

May 22, 2018 - Regular Meeting
Agenda Item #24

Approved in Open Session 5/22/18,
Manatee County
Board of County Commissioners

Subject

Request for Proposals No.18-TA002693AJ Corrosion and Odor Control Services

Briefings

None

Contact and/or Presenter Information

Contact: Abigail Jenkins, Financial Management Department, Procurement Division, Ext. 3062

Presenter: Jeff Goodwin, Deputy Director Utilities, Utilities Department, ext.5235

Action Requested

Authorization to award five-year agreements for Corrosion and Odor Control Services to Evoqua Water Technologies and Premier Magnesia, LLC for a combined not-to-exceed amount of \$2,985,740.

Authorize the County Administrator, or designee, to execute the Agreements.

Enabling/Regulating Authority

Manatee County Code of Laws

Background Discussion

On March 8, 2018, the County advertised Request for Proposals (RFP) No.18-TA002693AJ for Corrosion and Odor Control Services. Two responsive and responsible proposals were received from Evoqua Water Technologies, Sarasota, Florida, and Premier Magnesia, LLC, Tampa, Florida. Proposals were evaluated based upon the criteria in the RFP. The maximum possible technical score was 75. The scores for the firms are as follows:

Firm	Score
Evoqua Water Technologies	73
Premier Magnesia	68

The cost submitted by each firm varies based on the product used. Staff negotiated Agreements with Evoqua Water Technologies and Premier Magnesia, LLC that resulted in contract award to both companies. Evoqua Water Technologies will be the primary contractor to manage the scope of work for calcium nitrate processes and vapor phase treatment processes, and Premier Magnesia will be the primary contractor managing the scope of work for the magnesium hydroxide treatment process. The Agreements staff is presenting to the Commission are for a total not-to-exceed annual amount of \$2,985,740 combined. Each Agreement is for one year with the option to renew for an additional four years.

Individual Annual Contract value:

Evoqua Water Technologies: \$2,000,000

Premier Magnesia, LLC: \$985,740

The Utilities Department has need for odor and corrosion control services throughout the wastewater system and requires a comprehensive service approach to address the entire system. The contractors will provide 24-hour maintenance and emergency response for odor and corrosion control services for approximately 100 equipment applications installed in the County's waste water system that encompasses over 650 lift stations, three water reclamation facilities, and a thermal bio-solids dryer. Pursuant to the agreement, the contractors will furnish all necessary personnel, materials, supplies, and transportation, including assistance with evaluating and diagnosing odor complaints and related odor issues and cost estimating, to establish objectives and monitoring programs to minimize odor and corrosion.

County Attorney Review

Not Reviewed (No apparent legal issues)

Explanation of Other

Reviewing Attorney

N/A

Instructions to Board Records

Copies of executed contracts to:

Evoqua Water Technologies - David Morano (david.morano@evoqua.com)

Premier Magnesia, LLC - David Pickard (dpickard@premiermagnesia.com)

Deputy Director Utilities Department - Jeff Goodwin (jeff.goodwin@mymanatee.org)

Procurement Division - Abigail Jenkins (abigail.jenkins@mymanatee.org)

Distributed 5/29/18, RT

Cost and Funds Source Account Number and Name

\$2,985,740. Utility rates in various accounts in the Utility Dept, 401 -0010101 Southwest Water Reclamation Facility; 401-0010102 Southeast Water Reclamation Facility; 401-0010103 North Regional Water Reclamation Facility; 401001300 Lift Stations

Amount and Frequency of Recurring Costs

N/A

Attachment: [18-TA002693AJ_Prof Agree Premier Magn 05102018.pdf](#)

Attachment: [Manatee County 18-TA002693AJ Contract 5-10-18 \(003\) Evoqua.pdf](#)

Attachment: [Odor Corrosion Memo 2018.pdf](#)

MEMORANDUM

To: Abigail Jenkins, Contract Negotiator
From: Jeff Goodwin, Deputy Director, Utilities
Date: May 11, 2018
Subject: Request for Proposal for Odor and Corrosion Control Services (Task 20162471)



Please accept this memorandum as request to initiate an RFP for comprehensive odor and corrosion control services for the Utilities Department's wastewater collections and treatment systems.

As outlined in the attached scope of services, the Utilities Department has need for odor and corrosion control services throughout their wastewater system and desires a comprehensive service approach to address the entire system.

A cost estimate for the term agreement time frame is provided:

Location:	Account Number:	Object Code: 552000 Operating Supplies	Object Code: 544000 Rents & Leases	Object Code: 534000 Other Contractual Services	Total:	Requisition Number / Term Agreement IFAS encumbrance
Southwest Plant	401.0010101	\$160,000	\$28,000		\$188,000	Task 20162471
Southeast Plant	401.0010102			\$33,480	\$33,480	Task 20162471
North Plant	401.0010103		\$50,760		\$50,760	Task 20162471
Lift Stations	401.0010300		\$975,000	\$1,738,500	\$2,713,500	Task 20162471
Total 2018 Estimated Expenditures		\$160,000	1,053,760.00	\$1,771,980.	\$2,985,740	

Thank you for your assistance, please do not hesitate to contact me at ext. 5235 should you require additional information or clarification.

CC email only: C. Mike Gore, Director, Utilities
Heather Dilldine, Financial Services Manager
Michelle Balais, Senior Fiscal Services Manager, Utilities
Chuck Froman, WW Plant Superintendent, Utilities
Nick Wagner, Utilities Superintendent, Utilities

Utilities
Administration
4410 66th Street West, Bradenton, FL 34210
Phone number: (941) 792-8811



AGREEMENT No. 18-TA002693AJ

CORROSION AND ODOR CONTROL SERVICES

between

**MANATEE COUNTY
(COUNTY)**

and

**EVOQUA WATER TECHNOLOGIES
(CONSULTANT)**

**AGREEMENT FOR PROFESSIONAL CORROSION AND ODOR CONTROL
SERVICES**

THIS AGREEMENT is entered into by and between **MANATEE COUNTY**, a political subdivision of the State of Florida, hereinafter referred to as "COUNTY", with offices located at 1112 Manatee Avenue West, Bradenton, Florida 34205, and **Evoqua Water Technologies**, a corporation, authorized to conduct business in the State of Florida, hereinafter referred to as the "CONSULTANT", with offices located at 2650 Tallevast Rd, Sarasota, FL 34243 . COUNTY and CONSULTANT are collectively referred to as the Parties and also individually as a Party.

WHEREAS, COUNTY has determined that it is necessary, expedient and in its best interests to retain CONSULTANT to render professional services as described in this Agreement for the purpose of providing Corrosion and Odor control services throughout the County's wastewater system including the necessary personnel, materials, chemicals, services, permits and licenses, methodology, supplies, and equipment necessary to provide services for the control of corrosion and odor to address the entire wastewater system..

WHEREAS, CONSULTANT submitted a proposal in response to Request For Proposals 18-TA002693AJ and COUNTY thereafter conducted a competitive selection process in accordance with the Manatee County Procurement Code, resulting in this Agreement.

NOW, THEREFORE, in consideration of the mutual covenants, promises, and representations contained herein, the Parties hereto agree as follows:

ARTICLE 1. SCOPE OF SERVICES

CONSULTANT shall provide services as detailed in **Exhibit "A"** Scope of Services.

COUNTY reserves the right to request additional services if needed.

ARTICLE 2. EXHIBITS INCORPORATED

This Agreement consists of a primary contract, and 6 exhibits, which are as follows:

- Exhibit "A"** Scope of Services
- Exhibit "B"** Fee Rate Schedule or Task Prices
- Exhibit "C"** Affidavit of No Conflict
- Exhibit "D"** Insurance Requirements
- Exhibit "E"** Special Conditions
- Exhibit "F"** Lift Stations Locations

These Exhibits are attached hereto and are incorporated into the Agreement. In the event of a conflict between the terms and conditions provided in the body of this Agreement and any Exhibit, the provisions contained within the Agreement shall prevail unless the term or provision

in the Exhibit specifically states that it shall prevail.

ARTICLE 3. COMPENSATION

- A. The total amount due by COUNTY for the services identified in **Exhibit A**, shall not exceed a total cost of **Two Million Dollars (\$2,000,000.000)** as detailed in **Exhibit B**. Compensation will be made to CONSULTANT upon acceptable performance of services rendered and/or to reimburse for authorized and documented expenses incurred in providing services identified in **Exhibit A**.
- B. The deliverable payment schedule as shown on **Exhibit B**, shall be the total not-to-exceed compensation for the services and shall contain all costs to include salaries, office operation, transportation, equipment, overhead, general and administrative, incidental expenses, fringe benefits and operating margin.
- C. CONSULTANT represents that it has carefully assessed the work to be performed under this Agreement, has determined that the compensation agreed to will be sufficient for it to fully perform its obligations as set forth in the Agreement, and understands that no further funding shall be provided by COUNTY for the completion of this Agreement unless COUNTY, by way of written amendment to this Agreement, shall add additional tasks not now set forth in the Agreement.
- D. "Task," as used in this Agreement, refers to particular categories/groupings of services described in **Exhibit A**.

ARTICLE 4. AGREEMENT TERM

This Agreement shall commence on the date of execution by COUNTY (herein the "Effective Date"). The Agreement shall remain in force for a minimum of one (1) year period after execution of the Agreement, unless terminated by COUNTY pursuant to Article 6.

COUNTY reserves the right to extend the term for up to four (4) additional one (1) year periods mutually agreed upon and as shown in Exhibit E, Special Conditions.

ARTICLE 5. INVOICES AND TIME OF PAYMENT

- A. Subject to the provisions of this Agreement, COUNTY shall pay CONSULTANT for the herein described services at a rate of compensation according to the deliverable payment schedule stated in Exhibit B. COUNTY shall have the right to retain from any payment due CONSULTANT under this Agreement, an amount sufficient to satisfy any amount of liquidated damages due and owing to COUNTY by CONSULTANT on any other agreement between CONSULTANT and COUNTY.
- B. If any Task requires units of deliverables, then such units must be received and accepted in writing by COUNTY prior to payment.

Agreement shall be maintained and made available upon request to COUNTY at all times during the period of this Agreement and for three years after final payment is made. Copies of these documents and records shall be furnished to COUNTY upon request.

- D. Records of costs incurred shall include CONSULTANT'S general accounting records and the project records, together with supporting documents and records of CONSULTANT and all sub-consultants performing work on the project and all other records of CONSULTANT and sub-consultants considered necessary by COUNTY for a proper audit of costs.
- E. Any dispute between COUNTY and CONSULTANT with regard to the percent of a Task that has been completed or CONSULTANT'S invoice shall be resolved in accordance with the provision of Article 11 of this Agreement.
- F. When CONSULTANT seeks payment for any deliverable or reimbursable expense, it shall provide COUNTY with an invoice which shall include a description of authorized work performed and/or expense incurred, and the total unpaid compensation CONSULTANT represents as being due as of the invoice date. All invoices so submitted shall include the Agreement number which COUNTY has assign to this Agreement.
- G. COUNTY must approve all invoices prior to payment being made.
- H. All costs of providing the Scope of Services shall be the responsibility of CONSULTANT, with the exception of reimbursement by COUNTY for costs deemed reimbursable in **Exhibit B**.
- I. COUNTY shall have forty-five (45) days from the receipt of an invoice seeking payment of fees or costs to either pay the invoice, or notify CONSULTANT that the deliverable, or any part thereof, is unacceptable, and/or that any asserted expense is not reimbursable.

ARTICLE 6. TERMINATION OF AGREEMENT:

A. TERMINATION FOR DEFAULT:

COUNTY shall have the right, by written notice to CONSULTANT, to terminate this Agreement for default (Work Assignments, if applicable) if CONSULTANT fails to:

1. Provide products or services that comply with the specifications herein or that fail to meet COUNTY's performance standards;
2. Deliver the supplies or perform the services within the time specified;
3. Make progress so as to endanger the overall performance of this Agreement; or
4. Perform any of the other duties set forth in this Agreement.

Prior to termination for default, COUNTY shall provide adequate written notice to CONSULTANT through the County Representative as defined in Article 9.A, affording CONSULTANT the opportunity to cure the deficiencies or to submit a specific plan to resolve the deficiencies within ten (10) days (or the period specified in the notice) after receipt of the notice. Failure to adequately cure the deficiency shall result in termination action.

Such termination may also result in suspension or debarment of CONSULTANT in accordance with Manatee County's Procurement Ordinance, Chapter 2-26. CONSULTANT shall be liable for any damage to COUNTY resulting from CONSULTANT'S default of the Agreement. This liability includes any increased costs incurred by COUNTY in completing contract performance.

In the event of termination by COUNTY for any cause, CONSULTANT shall not have any right or claim against COUNTY for lost profits or compensation for lost opportunities. After a receipt of a Termination Notice and except as otherwise directed by COUNTY, CONSULTANT shall:

1. Stop work on the date and to the extent specified;
2. Terminate and settle all orders and subcontracts relating to the performance of the terminated work;
3. Transfer all work in process, completed work, and other materials related to the terminated work as directed by COUNTY; and
4. Continue and complete all parts of that work that have not been terminated.

B. TERMINATION FOR CONVENIENCE:

COUNTY, by written notice, may terminate this Agreement, in whole or in part, when it is in COUNTY'S interest. If this Agreement is terminated, COUNTY shall be liable only for goods or services delivered and accepted. COUNTY Notice of Termination shall provide the contractor thirty (30) days prior notice before it becomes effective.

A termination for convenience may apply to individual Work Assignments, if applicable, or to this Agreement in its entirety.

ARTICLE 7: TRANSITION SERVICES UPON TERMINATION

Upon termination or expiration of this Agreement, CONSULTANT shall cooperate with COUNTY to assist with the orderly transfer of the services provided by CONSULTANT to COUNTY. Prior to termination or expiration of the Agreement, COUNTY may require CONSULTANT to perform and, if so required, CONSULTANT shall perform, certain transition services necessary to shift the services of CONSULTANT to another provider or to COUNTY itself as described below (the "Transition Services"). The Transition Services may include but shall not be limited to:

- A. Working with COUNTY to jointly develop a mutually agreed upon Transition Services plan to facilitate the termination of the services;
- B. Performing the Transition Services plan activities;
- C. Answering questions regarding the services on an as-needed basis; and
- D. Providing such other reasonable services needed to effectuate an orderly transition to a new service provider or to COUNTY.

ARTICLE 8. COUNTY OWNERSHIP OF WORK PRODUCT

The Parties agree that COUNTY shall have exclusive ownership of all reports, documents, designs, ideas, materials, reports, concepts, plans, creative works, and other work product developed for or provided to COUNTY in connection with this Agreement, and all patent rights, copyrights, trade secret rights and other intellectual property rights relating thereto (collectively "the Intellectual Property"). CONSULTANT hereby assigns and transfers all rights in the Intellectual Property to COUNTY. CONSULTANT further agrees to execute and deliver such assignments and other documents as COUNTY may later require to perfect, maintain and enforce COUNTY'S rights as sole owner of the Intellectual property, including all rights under patent and copyright law.

ARTICLE 9. RESPONSIBILITIES OF COUNTY

COUNTY shall:

- A. Through its County Administrator, appoint an individual to serve as County Representative. COUNTY Representative shall have the authority to transmit instructions, receive information, interpret and define the policy of COUNTY and make decisions pertinent to services covered by this Agreement. COUNTY reserves the right to designate a different County Representative, provided that CONSULTANT is given written notice thereof.
- B. Make available at no cost to CONSULTANT, information relative to the project that is useful in the performance of the Scope of Services.
- C. Give prompt notice to CONSULTANT whenever COUNTY observes or otherwise becomes aware of any defect in the performance of work under this Agreement.
- D. Give careful and reasonable consideration to the findings and recommendations of CONSULTANT, and shall respond and issue notices to proceed in a timely manner so as not to unduly delay CONSULTANT's work called for by this Agreement.
- E. Make COUNTY personnel available on a time-permitting basis, where required and necessary to assist CONSULTANT. The availability and necessity of said personnel to assist CONSULTANT shall be determined solely within the discretion of COUNTY.

