	St. Johns	3/13/1996	4/3/1996	4/3/2001	Approval	Issued
400-109-75590-1	ERP Noticad General	St. Johns County Board of C	PONCE DELEON HEIGHTS	ROUTINE MAINTENANCE C	St. Johns	11/5/1996	12/17/1996	12/17/2001	Approval	Issued
400-109-75596-1	ERP Noticad General	St. Johns County Board of C	REID PACKING HOUSE	REPLACEMENT OF DETERIK	St. Johns	3/12/1997	4/11/1997	4/11/2002	Approval	Issued
40-109-76700-2	ERP Standard General	St. Johns County Engineeri	WINDSWEPT ACRES	IMPROVE EXISTING DRAIN	St. Johns	10/26/1998	1/30/2001	1/30/2001	Closed	Closed
42-109-76700-1	ERP Stormwater Standa	St. Johns County Engineeri	WINDSWEPT ACRES	IMPROVE EXISTING DRAIN	St. Johns	10/26/1998	11/11/1998	11/11/2005	Approval	Issued
42-109-76702-1	ERP Stormwater Standa	St. Johns County Engineeri	COLD MIX PAVING 99 FT. ZONE	PAVING OF EXISTING DIRT	St. Johns	12/1/1998	1/20/1999	1/20/2004	Approval	Issued
42-109-76703-1	ERP Stormwater Standa	St. Johns County Engineeri	COLD MIX PAVING 99 FT. ZONE	PAVING OF EXISTING DIRT	St. Johns	12/1/1998	1/20/1999	1/20/2004	Approval	Issued
42-109-76704-1	ERP Stormwater Standa	St. Johns County Engineeri	COLD MIX PAVING 99 FT. ZONE	PAVING OF EXISTING DIRT	St. Johns	12/1/1998	1/20/1999	1/20/2004	Approval	Issued
42-109-76722-1	ERP Stormwater Standa	St. Johns County Engineeri	COLD MIX PAVING 99	PAVING EXISTING DIRT RD	St. Johns	3/11/1999	4/14/1999	4/14/2004	Approval	Issued
42-109-81265-1	ERP Stormwater Standa	St. Johns County Engineeri	Russell Sampson Road	Paving of existing county	St. Johns	11/19/2001	12/20/2001	12/20/2006	Approval	Issued
40-109-82858-1	ERP Standard General	St. Johns County Parks and	SJC Equestrian Center	Construction of three (3)	St. Johns	3/13/2002	6/20/2002	6/20/2007	Approval	Issued
40-109-83596-1	ERP Standard General	St. Johns County Engineeri	St. Road 16 Sidewalk	Construction of 5ft concret	St. Johns	4/11/2002	6/20/2002	6/20/2007	Approval	Issued
40-109-84900-2	ERP Standard General	St. Johns County	County Road A1A Widening	(tr letter modification request	St. Johns	5/28/2008	6/24/2008	11/25/2007	Approval	Issued
40-109-84900-1	ERP Standard General	St. Johns County	County Road A1A Widening		St. Johns	7/26/2002	11/25/2002	11/25/2007	Approval	Issued
40-109-86707-1	ERP Standard General	St. Johns County Board of C	C.R. 219 SCOP	Safety improvements cons	St. Johns	11/19/2002	No Date	No Date	Withdrawn	Closed
40-109-94943-1	ERP Standard General	St. Johns County	Alpine Groves Park	This project is a county pat	St. Johns	7/30/2004	11/5/2004	11/5/2009	Approval	Issued
42-109-97994-2	ERP Stormwater Standa	St. Johns County Constructi	St. Johns County Utility Building	The proposed developmen	St. Johns	5/4/2005	6/3/2005	6/3/2010	Approval	Issued
42-109-97994-1	ERP Stormwater Standa	St. Johns County Constructi	St. Johns County Utility Building	The proposed developmen	St. Johns	3/11/2005	4/6/2005	4/6/2010	Closed	Closed
42-109-100668-1	ERP Stormwater Standa	St. Johns County	St Johns County Fire Station No	Construction of a 5632 s.f.	St. Johns	8/8/2005	8/17/2005	8/17/2010	Approval	Issued
3-109-106704-2	Water Well Construction	St. Johns County Utility Dep	Water Plant Rd Well FLMW 2	Water Plant Rd Well FLMW	St. Johns	11/18/2006	11/10/2006	2/8/2007	Approval	Issued
3-109-106704-1	Water Well Construction	St. Johns County Utility Dep	Water Plant Rd Well FLMW 2	Water Plant Rd Well FLMW	St. Johns	7/21/2006	8/10/2006	11/19/2012	Closed	Closed