- F. Perform activities in this Article at no cost to CONSULTANT.

ARTICLE 10. RESPONSIBILITIES OF CONSULTANT

CONSULTANT shall:

- A. Appoint a CONSULTANT's Agent with respect to the services to be performed by CONSULTANT pursuant to this Agreement. CONSULTANT's Agent shall have the authority without limitation, to make representations on behalf of CONSULTANT, receive information, and interpret and define the needs of CONSULTANT and make decisions pertinent to services covered by this Agreement. CONSULTANT's Agent shall have the right, from time to time, to designate such other employees of CONSULTANT's as they desire, to serve in their absence. CONSULTANT reserves the right to designate a different agent, provided that COUNTY is given written notice thereof.
- B. Perform the work in accordance with the terms and conditions of this Agreement.
- C. Ensure that all employees assigned to render services under this Agreement shall be duly qualified, registered, licensed or certified to provide the services required.
- D. Be responsible for collecting all existing data required for the successful completion of each task.
- E. Not knowingly engage in any contractual or professional obligations that create an appearance of a conflict of interest with respect to the service provided pursuant to this Agreement. CONSULTANT attests to this via an Affidavit of No Conflict, **Exhibit "C"**.
- F. Be entitled to rely upon that information which may be provided from time to time, from COUNTY. However, CONSULTANT shall call to COUNTY's attention any errors or deficiencies noted in such information provided and assist, to the extent practicable, COUNTY in the identification and resolution of same. Information referred to above includes, but is not limited to, additional services, consultations, investigations, and reports necessary for the execution of CONSULTANT's work under this Agreement. COUNTY shall, however, hold CONSULTANT fully responsible for verifying, to the extent practicable, documents and information provided by COUNTY and identifying the obvious deficiencies concerning documents and information provided. CONSULTANT agrees to incorporate the provisions of this paragraph in any subcontract into which it might enter with reference to the work performed under this Agreement.

CONSULTANT shall be responsible for the professional quality technical accuracy, and the coordination of all designs, drawings, specifications, and other services furnished by CONSULTANT under this Agreement. CONSULTANT shall, without additional compensation, correct or revise any errors or deficiencies in its designs, drawings, specifications, and other services.

If CONSULTANT is comprised of more than one legal entity, each such entity shall be jointly and severally liable hereunder.

CONSULTANT shall maintain an adequate and competent staff of professionally qualified persons during the term of this Agreement for the purpose of rendering the required services hereunder. CONSULTANT shall not sublet, assign or transfer any services under this Agreement without the written consent of COUNTY.

COUNTY may require in writing that CONSULTANT remove from the Work any of CONSULTANT's personnel that COUNTY determines to be incompetent, careless or otherwise objectionable. No claims for an increase in Agreement Amount or Contract Time based on COUNTY's use of this provision will be valid. CONSULTANT shall indemnify and hold COUNTY harmless from and against any claim by CONSULTANT's personnel on account of the use of this provision.

ARTICLE 11. DISPUTE RESOLUTION

Disputes shall be resolved in accordance with § 2-26-63 and § 2-26-64 of the Manatee County Code. Any dispute resolution constituting a material change in this Agreement will not be final until an Amendment to this Agreement has been approved and executed by COUNTY Purchasing Official. If such dispute involves the percentage of the work completed by CONSULTANT, COUNTY shall, as promptly and reasonably as possible after resolution of such dispute, forward payment to CONSULTANT of any amount determined to be due and owing.

ARTICLE 12. MAINTENANCE OF RECORDS; AUDITS; LICENSES

- A. CONSULTANT shall maintain records, accounts, property records, and personnel records in accordance with generally accepted accounting principles, as deemed necessary by COUNTY to assure proper accounting of funds and compliance with the provisions of this Agreement.
- B. CONSULTANT shall provide COUNTY all information, reports, records and documents required by this Agreement or by COUNTY ordinances, rules or procedures, or as needed by COUNTY to monitor and evaluate the CONSULTANT'S performance. Such materials shall also be made available to COUNTY for auditing. Inspection or copying will occur during normal business hours, and as often as COUNTY may deem necessary. COUNTY shall have the right to obtain and inspect any audit pertaining to the performance of this Agreement or CONSULTANT made by any local, state or federal agency. To the extent such materials are in the possession of a third party, CONSULTANT must obtain them from that third party, or certify to COUNTY why it was unable to do so. CONSULTANT shall retain all of its records and supporting documents related to this Agreement in accordance with all applicable laws, rules and regulations, and, at a minimum, retain all records and supporting documents related to

this Agreement, except duplicate copies or drafts, for at least three (3) years after the termination date.

- C. CONSULTANT shall obtain any licenses required to provide the Scope of Services and maintain full compliance with any licensure requirements. Copies of reports provided to or by any licensing or regulatory agency shall be forwarded to COUNTY within ten (10) days after receipt by CONSULTANT. CONSULTANT shall immediately inform COUNTY if it or any of its principles or agents working on this Agreement are terminated, suspended, revoked or are otherwise invalid and/or are no longer in good standing.

ARTICLE 13. PUBLIC RECORDS

Pursuant to Florida Statutes §119.0701, to the extent CONSULTANT is performing services on behalf of COUNTY, CONSULTANT shall:

- A. Keep and maintain public records required by COUNTY to perform the service.
- B. Upon request from COUNTY'S custodian of public records, provide COUNTY with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Florida Statutes Chapter 119 or as otherwise provided by law.
- C. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the Agreement term and following completion of the Agreement if CONSULTANT does not transfer the records to COUNTY.
- D. Upon completion of the Agreement, transfer, at no cost, to COUNTY all public records in possession of CONSULTANT or keep and maintain public records required by COUNTY to perform the service. If CONSULTANT transfers all public records to COUNTY upon completion of the Agreement, CONSULTANT shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If CONSULTANT keeps and maintains public records upon completion of the Agreement, CONSULTANT shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to COUNTY, upon request from COUNTY'S custodian of public records, in a format that is compatible with the information technology systems of COUNTY.

IF CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO COUNTY'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

Phone: 941.742.5845

Email: Debbie.Scaccianoce@mymanatee.org

Mail: Manatee County BCC, Attn: Records Manager 1112 Manatee Avenue West, Bradenton FL 34205.

ARTICLE 14. INDEMNIFICATION

CONSULTANT shall indemnify and hold harmless COUNTY, its officers, employees and agents, from liabilities, damages, losses, and costs, including but not limited to reasonable attorney's fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of CONSULTANT, its personnel, design professionals and other persons employed or utilized by CONSULTANT in the performance of this Agreement, including without limitation, defects in design, or errors or omissions that result in material cost increases to COUNTY. Such indemnification shall include the payment of all valid claims, losses, and judgments of any nature whatsoever in connection therewith and the payment of all related fees and costs. COUNTY reserves the right to defend itself with its own counsel or retained counsel at CONSULTANT's expense. This indemnification obligation shall not be construed to negate, abridge or reduce any other rights or remedies which otherwise may be available to an indemnified party or person described in this paragraph or be deemed to affect the rights, privileges and immunities of COUNTY as set forth in Section 768.28, Florida Statutes.

ARTICLE 15. NO WAIVER OF SOVEREIGN IMMUNITY

Nothing herein shall be interpreted as a waiver of COUNTY of its rights, including the limitations of the waiver of immunity, as set forth in Florida Statutes § 768.28, or any other statutes, and COUNTY expressly reserves these rights to the full extent allowed by law.

ARTICLE 16. INSURANCE

- A. CONSULTANT shall maintain insurance policies that comply with the Insurance Requirements, attached as **Exhibit "D"**, during the term of this Agreement, including any renewal terms.
- B. Certificates of Insurance and copies of policies evidencing the insurance coverage specified in **Exhibit "D"** shall be filed with the Purchasing Official before the Effective Date of this Agreement. The required certificates shall identify the type of policy, policy number, date of expiration, amount of coverage, companies affording coverage, shall refer specifically to the title of this Agreement, and shall name Manatee County as an additional insured. No changes shall be made to the insurance coverage without prior written approval by COUNTY's Risk Management Division.
- C. Insurance shall remain in force for at least three (3) years after completion of services under this Agreement in the amounts and types of coverage as required by Exhibit "D", including coverage for all products and services completed under this Agreement.
- D. If the initial insurance expires prior to the termination of this Agreement, renewal

Certificates of Insurance and required copies of policies shall be furnished by CONSULTANT and delivered to the Purchasing Official thirty (30) days prior to the date of their expiration.

- E. Nothing in this Agreement shall be interpreted as a waiver by COUNTY of its rights including the limitations of the waiver of immunity as set forth in Section 768.28, Florida Statutes, or any other statute, and COUNTY expressly reserves these rights to the full extent allowed by law.

ARTICLE 17. LITIGATION SERVICES

If notified by the Office of the County Attorney in writing, CONSULTANT agrees to provide litigation services up to and including the date of the completion of litigation as follows:

- A. Coordinate and communicate directly with the Office of the County Attorney.
- B. Provide any personnel performing services under this Agreement to testify in any litigation proceeding.
- C. Perform litigation services as directed by the Office of the County Attorney that may include but are not limited to:
 - 1. Predisposition, pretrial, or prehearing preparation.
 - 2. Preparation of court exhibits.
 - 3. Attendance and testimony at depositions, pretrial hearings, or other court hearings.
 - 4. Any other services deemed necessary by the assigned attorney to successfully litigate and defend COUNTY's position in court.
- D. Compensation for litigation services shall not exceed CONSULTANT's Fee Rate Schedule specified in **Exhibit "B"**. The hourly billing rates shall contain all costs to include salaries, overhead, general and administrative, incidental expenses, fringe benefits and operating margin.
- E. CONSULTANT's travel expenses will be submitted and paid in accordance with Section 112.061, Florida Statutes, provided prior approval of the travel is obtained from the County Attorney or the County Attorney's designee.
- F. CONSULTANT shall submit monthly statements for litigation services rendered to the Office of the County Attorney for approval, providing detailed accounting sufficient for pre-audit and specifying services performed, the dates of the services, hours expended for each service, the name of the person who performed the service, the service and a breakdown of approved expenses incurred with all receipts and invoices attached.

ARTICLE 18. LEGAL RESTRAINTS AND LIMITATIONS

CONSULTANT acknowledges that COUNTY is subject to restraints, limitations, regulations and controls imposed or administered pursuant to numerous applicable laws, ordinances, rules and regulations of federal, state, regional and certain local governmental agencies or authorities. All services rendered or performed by CONSULTANT pursuant to the provisions of this Agreement, as amended, shall be in compliance with all applicable local, state and federal laws and ordinances.

ARTICLE 19. SOLICITATION OF AGREEMENT

CONSULTANT warrants that it has not employed or retained any company or person other than a bona fide employee working solely for CONSULTANT to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person other than an employee working solely for CONSULTANT, any fee, commission, percentage, brokerage fee, gift, contingent fee, or any other consideration contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, COUNTY shall have the right to annul this Agreement without liability, or at its discretion, to deduct from the Agreement price or consideration or otherwise recover the full amount of such fee, commission, percentage, brokerage fee, gifts, or contingent fee.

ARTICLE 20. NON-DISCRIMINATION

CONSULTANT shall not discriminate against any employee or applicant for employment because of race, color, sex, creed, national origin, disability or age, and will take affirmative action to ensure that all employees and applicants are afforded equal employment opportunities without discrimination because of race, color or national origin. Such action will be taken with reference to, but shall not be limited to, recruitment, employment, job assignment, promotion, upgrading, demotion, transfer, layoff or termination, rates of training or retraining (including apprenticeship and on-the-job training).

No person in the United States shall, on the grounds of race, color or national origin be excluded from participation in, be denied the proceeds of, or be subject to discrimination in the performance of this Agreement.

ARTICLE 21. ASSIGNMENT AND SUBCONTRACTS

COUNTY has selected CONSULTANT for its stated skills and abilities, as outlined in the Request for Proposal process. CONSULTANT has represented to COUNTY that it has the in-house capabilities, resources and expertise to perform the services required by this Agreement. Therefore, CONSULTANT shall not assign or transfer any right or duty under this Agreement to any other party without the prior written consent of COUNTY. In the unlikely event CONSULTANT asserts it is necessary to utilize the services of third parties to perform any service under this Agreement, CONSULTANT shall first obtain prior written approval of COUNTY. Approval to utilize any third party shall not relieve CONSULTANT from any direct

liability or responsibility to COUNTY pursuant to the provisions of this Agreement, or obligate COUNTY to make any payments other than payments due to CONSULTANT as outlined in this Agreement.

ARTICLE 22. OWNERSHIP AND SALE OF RIGHTS; SUCCESSORS BOUND

The identity of the person or the entity, if not an individual, who or which shall be the owner or holder of the rights granted under this Agreement is very important to COUNTY. Therefore, in addition to the limitations of Article 14 above, CONSULTANT shall not, without prior written consent of COUNTY, sell, pledge, transfer or otherwise encumber this Agreement, or the rights granted therein, to any third party. Assignment, pledging, sale, transferring, or encumbering of any interest in or under this Agreement or the rights thereunder, to anyone other than the CONSULTANT, without the prior written consent of COUNTY, shall be grounds for immediate termination of this Agreement. All terms and conditions of this Agreement shall extend to and be binding on any approved purchaser, assignee, or other successor in interest.

ARTICLE 23. CERTIFICATION OF NON-PAYMENT OF COMMISSION OR GIFT

CONSULTANT warrants that it has not employed or retained any company or person other than a bona fide employee working solely for CONSULTANT to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person other than an employee working solely for CONSULTANT, any fee, commission, percentage, brokerage fee, gift, contingent fee, or any other consideration contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, COUNTY shall have the right to annul this Agreement, without liability or at its discretion to deduct from the contract price consideration or otherwise recover the full amount of such fee, commission, percentage, brokerage fee, gifts, or contingent fee.

ARTICLE 24. KEY PERSONNEL

The following key personnel are hereby assigned to this Agreement by CONSULTANT:

David Morano, Project Manager, david.morano@evoqua.com, (941) 320-5828

CONSULTANT shall not remove such key personnel from providing the services contemplated by this Agreement; provided, however, that the removal of such personnel due to their incapacity, voluntary termination, or termination due to just cause will not constitute a violation of this Agreement. The County will require that, at a minimum, any proposed replacement have equal or greater qualifications and experience as the key personnel being replaced. CONSULTANT shall not make any personnel changes of the key personnel until written notice is made to and approved by the COUNTY.

ARTICLE 25. SUB-CONSULTANTS

It is expected that CONSULTANT shall have standard in-house capability to provide all the services required by this Agreement. However, should CONSULTANT find it necessary to call

upon the services of sub-consultants, CONSULTANT shall utilize the sub-consultant's fees specified in **Exhibit "B"**. CONSULTANT shall also require each sub-consultant to adhere to applicable provisions of this Agreement. The utilization of any sub-consultant by CONSULTANT shall not relieve CONSULTANT from any liability or responsibility to COUNTY pursuant to the provisions of this Agreement, as amended, or obligate COUNTY to the payment of any compensation to the sub-consultant or additional compensation to CONSULTANT. CONSULTANT is required to notify COUNTY of any replacements or additions to **Exhibit "B"** and receive prior written approval of COUNTY for replacements or additions before the use of the sub-consultant.

ARTICLE 26. NOTICES

All notices, requests and authorizations provided for herein shall be in writing and shall be delivered by hand or mailed through the U.S. Mail, addressed as follows:

To COUNTY: Manatee County Government, Utilities Dept., Wastewater Division
Attn: Jeff Goodwin
4410 66th Street W.
Bradenton, FL 34210
Phone: (941) 792-8811
Email: jeff.goodwin@mymanatee.org

To CONSULTANT: Evoqua Water Technologies
Attn: David Morano
2650 Tallevast Rd
Sarasota, FL 34243
Phone: (941) 320-5828
Email: david.morano@evoqua.com

ARTICLE 27. PROFESSIONAL LIABILITY

To the fullest extent allowed by law, the individuals performing professional services pursuant to this Agreement shall be personally liable for negligent acts or omissions. To the fullest extent allowed by law, CONSULTANT shall likewise be liable for negligent acts or omissions in the performance of professional services pursuant to this Agreement.

ARTICLE 28 RELATIONSHIP OF PARTIES

The relationship of CONSULTANT to COUNTY shall be that of an independent contractor. Nothing herein contained shall be construed as vesting or delegating to CONSULTANT or any of the officers, employees, personnel, agents, or sub-consultants of CONSULTANT any rights, interest or status as an employee of COUNTY. COUNTY shall not be liable to any person, firm or corporation that is employed by Agreements or provides goods or services to CONSULTANT in connection with the Agreement or for debts or claims accruing to such parties. CONSULTANT shall promptly pay, discharge or take such action as may be necessary and reasonable to settle such debts or claims.

ARTICLE 29. NO CONFLICT

By accepting award of this Agreement, CONSULTANT, which shall include its directors, officers and employees, represents that it presently has no interest in and shall acquire no interest in any business or activity which would conflict in any manner with the performance of duties or services required hereunder.

ARTICLE 30. ETHICAL CONSIDERATIONS

CONSULTANT recognizes that in rendering the services pursuant to the provisions of this Agreement, CONSULTANT is working for the residents of Manatee County, Florida, subject to public observation, scrutiny and inquiry; and based upon said recognition CONSULTANT shall, in all of its relationships with COUNTY pursuant to this Agreement, conduct itself in accordance with all of the recognized applicable ethical standards set by any related national societies, and the reasonable traditions to perform the services. CONSULTANT shall be truthful in its communications with COUNTY personnel regarding matters pertaining to this Agreement and the scope of services rendered to COUNTY.

ARTICLE 31. PUBLIC ENTITY CRIMES

CONSULTANT has been made aware of the Florida Public Entity Crimes Act, § 287.133, Florida Statutes, specifically section 2(a), and COUNTY's requirement that CONSULTANT comply with it in all respects prior to and during the term of this Agreement.

ARTICLE 32. SEVERABILITY

It is understood and agreed by the Parties hereto that if any part, term or provision of this Agreement is held to be illegal or in conflict with any law, the validity of the remaining portions or provisions shall not be affected, and the rights and obligations of the Parties shall be construed and enforced as if the Agreement did not contain the particular part, term or provision held to be invalid.

ARTICLE 33. HEADINGS, CONSTRUCTION

The Parties agree that they have each participated in the drafting of this Agreement and that the rules with respect to construing ambiguities against the drafter of a contract shall not apply in any action or litigation regarding this Agreement. All articles and descriptive headings of paragraphs of this Agreement are inserted for convenience only and shall not affect the construction or interpretation hereof.

ARTICLE 34. TAXES

COUNTY is exempt from Federal Excise and State Sales Taxes (F.E.T. Exemption Certificate No. 59-78-0089K; FL Sales Tax Exemption Certificate No. 51-02-027548-53C). Therefore, CONSULTANT is prohibited from charging or imposing any sales or service taxes. Nothing herein shall affect CONSULTANT's normal tax liability.

CONSULTANT shall be responsible for payment of federal, state, and local taxes which may be imposed upon CONSULTANT under applicable law to the extent that CONSULTANT is responsible for the payment of same under applicable law.

ARTICLE 35. FORCE MAJEURE

Neither Party shall be considered in default in performance of its obligations hereunder to the extent that performance of such obligations or any of them is delayed or prevented by Force Majeure.

Force Majeure shall include, but not be limited to, hostility, revolution, civil commotion, strike, epidemic, accident, fire, flood, wind, earthquake, hurricane, explosion, lack of or failure of transportation facilities, any law, proclamation, regulation, ordinance or other act of government, or any act of God or any cause whether of the same or different nature, existing or future; provided that the cause, whether or not enumerated in this Article, is beyond the control and without the fault or negligence of the Party seeking relief under this Article.

ARTICLE 36. LEGAL REFERENCES

All references to statutory sections or chapters shall be construed to include subsequent amendments to such provisions, and to refer to the successor provision of any such provision. References to "applicable law" and "general law" shall be construed to include provisions of local, state and federal law, whether established by legislative action, administrative rule or regulation, or judicial decision.

ARTICLE 37. GOVERNING LAW, JURISDICTION AND VENUE

This Agreement shall be governed by the laws of the State of Florida. Any action filed regarding this Agreement will be filed only in Manatee County, Florida, or if in Federal Court, the Middle District of Florida, Tampa Division.

ARTICLE 38. ATTORNEY FEES

In the event of any litigation arising under the terms of this Agreement, each Party shall be responsible for their own attorney's fees, including appellate fees, regardless of the outcome of the litigation.

ARTICLE 39. PATENT AND COPYRIGHT RESPONSIBILITY

Any material, design or supplied specified by CONSULTANT or supplied by CONSULTANT pursuant to this Agreement shall not knowingly infringe any patent or copyright, and CONSULTANT shall be solely responsible for securing any necessary licenses required for patented or copyrighted material utilized by CONSULTANT in the performance of the Professional Corrosion and Odor Control Services.

ARTICLE 40. NO THIRD-PARTY BENEFICIARIES

This Agreement is solely for the benefit of the Parties hereto, and no right, privilege, or cause of action shall by reason hereof accrue upon, to, or for the benefit of any third party. Nothing in this Agreement is intended or shall be construed to confer upon or give any person, corporation, partnership, trust, private entity, COUNTY, or other governmental entity any right, privilege, remedy, or claim under or by reason of this Agreement or any provisions or conditions hereof.

ARTICLE 41. AMENDMENTS

This Agreement and Exhibits referenced herein constitute the entire Agreement between the Parties with respect to subject matter and mutually agree that no verbal agreements, representations, warranties or other understandings affecting the same exist. No amendment hereof shall be effective until and unless reduced to writing and executed by the Parties. The Parties shall execute any additional documents as may be necessary to implement and carry out the intent of this Agreement.

ARTICLE 42. TIME

For purposes of computing any period of a number of days hereunder for notices or performance of ten (10) days or less, Saturdays, Sundays and holidays shall be excluded unless otherwise stated.

ARTICLE 43. AUTHORITY TO EXECUTE

Each of the Parties hereto covenants to the other Party that it has lawful authority to enter into this Agreement.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement No. 18-TA002693AJ for Corrosion and Odor Control Services to be duly executed by their authorized representatives:


EVOQUA WATER TECHNOLOGIES

By: 

Jennifer R. Miller, V.P. & G.M.
Print Name & Title of Above Signer

Date: 5/10/18

MANATEE COUNTY, a political subdivision of the State of Florida

By: 
Theresa Webb, CPPO, CPPB, CPSM, C.P.M.
Procurement Official

Date: May 22, 2018

**EXHIBIT A
SCOPE OF SERVICES
CALCIUM NITRATE-BASED TREATMENT**

A.01 SCOPE

The Contractor shall furnish the necessary personnel, materials, chemicals, services, permits and licenses, methodology, supplies, and equipment necessary to provide services for the control of corrosion and odor utilizing the requirements and specifications for Calcium Nitrate as applicable for calcium nitrate chemicals, and shall provide vapor phase treatment for nuisance odor issues. Current treatment locations and dosage amounts are identified in Exhibit F. Should it be required and at the County’s discretion, services may be expanded to other locations and service areas during the term of the Contract as the County continues its treatment strategy evaluation.

A.02 GENERAL REQUIREMENTS: OPTION 1: CALCIUM NITRATE

- A. Contractor for Option 1 will provide a calcium nitrate-based treatment strategy for application at specific locations within the County’s wastewater system as shown in Exhibit F, with the exception of the locations identified below in Table 1.

Table 1

North Service Area Magnesium Hydroxide Treatment Locations		
Lift Station Name	Lift Station RTU	Treatment Type
Colony Cove #8	524	Mag Hydroxide
Jail/Stockade	565	Mag Hydroxide
N2B	548	Mag Hydroxide
N4B	550	Mag Hydroxide
River Wilderness 4	532	Mag Hydroxide

- B. Contractor shall provide all new storage and dosing equipment at the beginning of the Contract term and replacement, of equipment, as applicable, throughout the Contract term.
- C. All storage and dosing equipment provided by Contractor shall be compatible with the material being stored and pumped
- D. All storage and dosing equipment provided by Contractor shall meet all Manatee County, State of Florida, and Federal laws, rules and regulations.
- E. Contractor shall provide double contained storage tanks at all dosing locations that are 1000 gallon or greater size, based on the site and County requirements.
- F. Upon request by the County, Contractor shall provide tertiary containment at certain locations. NOTE: The County reserves the right to upgrade or increase the storage capacity or the type of control system at any site at any time during the term of Contract.
- G. Contractor shall be responsible for installation and maintenance of the storage and delivery systems and all associated piping and appurtenances during the term of the Contract.

- H. Contractor shall be responsible for obtaining all County required construction permits, drawings and schematics necessary for the installation of the storage and delivery system. All plans and schematics provided by Contractor shall be stamped by a licensed engineer registered in the State of Florida.
- I. Contractor shall provide gas phase hydrogen sulfide monitoring for key corrosion and odor control points. Note: Due to the length of time treatment systems at most locations have been in place, pretreatment H₂S baseline levels are no longer available.
- J. Contractor shall provide service at intervals not to exceed fifteen (15) calendar days for any site and scheduled service visits shall include, at a minimum, the following:
 - i. Control point gas phase hydrogen sulfide (H₂S) emissions
 - ii. Control point temperature measurement
 - iii. Scheduled preventative maintenance on storage tanks and dosing system as per manufacturer's recommendations
 - iv. Chemical feed rate adjustment (if necessary)
- K. Contractor shall establish a monthly communication link with County personnel as determined by the Wastewater Division Manager of the Manatee County Utilities Department. The County shall have final approval of ongoing corrosion/odor control planning and adjustment process as wastewater collection/treatment systems expand and as evaluation of the systems by the County continues.
- L. Contractor shall provide an organizational seminar regarding its services and introduce its staff members to the County representatives within thirty (30) days after contract award.
- M. Contractor shall hold at least one (1) yearly workshop for County employees at a County designated location to describe the latest techniques in odor and corrosion control treatment, as well as safe handling techniques of chemical products. An agenda and detailed outline of topics for the workshop shall be provided to the County at least thirty (30) days prior to each workshop as agreed to by the County.
- N. Contractor shall be fully responsible for conforming to all requirements regarding handling, hauling, spill reporting and disposal of chemicals for the control services provided at each County work site in accordance with OSHA regulations and those that may be mandated by federal or State Governments.
- O. Contractor shall be fully responsible for the control of the environment of the work site during on-site operations. All precautions shall be taken by the Contractor to protect the workers, public and County staff, from any exposure to harmful or hazardous substances within the sewer system and from dangerous work materials and equipment.
- P. Contractor shall be fully responsible for the operation of their vehicles and handling of all materials related to the corrosion and odor control services at all locations within the County.

- Q. Contractor shall inform the County of its planned work schedule to include delivery of chemical products and shall afford the County reasonable opportunity to observe and inspect the successful Proposer's work in progress.
- R. Contractor shall provide monthly reports to include complete system overview with total chemical usage and pH and gas phase hydrogen sulfide monitoring data for that month.
- S. Upon request by the County, Contractor shall provide the following services at no additional cost: Coordination and facilitation of meetings with County staff to update operational agreements too include, but not limited to, protocols, training, system repairs, adjustments, targeted goals and program oversight. Includes participation in meetings deemed necessary by the County to address corrosion/odor control program needs.
- T. Contractor shall provide 24 hours per day, 7 days per week service and shall maintain adequate, service technicians, chemicals, equipment, and supplies to be on site to respond to odor problems, equipment problems, and emergency situations as follows: same-day onsite response to standard requests and four-hour onsite response to emergency requests.

A.03 TECHNICAL REQUIREMENTS CALCIUM NITRATE

- A. Contractor shall, based upon treatment and budgetary objectives established by the Utilities Department, and as directed by of the Utilities Department, refine and adjust the existing corrosion/odor control program. Treatment strategies must emphasize prevention/minimization of hydrogen sulfide production in the system where practical (as opposed to treating for odor after hydrogen sulfide formation has occurred). The treatment program shall include, but not be limited to, expanding services to wastewater treatment plants and designated pumping stations.
- B. The material supplied shall be an aqueous solution of calcium nitrate containing a minimum of 3.5 pounds of nitrate-oxygen per gallon.
- C. The calcium nitrate solution shall be capable of reducing the dissolved hydrogen sulfide concentration in wastewater to 0.1 mg/L or less.
- D. The calcium nitrate solution shall be free of any objectionable odor producing compounds

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Exhibit B

Fees

B.01 Calcium Nitrate FEES

OPTION 1: CALCIUM NITRATE

Fees for the chemicals listed as follows:

Description	Unit of Measure	Unit Cost
Chemical, Calcium Nitrate	Gallon	\$2 .35

*The average monthly cost based upon the lift station information, for chemical and proposed services, the estimated monthly cost for each chemical.

\$120,000 per month

This estimated annual cost is based on use of Bioxide@ (calcium nitrate)

B.02 Storage Rental Fees

Storage and dosing equipment rental rates apply for new systems only. If existing ¹ like new systems are accepted by the County these fees will be waived.

Provide Fees for the proposed services as follows:

Description	Unit of Measure	Unit Cost
Rental Fee for Storage and Dosing Equipment	Month	\$710 Single Wa11 ² \$971.00 Double Wa11 ²
Rental Fee for Vapor Phase Treatment (CaNO3 only)	Month	See Attached ³
On-going Equipment Maintenance Services	Month	Included

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B.03 CHEMICAL /BIOLOGICAL PRODUCTS

All product prices with this section include delivery, application equipment, ongoing maintenance, technical evaluations/support service and technology licenses.

ITEM #	DESCRIPTION	PRICE
1	Bioxide	\$2.35/ gallon
2	Bioxide Plus 71	\$3.48/ gallon
3	Bioxide AE	\$2.72/ gallon
4	Odophos	\$0.76/ gallon
5	Odophos Plus	\$1.40/ gallon
6	Ferric Sulfate 9%	\$1.43/ gallon
7	PRI-SC Odophos	\$0.88/ gallon
8	PRI-SC Odophos Plus	\$1.68/ gallon
9	PRI-SC Ferric Sulfate 9%	\$1.72/ gallon
10	50% Hydrogen Peroxide	\$0.44/pound
11	PRISC Peroxide	\$0.51/ pound
12	VX456 Bulk Tanker	\$1.20/ pound
13	VX-456 Tote	\$1.52/ pound
14	Aktivox Bulk Tanker	\$0.90/ pound
15	Aktivox (Tote)	\$1.22/ pound
16	Textone L	\$0.84/ pound
17	AQuit	\$16.50/ pound
18	Alkagen AQ (formerly "Alk AQuit 25")	\$1.46/ gallon
19	Sodium Hydroxide 25%	\$2.35/ gallon
20	Sodium Hydroxide 50%	\$5.08/ gallon
21	Sodium H Hypochlorite	\$2.25/ gallon

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B.04 New Vapor Phase Systems

A mobilization fee of 2 times the monthly fee shall apply for all units. A de-mobilization fee of 2 times the monthly fee shall apply for all units removed prior to 36 months.