42-109-108519-1	ERP Stormwater Standa	St. Johns County	St Johns County Tax Collectors	The site is located at the e	St. Johns	11/10/2006	1/19/2007	1/19/2012	Approval	Issued
42-109-109266-1	ERP Stormwater Standa	St. Johns County Board of Public	Instruction Parking lot expansion	for Fullen The construction of a wet	St. Johns	1/5/2007	12/20/2007	12/20/2012	Approval	Issued
3-109-109274-1	Water Well Construction	St. Johns County Utility Dep	Cowford Ferry Court	Well application	St. Johns	1/4/2007	1/18/2007	4/10/2007	Approval	Issued
3-109-110131-2	Water Well Construction	St. Johns County Golf Cours	St Johns County Golf Course	water well construction	St. Johns	12/8/2007	12/17/2007	3/9/2008	Approval	Issued
3-109-110131-1	Water Well Construction	St. Johns County Utility Dep	St Johns County Golf Course	water well construction	St. Johns	3/2/2007	6/25/2007	9/16/2007	Closed	Closed
42-109-110512-1	ERP Stormwater Standa	St. Johns County, Dept Of E	St. Johns County Emergency Op	Construction of a wet dete	St. Johns	3/26/2007	5/23/2007	5/23/2012	Approval	Issued
3-109-116763-2	Water Well Construction	St. Johns County Utility Dep	St. Johns County Utility Dept.-	T Construction of a 20- inch	St. Johns	9/24/2008	10/6/2008	10/6/2008	Approval	Issued
3-109-116763-1	Water Well Construction	St. Johns County Utility Dep	St. Johns County Utility Dept.-	T Construction of a 20- inch	St. Johns	6/19/2008	7/18/2008	10/5/2008	Closed	Closed
3-109-118345-1	Water Well Construction	St. Johns County Utilities D	Abandonment of Well TR-4 at	C Abandonment of a 10- incl	St. Johns	9/8/2008	9/16/2008	12/8/2008	Approval	Issued
3-109-118348-1	Water Well Construction	St. Johns County Utilities D	Abandonment of Well TR-5 at	C Abandonment of a 10- incl	St. Johns	9/8/2008	9/16/2008	12/9/2008	Approval	Issued
3-109-118349-1	Water Well Construction	St. Johns County Utilities D	Abandonment of Well TR-9 at	C Abandonment of an 8- incl	St. Johns	9/8/2008	9/16/2008	12/9/2008	Approval	Issued
3-109-118350-1	Water Well Construction	St. Johns County Utilities D	Abandonment of Well TR-11 at	C Abandonment of an 8- incl	St. Johns	9/8/2008	9/16/2008	12/9/2008	Approval	Issued
3-109-118351-1	Water Well Construction	St. Johns County Utilities D	Abandonment of Well TR-12 at	C Abandonment of an 8- incl	St. Johns	9/8/2008	9/16/2008	12/9/2008	Approval	Issued
3-109-118352-1	Water Well Construction	St. Johns County Utilities D	Abandonment of Well TR-13 at	C Abandonment of an 8- incl	St. Johns	9/8/2008	9/16/2008	12/9/2008	Approval	Issued
3-109-118353-1	Water Well Construction	St. Johns County Utilities D	Abandonment of Well TR-14 at	C Abandonment of an 8- incl	St. Johns	9/8/2008	9/16/2008	12/10/2008	Approval	Issued
3-109-118354-1	Water Well Construction	St. Johns County Utilities D	Abandonment of Well TR-15 at	C Abandonment of a 10- incl	St. Johns	9/8/2008	9/16/2008	12/10/2008	Approval	Issued
3-109-118356-1	Water Well Construction	St. Johns County Utilities D	Abandonment of Well TR-16 at	C Abandonment of a 10- incl	St. Johns	9/8/2008	9/16/2008	12/10/2008	Approval	Issued
16-109-118459-1	ERP Formal Wetland De	St. Johns County Utility Dep	St. Johns County/NW Well Site	Currently, this land is agric	St. Johns	9/9/2008	No Date	No Date	Pending	Pending
40-109-122169-1	ERP Standard General	St. Johns County Board of C	Drainage improvements to Port	Construct storm drainage	St. Johns	8/27/2009	10/19/2009	10/19/2014	Approval	Issued