If a chemical scrubber is required, all chemicals used by the scrubber will be charged in addition to the monthly BOO/Rental.

New Vapor Phase Systems Monthly Cost

ITEM NO.	DESIGN AIR FLOW (cfm)	AVERAGE DESIGN HS CONCENTRATION (ppmv)			
		A <10	B. 10-150	C. 150-300	D. 300-500
1	Natural Draft	\$135	\$726		
2	0-75	\$681	\$864		
3	0-140	\$959	\$1,432	\$1,695	\$2,448
4	0-280	\$1,098	\$1,568	\$2,448	\$3,925
5	0-600	\$1,635	\$2,218	\$3,726	\$4,460
6	0-850	\$2,376	\$3,161	\$4,070	\$4,871
7	0-1150	\$2,612	\$3,472	\$4,312	\$5,372
8	0-1500	\$2,988	\$3,925	\$4,871	\$5,960
9	0-2000	\$3,294	\$4,125	\$5,845	\$6,829
10	0-3000	\$3,920	\$4,675	\$5,829	\$6,829
11	0-4000	\$4,373	\$5,372	\$8,175	\$11,550
12	0-5000	\$4,829	\$5,505	\$8,950	\$14,249
13	0-8000	\$7,480	\$8,400	\$11,445	\$15,700
14	0-12000	\$10,835	\$11,550	\$14,249	\$19,675
15	0-15000	\$11,772	\$12,880	\$22,258	
16	0-18000	\$14,538	\$15,216	\$23,663	

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B.05 Existing Vapor Phase Systems

The following table represents monthly cost for existing installations installed in Manatee County prior to July 1, 2018.

If a chemical scrubber is required, all chemicals used by the scrubber will be charged in addition to the monthly BOO/Rental.

Existing Vapor Phase Systems (Installed before July 1, 2018)

ITEM NO.	DESIGN AIR FLOW (cfm)	AVERAGE DESIGN HS CONCENTRATION (ppmv)			
		A <10	B. 10-150	c. 150-300	D. 300-500
1	Natural Draft	\$125	\$300		
2	0-75	\$506	\$693		
3	0-140	\$880	\$1,290	\$1,425	\$1,980
4	0-280	\$980	\$1,425	\$1,980	\$2,900
5	0-600	\$1,500	\$1,980	\$2,900	\$3,275
6	0-850	\$2,200	\$2,900	\$3,100	\$3,750
7	0-1150	\$2,600	\$3,100	\$3,275	\$4,250
8	0-1500	\$2,850	\$3,275	\$3,750	\$4,700
9	0-2000	\$3,050	\$3,750	\$4,250	\$5,050
10	0-3000	\$3,500	\$4,250	\$4,700	\$7,500
11	0-4000	\$3,975	\$4,700	\$5,050	\$10,500
12	0-5000	\$4,350	\$5,050	\$7,500	\$11,500
13	0-8000	\$6,800	\$7,500	\$10,500	\$13,960
14	0-12000	\$9,850	\$10,500	\$11,500	\$21,000
15	0-15000	\$10,800	\$11,500	\$13,960	
16	0-18000	\$12,980	\$13,960	\$21,000	

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B.06 Internet access to Data

The following services are offered for projects that do not include provision of technologies or services from Evoqua that are found elsewhere in this contract.

These charges will not apply if these services are provided in conjunction with Evoqua technologies.

The monthly fee includes Internet access to data.

VaporLink H2S Monitor	\$360/month
Advanced Dosing Controller and Monitor	\$450/month

B.07 Hourly Fee Schedule

The following hourly rates are for projects that do not include provision of technologies or services from Evoqua that are found elsewhere in this contract.

The charges will not apply if services are provided in conjunction with Evoqua technologies or investigation of new odor and corrosion applications

Fee Rate by Discipline:

JOB TITLE	Per hour
Project Manager	\$200
Project Coordinator	\$175
Project Specialist Financial (Compliance/Data)	\$150
Senior Project Manager	\$225
Principal Engineer Professional Engineer	\$250
Project Engineer	\$200
Administrative Assistant/Clerical	\$125
Field Crew (per person)	\$150

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EXHIBIT "C"

AFFIDAVIT OF NO CONFLICT

AGREEMENT No. 18-TA002693AJ

STATE OF FLORIDA

COUNTY OF Manatee

BEFORE ME, the undersigned authority, personally appeared Jennifer R. Miller, as V.P. & G.M. of Sarasota, Florida, with full authority to bind Evoqua Water Technologies LLC (hereinafter "CONSULTANT"), who being first duly sworn, deposes and says that
CONSULTANT:

(a) Is not currently engaged and will not become engaged in any obligations, undertakings or contracts that will require CONSULTANT to maintain an adversarial role against the County or that will impair or influence the advice, recommendations or quality of work provided to the County; and

(b) Has provided full disclosure of all potentially conflicting contractual relationships and full disclosure of contractual relationships deemed to raise a question of conflict(s); and

(c) Has provided full disclosure of prior work history and qualifications that may be deemed to raise a possible question of conflict(s).

Affiant makes this Affidavit for the purpose of inducing Manatee County, a political subdivision of the State of Florida, to enter into this Agreement No. 18-TA002693AJ for Corrosion and Odor Control Services.

DATED this 10 day of May, 18 .

J. Miller
Signature

The foregoing instrument was sworn to and acknowledged before me this 10 day of May, 2018, by Jennifer R. Miller, as V.P. & G.M. of Evoqua Water Technologies LLC He/she is personally known to me or has produced Personally Known as identification.

Sheri Lynn Whalen
Notary Public, State of Florida at Large

Commission No. GG 025129

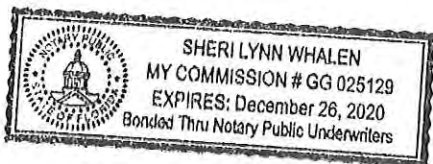


EXHIBIT D
INSURANCE AND BOND REQUIREMENTS
CORROSION AND ODOR CONTROL SERVICES
SOLICITATION NO. RFP 18-TA002693AJ

Work under the resulting Agreement cannot commence until all insurance coverages indicated herein have been obtained. The cost for insurance coverages is the sole responsibility of successful Proposer. The Successful Proposer shall obtain and submit to the Procurement Division within ten (10) calendar days from the date of notice of intent to award, proof the following minimum amounts of insurance on a standard ACORD form (inclusive of any amounts provided by an umbrella or excess policy):

<u>STANDARD INSURANCES</u>	<u>REQUIRED LIMITS</u>
<p>1. <input checked="" type="checkbox"/> Automobile Liability Insurance:</p>	<p>Coverage must be afforded under a per occurrence policy form including coverage for all owned, hired and non-owned vehicles for bodily injury and property damage of not less than:</p> <ul style="list-style-type: none"> • \$ <u>1,000,000</u> Combined Single Limit; OR • \$ <u>500,000</u> Bodily Injury and \$ <u>500,000</u> Property Damage • \$ <u>10,000</u> Personal Injury Protection (No Fault) • \$ <u>500,000</u> Hired, Non-Owned Liability • \$ <u>10,000</u> Medical Payments <p><i>This policy shall contain severability of interests' provisions.</i></p>
<p>2. <input checked="" type="checkbox"/> Commercial General Liability Insurance: <i>(Per Occurrence form only; claims-made form is not acceptable)</i></p>	<p>Coverage shall be afforded under a per occurrence policy form, policy shall be endorsed and name "Manatee County, a political subdivision of the State of Florida" as an Additional Insured, and include limits not less than:</p> <ul style="list-style-type: none"> • \$ <u>1,000,000</u> Single Limit Per Occurrence • \$ <u>2,000,000</u> Aggregate • \$ <u>1,000,000</u> Products/Completed Operations Aggregate • \$ 1,000,000 Personal and Advertising Injury Liability • \$ 50,000 Fire Damage Liability • \$ <u>10,000</u> Medical Expense, and • \$ <u>1,000,000</u>, Third Party Property Damage • \$ _____ Project Specific Aggregate (Required on projects valued at over \$<u>10,000,000</u>) <p><i>This policy shall contain severability of interests' provisions.</i></p>
<p>3. <input checked="" type="checkbox"/> Employer's Liability Insurance</p>	<p>Coverage limits of not less than:</p> <ul style="list-style-type: none"> • \$<u>100,000</u> Each Accident • \$<u>100,000</u> Disease Each Employee • \$<u>500,000</u> Disease Policy Limit
<p>4. <input checked="" type="checkbox"/> Worker's Compensation Insurance</p>	<p>Coverage limits of not less than:</p> <ul style="list-style-type: none"> • Statutory workers' compensation coverage shall apply for all

<input type="checkbox"/> US Longshoremen & Harbor Workers Act Coverage <input type="checkbox"/> Jones Act Coverage	<p>employees in compliance with the laws and statutes of the State of Florida and the federal government.</p> <ul style="list-style-type: none"> If any operations are to be undertaken on or about navigable waters, coverage must be included for the US Longshoremen & Harbor Workers Act and Jones Act. <p>Should 'leased employees' or subcontractors be retained for any part of the project or service, the employee leasing agency or contractor shall provide evidence of Workers' Compensation coverage and Employer's Liability coverage for all personnel on the worksite and in compliance with the above Workers' Compensation requirements.</p> <p>NOTE: Workers' Compensation coverage is a firm requirement. Elective exemptions are considered on a case-by-case basis and are approved in a very limited number of instances.</p>
<u>OTHER INSURANCES</u>	<u>REQUIRED LIMITS</u>
5. <input type="checkbox"/> Aircraft Liability Insurance	<p>Coverage shall be afforded under a per occurrence policy form, policy shall be endorsed and name "Manatee County, a political subdivision of the State of Florida" as an Additional Insured, and include limits not less than:</p> <ul style="list-style-type: none"> \$ _____ Each Occurrence Property and Bodily Injury with no less than <u>\$100,000</u> per passenger each occurrence or a 'smooth' limit. \$ _____ General Aggregate
6. <input type="checkbox"/> Unmanned Aircraft Liability Insurance (Drone)	<p>Coverage shall be afforded under a per occurrence policy form, policy shall be endorsed and name "Manatee County, a political subdivision of the State of Florida" as an Additional Insured, and include limits not less than:</p> <ul style="list-style-type: none"> \$ _____ Each Occurrence Property and Bodily Injury; Coverage shall specifically include operation of Unmanned Aircraft Systems (UAS), including liability and property damage. \$ _____ General Aggregate
7. <input checked="" type="checkbox"/> Installation Floater Insurance	<p>When the contract or agreement does not include construction of, or additions to, above ground building or structures, but does involve the installation of machinery or equipment, Installation Floater Insurance shall be afforded under a per occurrence policy form, policy shall be endorsed and name "Manatee County, a political subdivision of the State of Florida" as an Additional Insured, and include limits not less than:</p> <ul style="list-style-type: none"> 100% of the completed value of such addition(s), building(s), or structure(s)
8. <input type="checkbox"/> Professional Liability and/or Errors and Omissions (E&O) Liability Insurances	<p>Coverage shall be afforded under either an occurrence policy form or a claims-made policy form. If the coverage form is on a claims-made basis, then coverage must be maintained for a minimum of three years from termination of date of the contract. Limits must not be less than:</p>

	<ul style="list-style-type: none"> • \$ _____ Bodily Injury and Property Damage Each Occurrence • \$ _____ General Aggregate
<p>9. <input type="checkbox"/> Builder's Risk Insurance</p>	<p>When the contract or agreement includes the construction of roadways and/or the addition of a permanent structure or building, including the installation of machinery and/or equipment, Builder's Risk Insurance shall be afforded under a per occurrence policy form, policy shall be endorsed and name "Manatee County, a political subdivision of the State of Florida" as an Additional Insured, and include limits not less than:</p> <ul style="list-style-type: none"> • An amount equal to 100% of the completed value of the project, or the value of the equipment to be installed • The policy shall not carry a self-insured retention/deductible greater than \$10,000 <p>Coverage shall be for all risks and include, but not be limited to, storage and transport of materials, equipment, supplies of any kind whatsoever to be used on or incidental to the project, theft coverage, and Waiver of Occupancy Clause Endorsement, where applicable.</p>
<p>10. <input type="checkbox"/> Cyber Liability Insurance</p>	<p>Coverage shall comply with Florida Statute 501.171, shall be afforded under a per occurrence policy form, policy shall be endorsed and name "Manatee County, a political subdivision of the State of Florida" as an Additional Insured, and include limits not less than:</p> <ul style="list-style-type: none"> • \$ _____ Security Breach Liability • \$ _____ Security Breach Expense Each Occurrence • \$ _____ Security Breach Expense Aggregate • \$ _____ Replacement or Restoration of Electronic Data • \$ _____ Extortion Threats • \$ _____ Business Income and Extra Expense • \$ _____ Public Relations Expense <p>NOTE: Policy must not carry a self-insured retention/deductible greater than <u>\$25,000</u>.</p>
<p>11. <input checked="" type="checkbox"/> Hazardous Materials Insurance (As Noted)</p> <p>*Pollution Liability is required for RFP 18-TA002693AJ only if a hazardous material, as defined by State of Florida or federal government, is used.</p>	<p>Hazardous materials include all materials and substances that are currently designated or defined as hazardous by the law or rules of regulation by the State of Florida or federal government.</p> <p>All coverage shall be afforded under either an occurrence policy form or a claims-made policy form, and the policy shall be endorsed and name "Manatee County, a political subdivision of the State of Florida" as an Additional Insured. If the coverage form is on a claims-made basis, then coverage must be maintained for a minimum of three years from termination of date of the contract. Limits must not be less than:</p> <p><input checked="" type="checkbox"/> Pollution Liability</p>

	<ul style="list-style-type: none"> • Amount equal to the value of the contract, subject to a <u>\$1,000,000</u> minimum, for Bodily Injury and Property Damage to include sudden and gradual release, each claim and aggregate. <p><input type="checkbox"/> Asbestos Liability (If handling within scope of Contract)</p> <ul style="list-style-type: none"> • Amount equal to the value of the contract, subject to a <u>\$1,000,000</u> minimum, for Bodily Injury and Property Damage to include sudden and gradual release, each claim and aggregate. <p><input type="checkbox"/> Disposal</p> <p>When applicable, Successful Proposer shall designate the disposal site and furnish a Certificate of Insurance from the disposal facility for Environmental Impairment Liability Insurance covering liability.</p> <ul style="list-style-type: none"> • Amount equal to the value of the contract, subject to a <u>\$1,000,000</u> minimum, for Liability for Sudden and Accidental Occurrences, each claim and an aggregate. • Amount equal to the value of the contract, subject to a <u>\$1,000,000</u> minimum, for Liability for Non-Sudden and Accidental Occurrences, each claim and an aggregate.
<p>12. <input type="checkbox"/> Hazardous Waste Transportation Insurance</p>	<p>Successful Proposer shall designate the hauler and have the hauler furnish a Certificate of Insurance for Automobile Liability insurance with Endorsement MCS-90 for liability arising out of the transportation of hazardous materials. EPA identification number shall be provided.</p> <p>All coverage shall be afforded under either an occurrence policy form or a claims-made policy form and the policy shall be endorsed and name "Manatee County, a political subdivision of the State of Florida" as an Additional Insured. If the coverage form is on a claims-made basis, then coverage must be maintained for a minimum of three years from termination of date of the contract. Limits must not be less than:</p> <ul style="list-style-type: none"> • Amount equal to the value of the contract, subject to a <u>\$1,000,000</u> minimum, per accident.
<p>13. <input type="checkbox"/> Liquor Liability Insurance</p>	<p>Coverage shall be afforded under a per occurrence policy form, policy shall be endorsed and name "Manatee County, a political subdivision of the State of Florida" as an Additional Insured, and include limits not less than:</p> <ul style="list-style-type: none"> • <u>\$1,000,000</u> Each Occurrence and Aggregate

<p>14. <input type="checkbox"/> Garage Keeper's Liability Insurance</p>	<p>Coverage shall be required if the maintenance, servicing, cleaning or repairing of any County motor vehicles is inherent or implied within the provision of the contract.</p> <p>Coverage shall be afforded under a per occurrence policy form, policy shall be endorsed and name "Manatee County, a political subdivision of the State of Florida" as an Additional Insured, and include limits not less than:</p> <ul style="list-style-type: none"> • Property and asset coverage in the full replacement value of the lot or garage.
<p>15. <input type="checkbox"/> Bailee's Customer Liability Insurance</p>	<p>Coverage shall be required for damage and/or destruction when County property is temporarily under the care or custody of a person or organization, including property that is on, or in transit to and from the person or organization's premises. Perils covered should include fire, lightning, theft, burglary, robbery, explosion, collision, flood, earthquake and damage or destruction during transportation by a carrier.</p> <p>Coverage shall be afforded under a per occurrence policy form, policy shall be endorsed and name "Manatee County, a political subdivision of the State of Florida" as an Additional Insured, and include limits not less than:</p> <ul style="list-style-type: none"> • Property and asset coverage in the full replacement value of the County asset(s) in the Successful Proposer's care, custody and control.
<p>16. <input type="checkbox"/> Hull and Watercraft Liability Insurance</p>	<p>Coverage shall be afforded under a per occurrence policy form, policy shall be endorsed and name "Manatee County, a political subdivision of the State of Florida" as an Additional Insured, and include limits not less than:</p> <ul style="list-style-type: none"> • \$ _____ Each Occurrence • \$ _____ General Aggregate • \$ _____ Fire Damage Liability • \$ <u>10,000</u> Medical Expense, and • \$ _____ Third Party Property Damage • \$ _____ Project Specific Aggregate (Required on projects valued at over \$10,000,000)
<p>17. <input type="checkbox"/> Other (Please Specify)</p>	

BOND REQUIREMENTS

<p>18. <input type="checkbox"/> Bid Bond</p>	<p>A Bid Bond in the amount of \$_____ or _____% of the total offer. Bid bond shall be submitted with the sealed response and shall include project name, location, and / or address and project number.</p> <p>In lieu of the bond, the bidder may file an alternative form of security in the amount of \$_____ or _____% of the total offer. in the form of a money order, a certified check, a cashier's check, or an irrevocable letter of credit issued to Manatee County.</p> <p>NOTE: A construction project over \$200,000 requires a Bid Bond in the amount of 5% of the total bid offer.</p>
<p>19. <input type="checkbox"/> Payment and Performance Bond</p>	<p>A Payment and Performance Bond shall be submitted by Successful Bidder for 100% of the award amount and shall be presented to Manatee County within ten (10) calendar days of issuance of the notice of intent to award.</p> <p>NOTE: A construction project over \$200,000 requires a Payment and Performance Bond.</p>

Approved by Risk: *Ginda D. Klearing* Date: 05/01/2018

INSURANCE REQUIREMENTS

I. THE POLICIES BELOW ARE TO CONTAIN, OR BE ENDORSED TO CONTAIN, THE FOLLOWING PROVISIONS:

1. Commercial General Liability and Automobile Liability Coverages

- a. **“Manatee County, a Political Subdivision of the State of Florida,” is to be named as an Additional Insured in respect to:** Liability arising out of activities performed by or on behalf of the Successful Proposer, his agents, representatives, and employees; products and completed operations of the Successful Proposer; or automobiles owned, leased, hired or borrowed by the Successful Proposer. The coverage shall contain no special limitation(s) on the scope of protection afforded to the County, its officials, employees or volunteers.

In addition to furnishing a Certificate of Insurance, the Successful Proposer shall provide the endorsement that evidences Manatee County being listed as an Additional Insured. This can be done in one of two ways: (1) an endorsement can be issued that specifically lists “Manatee County, a Political Subdivision of the State of Florida,” as Additional Insured; or, (2) an endorsement can be issued that states that all Certificate Holders are Additional Insured with respect to the policy.

- b. The Successful Proposer's insurance coverage shall be primary insurance with respect to the County, its officials, employees and volunteers. Any insurance or self-insurance maintained by the County, its officials, employees or volunteers shall be excess of Successful Proposer's insurance and shall be non-contributory.
- c. The insurance policies must be on an occurrence form, unless specifically noted otherwise.

2. Workers' Compensation and Employers' Liability Coverages

The insurer shall agree to waive all rights of subrogation against the County, its officials, employees and volunteers for losses arising from work performed by the Successful Proposer for the County.

II. GENERAL INSURANCE PROVISIONS APPLICABLE TO ALL POLICIES:

1. Prior to the execution of contract, or issuance of a Purchase Order, and then annually upon the anniversary date(s) of the insurance policy's renewal date(s) for as long as this contract remains in effect, Successful Proposer shall furnish the County with a Certificate(s) of Insurance (using an industry accepted certificate form, signed by the Issuer, with applicable endorsements, and containing the solicitation or contract number, and title or description) evidencing the coverage set forth above and naming “Manatee County, a Political Subdivision of the State of Florida” as an Additional Insured on the applicable coverage(s) set forth above. In addition, when requested in writing from the County, Successful Proposer will provide the County with a certified copy of all applicable insurance policies. The address where such certificates and certified policies shall be sent or delivered is as follows unless otherwise provided:

Manatee County, a Political Subdivision of the State of Florida
Attn: Purchasing Division - Procurement
1112 Manatee Avenue West
Bradenton, FL 34205

2. The project's solicitation number and title shall be listed on each Certificate of Insurance or policy.
 3. If the policy contains an aggregate limit, confirmation is needed in writing (letter, email, etc.) that the aggregate limit has not been eroded to procurement representative when supplying Certificate of Insurance.
 4. Successful Proposer shall provide thirty (30) days written notice of any cancellation, non-renewal, termination, material change, or reduction in coverage of any insurance policies to procurement representative including solicitation number and title with all notices.
 5. Successful Proposer agrees that should at any time Successful Proposer fail to meet or maintain the required insurance coverage(s) as set forth herein, the County may terminate this contract.
 6. The Successful Proposer waives all subrogation rights against Manatee County, a Political Subdivision of the State of Florida, for all losses or damages which occur during the contract and for any events occurring during the contract period, whether the suit is brought during the contract period or not.
 7. The Successful Proposer has sole responsibility for all insurance premiums and policy deductibles.
 8. It is the Successful Proposer's responsibility to ensure that his agents, representatives and subcontractors comply with the insurance requirements set forth herein. Successful Proposer shall include his agents, representatives, and subcontractors working on the project or at the worksite as insured under its policies, or Successful Proposer shall furnish separate certificates and endorsements for each agent, representative, and subcontractor working on the project or at the worksite. All coverages for agents, representatives, and subcontractors shall be subject to all the requirements set forth to the procurement representative.
 9. All required insurance policies must be written with a carrier having a minimum A.M. Best rating of A- FSC VII or better. In addition, the County has the right to review the Successful Proposer's deductible or self-insured retention and to require that it be reduced or eliminated.
- II. Successful Proposer understands and agrees that the stipulated limits of coverage listed herein in this insurance section shall not be construed as a limitation of any potential liability to the County, or to others, and the County's failure to request evidence of this insurance coverage shall not be construed as a waiver of Successful Proposer's obligation to provide and maintain the insurance coverage specified.
- III. Successful Proposer understands and agrees that the County does not waive its immunity and nothing herein shall be interpreted as a waiver of the County's rights, including the limitation of waiver of immunity, as set forth in Florida Statutes 768.28, or any other statutes, and the County expressly reserves these rights to the full extent allowed by law.
- IV. The enclosed Hold Harmless Agreement shall be signed by the Successful Proposer and shall become a part of the contract.

- V. No award shall be made until the Procurement Division has received the Certificate of Insurance and Hold Harmless Agreement in accordance with this section.

INSURANCE STATEMENT

THE UNDERSIGNED has read and understands the insurance requirements applicable to any contract resulting from this solicitation and shall provide the insurances required by this Attachment within ten (10) days from the date of Notice of Intent to Award.

Proposer Name: Evoqua Water Technologies LLC Date: 5/10/18

Signature
(Authorized
Official):



Printed Name/Title: Jennifer R. Miller, V.. & G.M.

Insurance Agency: Willis Towers Watson

Agent Name: Cinday Sopp Agent Phone: 412-863-4776

Return this signed statement with your bid or proposal.

EXHIBIT E
SPECIAL CONDITIONS

1. This Agreement may be amended for four (4) additional periods, each of one (1) year.
2. Compensation payable to Contractor for services rendered and expenditures incurred in providing the services identified in Attachment "A" and Payments Identified in Attachment "B".
3. Compensation to Contractor shall be computed based on actual tasks completed and accepted.
4. Total compensation for the services and shall contain all costs to include salaries, office operation, transportation, equipment, overhead, general and administrative, incidental expenses, fringe benefits, operating margin and subcontractor costs.
5. Contractor shall provide County with invoices not more frequently than once a month for each calendar month in which services are provided.
6. Contractors invoice shall be in a form acceptable to County, provide specific details with respect to actual service units and/or hours of work incurred and include other such detail as may reasonably be requested by County.
7. Any penalty for delay in payment shall be in accordance with the Florida Prompt Payment Act (Section 218.70, et seq., Florida Statutes).
8. Records of costs incurred under terms of this Agreement shall be maintained and made available upon request to the County at all times during the period of this Agreement and for three years after final payment is made. Copies of these documents and records shall be furnished to the County upon request. Records of costs incurred include the Contractors general accounting records and the project records, together with supporting documents and records of the Contractor and all subcontractors performing work on the project, and all other records of the Contractor and subcontractors considered necessary by the County for a proper audit of costs.
9. County shall give Contractor prompt notice of any dispute with respect to Contractor's invoice and shall, within the time established above, remit payment for the undisputed amount to the Contractor.

10. The County shall remit payment for each invoice within forty-five (45) days after the receipt of an acceptable invoice. County shall give Contractor prompt notice of any dispute with respect to Contractor's invoice and shall, within the time established above, remit payment for the undisputed amount to the Contractor.
11. Contractor Fee shall remain firm for a minimum of one (1) year period after execution of the Agreement. For each renewal period, Contractor has a right to increase fees up to the lessor of:
 - The Bureau of Labor Statistics, PPI, Industry Data, 325-Chemical Manufacturing for Corrosion and Odor Services; or
 - an increase not to exceed four percent (4%).

Contractor shall provide notice to the County of any renewal increase at least thirty days prior to the Renewal Period.

EXHIBIT F

LIFT STATION NAME/NO.	A.K.A.	RTU COORDINATES	WWTP	STREET ADDRESS	GPM	TDH	PIPE PIPE SIZE TYPE	WET WELL SIZE	INF. LINE SIZE	INF. LINE TYPE	FORCE MAIN SIZE	FORCE MAIN TYPE	FORCE MAIN LENGTH	FORCE MAIN TERMINATION LOCATION	FORCEMAIN VALVE LOCATIONS	VOLTS	PHASE
1 #1		54 N27.46297 W82.69658	SW	111 6TH ST. S.	300	55.0	4 HDPE	6.0		8 VCP	6 CIP		2650 #5 F.M.,N.SIDE OF CORTEZ RD. BRIDGE	GV@ TERM.LOCATION	230	3	
2 #11		64 N27.52115 W82.72776	SW	8501 GULF DR.	1000	60.0	8 HDPE	12.0		CIP	10X12X16 CIP		7920 M.H.@ 127 52ST.	GV,HOLMES BLVD.& 68ST.	230	3	
3 #12		65 N27.52999 W82.73158	SW	501 MAGNOLIA AV.	600	32.0	6 HDPE	8.0		CIP	8 CIP		1650 M.H.,N.SHORE DR.& PALM AV.	NONE	230	3	
4 #13		66 N27.52918 W82.72497	SW	809 S.BAY BLVD.	140	27.0	4 HDPE	13.0		6 VCP	4 CIP		850 M.H.,BAY BLVD.& KUMQUAT DR.	NONE	230	3	
5 #14		68 N27.53109 W82.73912	SW	690 JACARANDA ROAD	320	43.0	4 HDPE	8.0		12 VCP	6 CIP		2750 M.H.,PALM DR.& N.SHORE DR.	ARV,N.SHORE DR.,50'S.E.OF CYPRESS AV.	230	3	
6 #15		67 N27.53556 W82.73726	SW	420 N.BAY BLVD.	250	40.0	4 HDPE	6.0		8 VCP	6 CIP		1675 M.H.,BAY BLVD.,20'E.OF BRIDGE	ARV,BAY BLVD.,45'N.OF BRIDGE	230	3	
7 #5 MASTER		71 N27.49831 W82.71217	SW	4150 GULF DR.	1830	92.5	12X18 DIP	8X29		30 CIP	18X20 DIP		19212 M.H.,CORTEZ RD.@ WATER BOOSTER STATION		480	3	
8 #6		59 N27.50950 W82.71441	SW	5901 MARINA DR.	275	35.0	4 HDPE	6.0			8 CIP		1150 #11 F.M.,56ST.& HOLMES BLVD.	GV@ TERM.LOCATION	230	3	
9 #7		62 N27.51495 W82.72138	SW	6900 HOLMES BLVD.	800	35.0	6 HDPE	12.0			10 CIP		350 #11 F.M.,68ST.& HOLMES BLVD.	GV@ TERM.LOCATION	230	3	
10 #8		63 N27.51886 W82.72208	SW	7205 MARINA DR.	200	23.2	4 HDPE	6.0		6 VCP	6 CIP		1350 M.H.,CLARKS DR.& MARINA DR.	NONE	230	3	
11 #9		60 N27.52098 W82.70907	SW	636 KEY ROYALE DR.	250	39.0	4 HDPE	8.0			6 CIP		2450 M.H.,KEY ROYALE DR.,150'W.OF BRIDGE	ARV,E.END OF KEY ROYALE DR. BRIDGE	230	3	
12 10-D		220 N27.50691 W82.64020	SW	7800 9AV.N.W.	400	60.0	8 HDPE	10X12		16 DIP	8 PVC		3742 15-D F.M.,1AV.N.W.& 75ST.N.W.	GV@ L.S.& TERM.LOCATION	230	3	
13 10-M		123 N27.45885 W82.66641	SW	10300 46AV.W.	100	25.0	4 HDPE	6.0			6 CIP		325 M.H.,102ST.W. & 46AV.W.	NONE	230	3	
14 12-A MASTER		139 N27.41880 W82.58216	SW	2007 BAY DR.	3000	93.0	12 DIP	8X29		24 CIP	20X24X30 DIP		25044 27-A F.M.,34th.ST.& 53rd.AV.W.	GV@ L.S. & TERM.LOCATION	480	3	
15 12-D		221 N27.51854 W82.64059	SW	7830 DESOTO MEM.DR.	500	40.0	6 HDPE	8.0			10 CIP	8x10x12 C 900	6450 M.H. 9AV.N.W., E. OF 68ST.CT.N.W.	PV@ L.S. & 22D FM CONNECTIONS	230	3	
16 13-A MASTER		408 N27.42898 W82.56361	SW	112 63AV.E.	3319	143.0	12 DIP	8X29		36 DIP	24 DIP		12913 12-A,F.M.,34ST.W.& 60AV.W.		480	3	
17 14-A		434 N27.41840 W82.55474	SW	902 WHITFIELD AVE.	1400	47.0	10 HDPE	12.0		18 DIP	12 DIP		4044 M.H.,9ST.E.& 63AV.E.	ARV,9ST.E.,N.E.SIDE OF BRIDGE	480	3	
18 14-D		219 N27.49906 W82.64251	SW	8091 2ND AVE. W	250	48.0	4 HDPE	6.0		12 CIP	12 CIP		18 15-D F.M.,2AV.& 81ST.W.	GV@ TERM.LOCATION	230	3	
19 15-A		402 N27.42228 W82.56514	SW	6817 3RD ST. CT. W	250	35.0	4 HDPE	6.0		10 CIP	6 CIP		738 M.H., 511 68AV.DR.W.	NONE	230	3	
20 15-D		218 N27.49219 W82.64294	SW	1001 PALMA SOLA BLVD.	600	60.0	4 HDPE	8.0		15 CIP	12X16X20 C 900		11591 M.H.,59ST.W.,25'S.OF MAN.AV.	ARV,1AV.W.,1100'E.75ST.,GV,1AV.&75ST.W.	230	3	
21 16-A		440 N27.41840 W82.57247	SW	1009 69AV.W.	345	26.0	4 HDPE	8.0		18 CIP	10 CIP		725 1-A F.M.,69AV. & U.S.41	GV@ TERM.LOCATION	230	3	
22 16-D		211 N27.47752 W82.60811	SW	4629 26AV.W.	200	25.0	4 HDPE	8.0		10 CIP	6 DIP		600 M.H.,4807 26AV.	ARV,26AV.,150'W.OF 47ST.W.	230	3	
23 17-A		404 N27.42930 W82.57073	SW	816 63AV.W.	195	42.0	4 PVC	8.0		8 PVC	6 DIP		2500 M.H.,12ST.W.,200'N.OF 65AV.W.	GV,@L.S.	230	3	
24 18-A		406 N27.43490 W82.57100	SW	916 60AV.W.	250	38.0	4 HDPE	6.0		8 CIP	6 CIP		1175 M.H.,603 60AV.W.	GV,@L.S.	230	3	
25 18-AA		484 N27.42910 W82.57539	SW	6322 14th.ST.W.	175	21.0	4 HDPE	8.0		4 PVC	4 PVC		400 M.H., 1305 HARVARD AVE.		230	3	
26 18-AB		485 N27.42895 W82.57539	SW	6326 14th.ST.W.	40	60.0	2 PVC	6.0		8 DIP	2 PVC		350 M.H. @ 37 BUNION LANE WILHELM'S M.H.P.		230	3	
27 18-AC		486 N27.42580 W82.57541	SW	6510 14th.ST.W.	10	12.0	2 PVC	6.0		8 DIP	2 PVC		45 M.H. 75' W. OF L.S., REAR OF 1604 TENNESSEE ST. (TRAILER ESTATES)		230	3	
28 18-M		116 N27.45948 W82.62115	SW	6020 45AV.DR.W.	190	54.0	4 HDPE	6.0		10 CIP	6 CIP		2935 1-M F.M.,66ST.,S.OF CORTEZ RD.	ARV,44AV.,800'E.OF 66ST.W.	230	3	
29 19-D		217 N27.47881 W82.64279	SW	2314 PALMA SOLA BLVD.	207	71.0	4 HDPE	6.0		12 CIP	6 CIP	C 900	M.H.,PALMA SOLA BLVD.& 43AV.W.	ARV,PALMA SOLA BLVD.BRIDGE SOUTH	230	3	
30 1-A		135 N27.41106 W82.57294	SW	7300 SHEPARD ST.	637	44.0	6 HDPE	10.0		18 CIP	10 CIP		4439 M.H.,1710 69TH AVE. W.	ARV,S.E.SIDE OF BOWLEE'S CREEK @ US41	230	3	
31 1-C		56 N27.47016 W82.69900	SW	1115 9ST.N.	200	39.5	4 C900	5.8		8 CIP	4 CIP		424 #5 F.M.,GULF DR.& 9ST.,W.SIDE	GV,9ST.,E.SIDE OF GULF DR.	230	3	
32 1-D MASTER		237 N27.48383 W82.61216	SW	1806 51ST. ST. W	2609	126.0	12X20 DIP	8X29		30 CIP	20X24 CIP		12040 1-M F.M.,66ST.& CORTEZ RD.,N.SIDE		480	3	
33 1-M MASTER		203 N27.46194 W82.65150	SW	8720 44TH AVE. W.	3393	183.0	14X20 DIP	8X29		30 CIP	24X30 DIP		11526 S.W.R.T.P.		480	3	
34 1-MA		124 N27.46756 W82.68237	SW	12011 45TH.AVE.W.	275	25.0	4 HDPE	6.0		8 CIP	6 CIP		950 M.H.,CORTEZ RD.,E.OF WATER BOOSTER STATION	NONE	230	3	
35 20-A		433 N27.43520 W82.55071	SW	5932 12TH ST. E.	651	33.0	6 HDPE	10.0		16 DIP	8 CIP		1651 M.H.,6204 12ST.E.	GV,@L.S.	230	3	
36 20-D		234 N27.50110 W82.59788	SW	3711 RIVERVIEW BLVD.	134	18.0	4 HDPE	6.0		8 CIP	4 PVC		380 MH, RIVERVIEW BLVD. & 3AV.N.W.		230	3	
37 21-A		432 N27.44358 W82.55067	SW	5503 12ST.E.	550	41.0	6 HDPE	10.0		16 DIP	8 CIP		2810 M.H.,57AV.E.& 8ST.CT.E.	GV,@L.S.	230	3	
38 21-D		229 N27.51187 W82.62020	SW	5925 RIVERVIEW BLVD.	100	22.9	4 HDPE	6.0		4 CIP	4 CIP		250 M.H.,5919 RIVERVIEW BLVD.	ARV,WARNERS BAYOU BRIDGE WEST	230	3	
39 22-A		413 N27.44439 W82.56276	SW	101 55AV.W.	286	48.6	4 HDPE	6.0		12 CIP	6 CIP		600 M.H.,55AV.W.& 3ST.W.	GV,@L.S.	230	3	
40 22-D		224 N27.51584 W82.63335	SW	1719 72ND. ST. N. W.	80	30.0	4 HDPE	6.0		6 CIP	6 DIP		1281 12-D FM ACROSS FROM 7111 17TH.AV.N.W.	PV,@L.S. & TERMINATION LOCATION	230	3	
41 23-A		410 N27.44775 W82.57467	SW	1312 53 AVE.W.	350	43.0	6 HDPE	8.0		10 PVC	6 CIP		1625 M.H.,55AV.W.,125'W.OF U.S.41		230	3	
42 23-AA		411 N27.45123 W82.57377	SW	1203 51ST. AVE. DR. W.	250	29.7	6 HDPE	8.0		10 CIP	6 CIP		1215 M.H.,5149 14ST.W.	GV,@L.S.	230	3	
43 23-D		247 N27.50276 W82.64547	SW	8305 4th.AV.N.W.	70	38.0	4 HDPE	6.0		10 PVC	4 PVC		AZALEA PK.FM, 84ST. & 4AV.N.W.	GV,@L.S. & TERMINATION LOCATION	230	3	
44 24-A		426 N27.45128 W82.54518	SW	1600 51AV.E.	525	43.0	4 HDPE	6.0		10 CIP	6 CIP		2300 M.H.,1116 51AV.E.	GV,@L.S.	230	3	
45 25-A		424 N27.46239 W82.56261	SW	108 44TH. AVE. E	250	43.0	4 HDPE	6.0		8 CIP	4 CIP		2250 M.H.,W. OF 830.OF 301 BLVD.	GV,@L.S.	230	3	
46 25-D		258 N27.50518 W82.63230	SW	635 71st.ST.N.W.	8	11.1	2 PVC	4.0		6 PVC	2 PVC		M.H. 71ST.N.W. & 7AVE.N.W.		230	3	
47 26-A		418 N27.45835 W82.56896	SW	800 ORLANDO AVE.	780	30.9	4 HDPE	8.0		16 CIP	10 CIP		1250 M.H.,W.SIDE OF 14ST.W.& ORLANDO AV.	ARV,ORLANDO AV.,100'E.OF MINEOLA ST.	230	3	
48 26-D		259 N27.50087 W82.60991	SW	4902 2ND AVE. DR. N.W.	8	25.0	2 PVC	4.0		8 VCP	2 POLY		327 M.H., BEHIND 208 50ST.N.W., E.SIDE	GV,@L.S.	230	1	
49 27-A MASTER		138 N27.44775 W82.58542	SW	2484 53RD AVE. W.	2950	58.0	14 DIP	8X29		30 CIP	20 DIP		3154 12-A,F.M.,34ST.W.& 53AV.W.		480	3	
50 28-A		130 N27.43711 W82.58447	SW	2314 58AV.DR.W.	125	27.0	4 HDPE	6.0		8 CIP	6 CIP		1525 M.H.,24ST.W.,125'N.OF 57AV.W.		230	3	
51 29-A		129 N27.44406 W82.57989	SW	1801 55AV.W.	455	28.5	6 HDPE	12.0		18 CIP	12 CIP		530 M.H.,1911 55AV.W.		230	3	
52 2-A		439 N27.41672 W82.56820	SW	350 MAGELLAN DR.	1433	47.0	6 HDPE	12.0		20 CIP	12 CIP		2037 1-A F.M.,S.E. CORNER OF U.S.41 & MEGELLAN	GV@ TERM.LOCATION	460	3	
53 2-C		57 N27.47928 W82.70315	SW	2301 AV.C.	400	52.0	4 HDPE	7.5		8 CIP	6 CIP		10 #5 F.M.,AV.C.& 23ST.	GV@ TERM.LOCATION	230	3	
54 2-D		236 N27.49220 W82.59962	SW	3820 9AV.W.	500	45.0	6 PVC	8.0		10 VCP	8 PVC		1736 M.H.,9AV.W. & 44TH.ST.W.		230	3	
55 2-M		205 N27.46962 W82.68699	SW	4326 124ST.CT.W.	275	25.0	4 HDPE	6.0		8 CIP	6 CIP		75 #5 F.M.,CORTEZ RD.& 124ST.W.		230	3	
56 301 PARK OF COMMERCE		311 N27.43939 W82.53493	SE	2315 58TH AVE. E.	105	27.7	4 HDPE	8.0		8 PVC	4 PVC		M.H. S.END 24th.ST.E., OFF SR70, E.SIDE NEAR 5700 24ST.E.	GV,@L.S.	230	3	
57 30-A		125 N27.45767 W82.59104	SW	2921 47TH AVE. W.	392	23.0	4 HDPE	8.0		12 CIP	8 CIP		2375 M.H.,5102 30ST.W., S.SIDE		230	3	
58 30-AA		248 N27.45853 W82.59573	SW	4602 34ST.W.	1000	90.0	10 HDPE	10X12		18 CIP	12 PVC		27-A FM, 63AV. & 34ST.W.	GV,@L.S. & TERMINATION LOCATION	480	3	
59 30-EE		333 N27.46505 W82.55080	SW	3831 11TH ST. E.	125	40.0	4 HDPE	8.0		4 PVC	4 PVC		1175 M.H.,9th.ST.E.& 40th.AV.E.	GV,@L.S.	230	3	
60 31-A		126 N27.45711 W82.57981	SW	1710 47TH AVE. DR. W.	1542	44.0	6 S.S.	12.0		24 CIP	14 CIP		2800 34-A F.M.,48AV.W.& 26ST.W.,S.E.CORNER	ARV,22ST.W.& 48AV.W.	230	3	
61 32-A		303 N27.47391 W82.57535	SW	3011 14ST.W.	525	30.7	4 HDPE	10.0		12 CIP	10 CIP		1375 M.H.,14ST.W.,132'S.OF C/L 35AV.,W.SIDE		230	3	
62 32-AA		334 N27.47556 W82.56723	SW	509 28AV.W.	200	33.0	6 HDPE	8.0		12 DIP	6 C900		2042 3006 9ST.W.	GV,@L.S.	230	3	
63 32-AC		336 N27.47240 W82.57112	SW	3155 9ST.W.	75	20.0	2 PVC	6.0		8 PVC							

86 7-A	137 N27.38896 W82.56526	SW	8448 UPLANDS BLVD.	280	31.0	4	HDPE	6.0	8	CIP	6	CIP	700 M.H.,S.END OF LONGBAY BLVD., S. OF EAGLES NEST LN.	NONE	230	3
87 7-D	230 N27.51058 W82.61881	SW	5820 RIVERVIEW BLVD.	465	42.0	6	HDPE	8.0	15	CIP	8	CIP	3725 M.H.,419 62ST.N.W.,(DEAD END)	GV,6AV.N.W. & 59ST.W.	230	3
88 87TH.ST.CT.N.W.	265 N27.50531 W82.64909	SW	608 87TH.ST.CT.N.W.	30	58.0	2	PVC	4.0	8	PVC	2	HDPE	770 F.M. @ 9TH.AVE.N.W. & 87TH.ST.CT.N.W.	PV @ LS & 60' E. OF 87ST.CT.N.W. ON 9 AVE.N.W.	230	1
89 8-D	225 N27.50736 W82.62851	SW	6700 9AV.N.W.	750	60.0	6	HDPE	8.0	15	CIP	8	DIP	3600 12D F.M., 9AV.N.W. & 72 ST.N.W.	ARV,71ST.N.W. & 5AV.N.W.	230	3
90 9-A	436 N27.40638 W82.54836	SW	1160 ROME AV.	225	33.0	4	HDPE	6.0	12	CIP	6	CIP	3190 M.H., 7230 15ST.E.	GV,@L.S.	230	3
91 9-AA	488 N27.38896 W82.53664	SW	1703 W. UNIVERSITY PKWY	260	40.0	8	DIP	8.0	10	DIP	8	PVC	8200 M.H., TELLEVAST RD. & 15ST.E., SE CORNER	GV,@L.S.	230	3
92 9-D	226 N27.50336 W82.62728	SW	6504 5TH. AVE. N.W	1000	45.0	8	C900	11.5	18	CIP	12	C 900	1640 15-D F.M.,67ST.N.W. & 1AV.N.W.	GV,@TERMINATION LOCATION	230	3
93 ABERDEEN	804 N27.54711 W82.45934	NE	10213 37TH.COOURT E.	190	66.0	4	PVC	6.0	8	PVC	4	C-900	2100 16' FM @ US 301, E. OF 100TH. AVE.E.	GV,@L.S. & TERMINATION LOCATION	230	3
94 ADD-A-ROOM	307 N27.44912 W82.51606	SE	5215 37th.ST.E.	35	15.0	2	PVC	4.0	6	PVC	4	PVC	50 PERIDIA 1 F.M., WEST OF L.S.	GV,@L.S. & TERMINATION LOCATION	230	3
95 AIRPORT COMMERCIAL PARK	491 N27.39375 W82.54500	SW	8231 LINDBERG CT.	230	55.0	4	PVC	6.0	8	PVC	6	C-900	825 9-AA FM @ 15ST.E. & LINDBERG CT.	GV,@L.S.	230	3
96 AIRPORT INDUSTRIAL PARK	469 N27.40402 W82.55230	SW	1165 TALLEVAST RD.	150	25.0	4	DIP	8.0	12	PVC	6	PVC	1900 M.H. ACROSS FROM 7667 15ST.E.	GV,@L.S.	230	3
97 ANCIENT OAKS	588 N27.56788 W82.47065	NE	5345 90th.AV.CIR.E.	132	74.0	4	C900	6.0	8	PVC	6	C900	2876 TV4 F.M., ERIE RD. & 59ST.E.	GV,@L.S. & TERMINATION LOCATION	230	3
98 ANIMAL SERVICES	845 N27.53401 W82.56602	NE	305 25TH. ST.W.	50	15.0	2	PVC	4.0	6	PVC	2	PVC	320 WEST MEMPHIS L.S. WET WELL	NONE	230	1
99 ANNA MARIA OYSTER BAR (ELLENTON) SHONEY'S RESTAU	558 N27.52869 W82.51435	NE	5087 17TH ST. E.	150	144.0	4	PVC	8.0	8	DIP	6	DIP	66 TV #4 F.M., N. OF L.S.	GV,@LIFT STATION AND TERMINATION LOCATION	480	3
100 ARBOR GRANDE	285 N27.28622 W82.24960	SE	2216 WHITE EAGLE BOULEVARD	233	88.5	4	HDPE	8.0	8	PVC	6	PVC	50 AT WEST R/W LINE OF WHITE EAGLE BLVD IN FRONT OF L/S	GV,@LIFT STATION AND TERMINATION LOCATION	230	3
101 ARBOR LAKES	365 N27.41237 W82.48128	SE	7217 SOUTHGATE CT.	90	35.0	4	C900	6.0	8	PVC	4	PVC	2830 M.H. 7018 COACHLIGHT ST.	GV,@L.S.	230	3
102 ARBOR RESERVE	610 N27.43923 W82.50476	SE	5710 WESTHAVEN CT.	110	146.0	4	HDPE	6.0	8	PVC	4X6	C900/HDPE	160 39-A FM @ 57AVE.E.	GV @ LS & TERMINATION	460	3
103 ARNOLD PALMER GREEN 1	689 N27.40197 W82.40541	SE	7699 ARNOLD PALMER GREEN	477	124.0	4	C900	8.0	10	PVC	6	C900	6049 M.H. @ LEGACY BLVD. & MASTERS AVE.	460	3	
104 ARNOLD PALMER GREEN 2	626 N27.40688 W82.41204	SE	7533 ARNOLD PALMER GREEN	390	50.3	4	C900	8.0	8	PVC	6	C900	1590 M.H. @ ARNOLD PALMER GREEN & VILAMOURE PLACE	GV,@LIFT STATION & TERMINATION LOCATION	230	3
105 ARNOLD PALMER GREEN 3	690 N27.41463 W82.40858	SE	7390 ARNOLD PALMER GREEN	180	40.0	4	C900	6.0	8	PVC	6	C900	2950 M.H. @ 13615 BLYTHFIELD TERRACE	230	3	
106 ARNOLD PALMER GREEN 4	644 N27.41417 W82.41087	SE	7389 ARNOLD PALMER GREEN	125	92.0	4	C900	6.0	8	PVC	4	C900	5050 FM FROM STATION #405	GV,@L.S. & TERMINATION LOCATION	230	3
107 ARTISAN LAKES 2	851 N27.36252 W82.30957	NE	9907 ARTISAN LAKES PKWY	331	53.0	6	HDPE	6.0	8		6	C900	2444 COBBLE PARK PLACE AND ARTISAN LAKES PKWY	GV @L.S. & TERMINATION LOCATION	230	3
108 ARTISAN LAKES 3	852 N27.36547 W82.30906	NE	10520 COBBLE PARK PLACE	257	42.0	6	HDPE	6.0	8		6	C900	1535 COBBLE PARK PLACE AND ARTISAN LAKES PKWY	GV @L.S. & TERMINATION LOCATION	230	3
109 ARTISAN LAKES MASTER	838 N27.60253 W82.50594	NE	9760 GILLETTE ROAD	2042	100.0	12	S.S.				20X30	C900	NEWWTP	PV @ L.S. & TERMINATION	480	3
110 AZALEA PARK	246 N27.50764 W82.64884	SW	903 87TH.ST.N.W.	124	50.8	4	PVC	6.0	8	PVC	4	PVC	1550 M.H., 9TH.AV.N.W. & 83 ST.N.W.	GV,@L.S.	230	3
111 BARRINGTON RIDGE	465 N27.43466 W82.50912	SE	6171 42ST.CIR.E.	250	135.0	4	HDPE	6.0	8	PVC	6	X 8 C900	2374 39-A FM., N. SIDE OF BARRINGTON RIDGE IN FPL R/W	GV,@L.S. & TERMINATION LOCATION	460	3
112 BASHAW ELEMENTARY SCHOOL	472 N27.46719 W82.48935	SE	3603 57TH ST. E	520	86.2	6	DIP	8.0	10	DIP	8	PVC	3300 39A FM, CARUSO RD. & 44AV.E.	GV@LS & 100'W.OF CARUSO, S.SIDE 44AV.E.	230	3
113 BAY DRIVE	102 N27.42033 W82.59114	SW	2906 BAY DRIVE	100	15.0	3	PVC	4.0	6	VCP	3	PVC	40 M.H., 43 FT. N.OF LIFT STATION	NONE	230	1
114 BAYOU CONDOMINIUMS	69 N27.53248 W82.73244	SW	522 PINE AV.	80	15.0	4	HDPE	4.0	6	PVC	4	PVC	SERVICE 254' FROM DOWN N.H., ACROSS FROM ROSER CHURCH ON P NONE	GV,@L.S.	230	3
115 BAYSHORE ON THE LAKE	240 N27.46599 W82.58307	SW	3910 LAKE BAYSHORE DR.	250	64.0	4	HDPE	6.0	8	PVC	6	PVC	55 36-A FM, LAKE BAYSHORE DR., S. OF L.S.	GV,@L.S. & TERMINATION LOCATION	230	3
116 BAYSHORE YACHT BASIN	101 N27.42140 W82.58618	SW	2301 S. RADCLIFFE PL.	950	71.0	8	HDPE	12.0	24	DIP	10	PVC	500 12-A F.M., FLORIDA BLVD. & 26ST.W., N.E. CORNER	GV,@L.S. & TERMINATION LOCATION	480	3
117 BELAIRE BAYOU	227 N27.50378 W82.62522	SW	6324 5th.AV.N.W.	105	22.0	4	PVC	5	X 10		4	PVC	970 M.H., 6AV.N.W. & 62 ST.N.W.	230	1	
118 BENNETT PARK	699 N27.50074 W82.48438	SE	400 CYPRESS CREEK BLVD.	22	52.3	2	HDPE	4.0	8	PVC	2	PVC	1240 KAY ROAD F.M.	PV,@L.S. & TERMINATION LOCATION	230	3
119 BLACKSTONE PARK	855 N27.31988 W82.34650	NE	2112 14TH AVE. W.	38	60.0	2	PVC	4.0	5	PVC	2	PVC	1200 CITY OF PAL. FM IN 14TH AVE ROW @ W PROP LINE	GV@L.S. 14TH AVE ROW@W PROP LINE 285' N OF PAR	230	3
120 BOLLETTIERI PARK	260 N27.44077 W82.60791	SW	5691 47th.ST.W.	705	76.7	8	PVC	10.0	12	PVC	12	PVC	1200 12-A FM, @ 53rd.AV. & 47th.ST.W.	GV,@L.S. & TERMINATION LOCATION	230	3
121 BOLLETTIERI VILLAGE	150 N27.44598 W82.59573	SW	5420 34TH ST. W.	330	70.0	4	C900	8.0	8	PVC	6	C900	120 12-A FM, E. OF LS ON 34ST.W.	GV,@L.S. & TERMINATION LOCATION	230	3
122 BOOKS-A-MILLION	301 N27.46282 W82.57459	SW	4101 14TH ST. W.	250	16.0	3	PVC	5.0	8	VCP	6	PVC	M.H., S.W. CORNER 1207 40 AV.W.	NONE	208	3
123 BRADEN LAKES	143 N27.45338 W82.59165	SW	5001 30th.ST.W.	180	18.0	4	PVC	6.0	8	PVC	4	PVC	60 M.H.,30ST.W. IN FRONT OF LS.	GV,@ LIFT STATION	230	3
124 BRADEN RIVER (#17)	324 N27.43083 W82.47140	SE	6290 LINGER LODGE ROAD	600	56.0	10	HDPE	10X12	10	DIP	10	PVC	1200 ARVIDA 18' F.M.,FP&L R/W N.OF TAILFEATHER WAY	GV,@L.S. & TERMINATION LOCATION	460	3
125 BRADEN RIVER HIGH SCHOOL	649 N27.44941 W82.48454	SE	5265 60th.ST.E.	420	166.2	4	PVC/HDPE	10.0	10	PVC	6	C900	120 39A FM W. OF L.S.	PV,@L.S. & TERMINATION LOCATION	460	3
126 BRADEN WOODS (#18)	326 N27.42154 W82.44329	SE	6555 99TH ST. E.	750	100.0	8	HDPE	8.0	10	DIP	10	PVC	9750 TARA 20 F.M. SR 70 & LENA RD., N.W. CORNER	GV,@L.S. & TERMINATION LOCATION	460	3
127 BRADENTON/TRANSITIONAL CENTER	345 N27.41818 W82.53834	SE	2102 63AV.E.	104	14.0	4	DIP	6.0	6	PVC	8	C900	MH, NE CORNER OF 2920 63AV.E.	GV,@LIFT STATION	230	3
128 BRADENTON/SARASOTA AIRPORT	480 N27.38621 W82.55528	SW	GEN.SPATZ & GEN.KENNY AV.	130	28.2	4	HDPE	6.0	8	DIP	4	DIP	M.H. IN GRASS, S.END ROW A-9, PARKING AREA	GV,@L.S.	230	3
129 BRIDGEWATER	623 N27.44042 W82.40726	SE	13408 BRIDGEPORT CROSSING	225	109.0	4	HDPE	6.0	8		4	PVC & HDPE	1885 TIES INTO EXISTING FM STUB OUT AT POPE RD & BRIDGEPORT CROSS	GV @ LS. & ACROSS FROM 13112 BRIDGEPORT CROSS	460	3
130 BROADMOOR PINES	452 N27.40072 W82.48525	SE	7832 BROADMOOR PINES BLVD.	195	19.9	4	PVC	6.0	8	PVC	4	PVC	550 M.H.,WHITFIELD AV.EXT. & PALM AIRE DR., E.SIDE	NONE	230	3
131 BROOKSIDE ESTATES	867 N27.30641 W82.24743	SE	807 129TH STREET NE	57	69.0	2	PVC	6.0	8	PVC	3	SDR 21	850 RAVEN CREST FM @ UMRR / GREYHAWK BLVD	GV,@LIFT STATION, @ FM TIE-IN LOCATION	230	3
132 BROOME PARK	245 N27.47040 W82.63820	SW	7507 34AV.W.	80	23.5	4	PVC	6.0	10	PVC	4X6	PVC	M.H. 4216 75th.ST.W.	230	3	
133 BRYN MAWR	161 N27.42106 W82.58888	SW	315A BRYN MAWR IS.	31	29.0	2	PVC	4.0	8	PVC	4	C900	680 M.H., BRYNMAWR & FLORIDA BLVD.	230	1	
134 BUCKEYE INDUSTRIAL PARK	839 N27.62049 W82.53281	NE	11813 31ST. TERRACE E.	371	39.5	4	C900	8.0	8	PVC	4X6	C900	3300 JAIL FORCE MAIN AT US41 & BUCKEYE RD.	GV,@LIFT STATION & TERMINATION LOCATION	230	3
135 BUFFALO CREEK	559 N27.57708 W82.48256	NE	6803 BUFFALO ROAD	120	55.0	4	HDPE	6.0	8	PVC	4	PVC	1550 N1-B F.M., ERIE ROAD @ ENTRANCE TO PARK	GV,@LIFT STATION & TERMINATION LOCATION	230	3
136 BUFFALO CREEK FIELD OFFICE	843 N27.55808 W82.54220	NE	8100 69 ST.E.	25	82.0	2	HDPE	4.0	4	PVC	2	PVC	BUFFALO CREEK FM	PV,@L.S. & TERMINATION LOCATION	230	3
137 CADENCE	281 N27.29285 W82.25629	NE	11541 11TH AVE. E	95	45.5	4	HDPE	6.0	8	PVC	4	PVC	665 FM IN ROW OF 117TH STREET EAST	GV @ LS & 117TH ST E AND 11TH AVE E	230	3
138 CANDLEWOOD	481 N27.45307 W82.52586	SE	4900 30th.ST.E.	140	20.0	4	DIP	6.0	10	DIP	4	PVC	525 M.H., 30.ST.CT.E. & 49th.AV.E.	GV,@ LIFT STATION	230	1
139 CASA LOMA	415 N27.45123 W82.56035	SW	400 51AV.E.	150	29.0	3	PVC	6.0	6	VCP	4	PVC	FIRST M.H. EAST OF 4ST. & 53AV.E.	GV,@ LIFT STATION	230	1
140 CASCADES	645 N27.42361 W82.51070	SE	4085 65TH.PLACE E.	445	53.0	6	PVC	8.0	8	PVC	8	C900	2200 41A FM, LOCKWOOD RIDGE RD. & ROYAL CASCADES WAY	GV,@LIFT STATION & TERMINATION LOCATION	230	3
141 CENTRAL PARK	695 N27.45444 W82.42368	SE		474	59.0						6	C900	1323 M.H., BALBOA PARK ROAD	240	3	
142 CENTRE LAKE	477 N27.42214 W82.51762	SE	6600 PROSPECT RD.	150	24.0	4	HDPE	6.0	8	PVC	4	PVC	1995 M.H. AT PROSPECT AND 63RD. AVE.	GV,@ LIFT STATION	230	1
143 CENTRE PARK INDUSTRIAL CEN.	298 N27.41126 W82.53738	SW	7240 22 ST.E.	205	63.3	4	PVC	6.0	8	PVC	4	C900	1995 M.H., 21ST.E. & LIMBUS AVE.	GV,@ LIFT STATION, 21ST.E. & 72AV.E.	230	3
144 CHATEAU VILLAGE	412 N27.44457 W82.56806	SW	601-A CRETE CT.	105	30.2	3	PVC	4.0	12	VCP	4	PVC	MH. 75T. & 53AV.W.	GV,@ LIFT STATION	230	1
145 CHELSEA OAKS	598 N27.53901 W82.41821	NE	12495 30ST.E.	315	143.5	4	C900	6.0	8	PVC	6	X 8 C900	9423 TWIN RIVER FM @ FT.HAMER RD. & COLF COURSE RD.	GV,@L.S. & TERMINATION LOCATION	460	3
146 CHIN ROAD SHOPPING CENTER	826 N27.55667 W82.44611	NE	11265 U.S.301 N.	115	72.0	4	PVC	6.0	8	PVC	4	C900	734 6' FM S.W. CORNER CHIN RD	PV,@ LIFT STATION	208	3
147 CIVIC CENTER	846 N27.51555 W82.56175	PAL	1 HABEN BLVD.	180	56.0	4	HDPE	5	X 6		8	DIP	MH, PALM BAY MHP @ PALM 1 ST. & PALM 3 RD.	GV,@ LIFT STATION	460	3
148 COLLEGE																

173 CORTEZ COMMERCIAL CENTER	142 N27.46325 W82.60024	SW	4010 43rd.AV.DR.W.	150	25.0	4	PVC	6.0	8	VCP	4	PVC	313 W.W.SPGRS #1 F.M.,44AV. & 39ST.W., SW CORNER	GV,@TERMINATION LOCATION	230	1
174 CORTEZ PLAZA 1	419 N27.46020 W82.57320	SW	4497 14th.ST.W.	170	15.0	4	PVC	6.0	10	VCP	4	CIP	30 CORTEZ PLAZA M.H. 30' N. OF LS		230	1
175 CORTEZ PLAZA 2	420 N27.46095 W82.57273	SW	1201 CORTEZ RD.W.	220	23.0	3	PVC	6.0	8	VCP	4	PVC	MH, 4502 GROVELAND ST.		480	3
176 CORTEZ PLAZA 2A	460 N27.46154 W82.57250	SW	1131 CORTEZ RD.W.	75	16.0	4	HDPE	5.0	8	DIP	4	PVC	900 M.H.@ CORTEZ PLAZA #2 L.S.	GV,@ L.S.	208	3
177 CORTEZ PLAZA 3	421 N27.46058 W82.57186	SW	4500 9th.ST.W.	200	11.0	4	PVC	4.0	8	PVC	4	PVC	MH, 4502 GROVELAND ST.	GV,@ L.S.	230	3
178 CORTEZ PLAZA 4	422 N27.46017 W82.56956	SW	813 CORTEZ RD.W.	100	27.0	3	PVC	4.0	8	VCP	6	PVC	1086 MH 4504 5ST.W.		230	1
179 CORTEZ PLAZA 5	423 N27.46090 W82.56776	SW	697 CORTEZ RD.W.	150	17.0	3	PVC	4.0	8	VCP	3	PVC	217 MH 16876 BEHIND 701 CORTEZ PLAZA		230	3
180 COTTESBROOK ESTATES	831 N27.52523 W82.52969	NE	3313 13TH.ST.E.	80	30.0	4	PVC	6.0	8	PVC	4	C900	M.H., S.E. CORNER ELLENTON GILLETTE RD. & MEMPHIS RD.	PV @ L.S., W.R/W OF ELLEN.GILL.RD.BTWM 13ST.E. & 1	230	3
181 COUNTRY CLUB EAST 1	686 N27.41025 W82.39817	SE	14295 PLAYERS DRIVE	170	85.0	4	PVC	6.0	8	PVC	4	C900	3124 M.H. @ PLAYERS DR. & CAMARGO PL.	PV @ LS	230	3
182 COUNTRY CLUB EAST 2	693 N27.40457 W82.38947	SE	15010 PLAYERS DRIVE	375	63.0	4	PVC	8.0	8	PVC	6	C900	2904 MH ON VALDERAMA WAY JUST E. OF RAVELSTON	PV @ LS	230	3
183 COUNTRY CLUB EAST 3	858 N27.24288 W82.22363	SE	7550 BELLEFIELD WAY	375	28.7	4	HDPE	8.0	8	PVC	6	PVC DR-18	1380 TIES INTO EXISTING 10" FROM CONCESSIONS SOUTH SIDE MASTERS /GV @ LS, GV @ BELLEFIELD WAY, GV @ PLAYERS DR (230	3
184 COUNTRY CLUB EAST 4	870 N27.24607 W82.22920	SE	15801 CASTLE PARK TERRACE	171	85.0	4	HDPE	6.0	8	PVC	4	PVC	2680 25' W OF HANDI-CAP RAMP WEST OF BELLEFIELD WAY ON CASTLE PARK	GV @ LS, GV 1050' EAST OF LS ON CASTLE PARK TER	230	3
185 COUNTRY CLUB EAST 5	873 N27.24891 W82.22630	SE	16208 KENDLESHIRE TERRACE	227	72.8	4	HDPE	6.0	8	PVC	6	PVC	1410 25' N OF ROUND ABOUT ON CASTLE PARK TERRACE	GV,@LIFT STATION & TERMINATION LOCATION	230	3
186 COUNTRY CLUB VILLAGE 6	670	SE	6657 OAKLAND HILLS DRIVE	125	33.6	4	C900	6.0	8	PVC	4	C900	1050 MH C-16 AT STATION 34+50 ON MASTERS AVE.	GV,@ L.S.	230	3
187 COUNTRY CLUB VILLAGE 7	671	SE	6749 MASTERS AVE.	263	29.7	4	C900	6.0	8	PVC	6	C900	450 MH 450' EAST OF L.S. ON MASTERS AVE.	GV,@ L.S.	230	3
188 COUNTRY CREEK 1	369 N27.49657 W82.39673	SE	320 147TH ST. E.	220	59.0	4	C900	6.0	8	PVC	4	C900	150 FM, MILL CREEK #2	GV,@LIFT STATION & TERMINATION LOCATION	230	3
189 COUNTRY MEADOWS	657 N27.50369 W82.39685	SE	318 COUNTRY MEADOWS WAY	294	107.0	6	PVC	6.0	10	PVC	6	C900	6000 FM, RYE RD.SCHOOL, 147TH.& RYE RD.	GV,@LIFT STATION & TERMINATION LOCATION	460	3
190 COUNTRY OAKS	462 N27.39369 W82.50002	SE	3397 COUNTRY OAKS DR.	309	90.0	6	HDPE	8.0	10	PVC	10	C900	2146 M.H., 41-A L.S.	GV,@ TERMINATION LOCATION	230	3
191 COUNTRY PALMS	337 N27.40346 W82.51753	SE	3608 TELLEVAST RD.	140	87.0	4	C900	6.0	8	PVC	4	C900	M.H., WHITFIELD AVE & 33ST.E.	GV,@ L.S. & TERMINATION LOCATION	230	3
192 COVERED BRIDGE 1	580 N27.55271 W82.50518	NE	4156 LITTLE GAP LOOP	320	124.0	4	HDPE	8.0	10	PVC	6	X8 C900	11100 TV4 FM @ US301 & VICTORY RD., SE CORNER	GV,@ LS & TERMINATION LOCATION	230	3
193 COVERED BRIDGE 2	591 N27.55419 W82.50644	NE	5721 NEW PARIS WAY	172	46.0	4	C900	8.0	10	PVC	4	C900	1350 MH.W. OF LITTLE GAP LOOP ON BROAD RIVER RUN	GV,@ LIFT STATION	230	3
194 COVERED BRIDGE 3	594 N27.54893 W82.49867	NE	3929 KING BRIDGE PLACE	327.5	140.0	4	C900	8.0	8	PVC	6	C900	388 COVERED BRIDGE 1 F.M. @ KING BRIDGE PL. & COVERED BRIDGE CRC	GV,@ LS & TERMINATION LOCATION	460	3
195 COVERED BRIDGE 4	803 N27.55313 W82.49880	NE	6405 SANDY CREEK LANE	202	38.0	4	C900	6.0	8	PVC	4	C900	885 MH#8, COVERED BRIDGE #3 (PH.6)	GV,@ LIFT STATION	230	3
196 CREEKWOOD 1	349 N27.44848 W82.46896	SE	7206 52ST.DRIVE E.	350	89.4	4	HDPE	8.0	10	PVC	8	PVC	1565 TARA 20 F.M. @ 7230 SR70	GV,@ LS & TERMINATION LOCATION	230	3
197 CREEKWOOD 2	353 N27.45256 W82.46853	SE	7300 49AV.E.	190	39.1	4	HDPE	6.0	10	PVC	4	PVC	1075 M.H.5009 76ST.E.	GV,@ LIFT STATION	230	3
198 CREEKWOOD EAST 1	654 N27.44187 W82.45493	SE	5525 LENA ROAD	300	59.0	6	PVC	6.0	8	PVC	6	C900	500 TARA FM	GV,@ LS & TERMINATION LOCATION	230	3
199 CREEKWOOD EAST 2	655 N27.45209 W82.45584	SE	5001 LENA ROAD	350	64.0	6	PVC	6.0	8	PVC	6	C900	800 TARA 20 F.M. @ FP&L EASEMENT EAST OF THE LIFT STATION	GV,@ LS & TERMINATION LOCATION	230	3
200 CREEKWOOD PARK	601 N27.46042 W82.47117	SE	7025 44TH. AVE. E.	32	64.0	2	HDPE	4.0	6	PVC	2	PVC DR-21	325 CROSSING CREEK FM @ CREEKWOOD BLVD.	GV @ LS & TERMINATION	230	1
201 CREEKWOOD TOWNHOMES	278 N27.26857 W82.27716	SE	5236 78TH STREET CIRCLE EAST	100	105.0	2	PVC	6.0	8	PVC	4	C900	1770 INTERSECTION OF 73RD ST E & CREEKWOOD BLVD	GV @ LS & TERMINATION	230	3
202 CRESENT LAKES	468 N27.40634 W82.51582	SE	3716 75TH DR. E.	295	70.3	4	HDPE	6.0	10	PVC	6	PVC	4500 COUNTRY OAKS F.M. @ LOCKWOOD RIDGE RD.& TELEVAST ROAD.	GV,@ LIFT STATION,E.SIDE	230	3
203 CROSSLY ESTATE	149 N27.39090 W82.56565	SW	8374 N. TAMIAMI TRAIL SARASOTA	35	28.0	2	PVC	4.0	6	PVC	2	PVC	445 7-A FM @ ESTATE ENTRANCE RD., 276' E. OF TRAFFIC CIRCLE	GV,@ LS & TERMINATION LOCATION	208	3
204 CROSS CREEK	837 N27.54856 W82.41817	NE	12408 LARCHMERE LANE	646	124.0	6	PVC	8.0	8	PVC	8	C900	3800 TWIN RIVER FM @ GOLF COURSE RD. & CREEKSIDE PARK DRIVE	GV @ LS & TERMINATION	460	3
205 CROSSING CREEK	664 N27.45606 W82.47325	SE	7118 44th AVE. E.	180	100.2	4	PVC	6.0	8	PVC	4	C900	2679 39-A F.M. @ 44TH. AVE.	PV,@ LS & TERMINATION LOCATION	230	3
206 CRYSTAL LAKES	808 N27.57799 W82.50813	NE	5409 72ND.ST.E.	250	123.0	6	PVC	8.0	8	PVC	6	C900	3300 N1-B F.M. @ BUFFALO RD.	PV,@ LS & TERMINATION LOCATION	460	3
207 CYPRESS POND	833 N27.56133 W82.52989	NE	3319 53RD.ST.E.	80	30.0	4	PVC	6.0	8	PVC	4	C900	3582 1ST. MH WEST OF 33RD.AVE.E. ON 49TH. ST.E.	PV,@ LS, ELLEN.GILLETTE. RD. @ ENTRANCE	230	3
208 DEL TIERRA 1	865 N27.30133 W82.23150	SE	302 GRANDE VISTA BLVD	350	80.0	6	HDPE	6.0	8	PVC	6	PVC	1788 6' FM IN WEST ROW OF RYE ROAD	GV @ LS & TERMINATION	230	3
209 DEL WEBB	256 N27.24997 W82.21989	SE	16850 ELLSWORTH AVENUE	227	72.8	4	HDPE	6.0	8	PVC	6	PVC	5610 EXISTING F.M. AT ROUND ABOUT OF HAMMOCK CREEK DR AND BELLE	GV @ LS & 4 OTHER LOCATIONS, SEE LS FILE	230	3
210 DESOTO MALL	305 N27.46729 W82.56525	SW	303 301 BLVD. W.	300	20.0	4	HDPE	5.0	10	VCP	6	PVC	MH, N.SIDE O 301 BLVD., N.OF LS.		230	3
211 DESOTO MEMORIAL PARK	222 N27.52360 W82.64402	SW	N.END 75ST.N.W.	100	15.0	4	PVC	6.0	4	PVC	4	PVC	M.H., 79ST.N.W. & DESOTO PKWY.		230	3
212 DESOTO VILLAS	304 N27.47133 W82.56718	SW	APROX. 5ST.& 301 BLVD.W.	310	30.0	4	HDPE	8.0	8	PVC	4	PVC	335 MH. REAR OF BLDG.13-D IN DESOTO VILLAS		230	1
213 DOMINION	646 N27.41808 W82.41674	SE	12613 DEACONS PLACE	175	81.0	4	C900	6.0	8	PVC	4	C900	470 FM BEHIND LOT 28, SE OF LS.	GV,@ LS & TERMINATION LOCATION	230	3
214 DORAYE VILLAS	118 N27.46150 W82.62883	SW	6701 44AV.W.	150	61.0	4	HDPE	6.0	8&4	PVC	4	PVC	875 1-M F.M.,N.E.OF METER OFFICE @ 66ST.W.	GV,@TERMINATION LOCATION	230	3
215 DUDE RANCH	696 N27.45593 W82.48513	SE	4715 60th. ST. E.	25	105.0	2	HDPE	4.0	2	HDPE	4	HDPE	115 39-A F.M. ON CARUSO RD. W. OF L.S.	PV,@ LS & TERMINATION LOCATION	230	2
216 EAGLE TRACE	621 N27.48231 W82.42193	SE	1810 BLUE CYPRESS ST	193	41.0	4	HDPE	6.0	8		4	PVC	1032 12' F.M. ON SR 64	GV @ L.S. & GV @ TIE IN POINT ON SR 64	230	3
217 EAGLE'S NEST	499 N27.41308 W82.51290	SE	3906 72AV.E.	200	51.0	4	HDPE	6.0	8	PVC	4	PVC	MH @ 75AV.TERR.E. & NORTH TUTTLE AVE.	GV @ L.S. & TUTTLE AVE.	230	3
218 ECHO LAKES	288 N27.28022 W82.25667	SE	3610 WOOD FERN TRAIL	200	53.7	6	HDPE	8.0	8	PVC	8	C900	2640 MH 3900+00 WOOD FERN TRAIL	GV @ L.S. & ROW SOUTH OF DRIVEWAY	230	3
219 EDGEWATER MOORINGS	605 N27.39265 W82.43402	SE	6405 MOORINGS POINT CIRCLE	249	30.0	4	HDPE	6.0	8	PVC	4	C900	150 12' F.M. @ LAKEWOOD RANCH BLVD. WEST OF STATION	PV,@ LS & TERMINATION LOCATION	230	3
220 EDGEWATER VILLAGE	629 N27.38965 W82.42341	SE	8375 WATERVIEW BLVE.	300	75.0	4	HDPE	6.0	10	PVC	6	C900	1320 UNIV.PKWY. 12' F.M. @ INTERSECTION OF UNIV.PKWY. & WATERVIEW	IGV,@ LS & TERMINATION LOCATION	460	3
221 EL CONQUISTADOR 1	104 N27.42908 W82.60193	SW	3790 EL. CONQ. PKWY	800	110.0	10	HDPE	10X12	24	DIP	10	C900	12-A F.M.,BAYSHORE GDNS.PKWY.& 34ST.W.,S.E.CORN.		460	3
222 EL CONQUISTADOR 2	103 N27.43606 W82.60800	SW	5900 47ST.W.	108	10.0	4	C900	5.0	10	VCP	4	PVC	MH, 5901 LA VISTA LAKE, 23 FT.W. OF SW CORN. OF GARAGE		230	3
223 EL RANCHO VILLAGE	425 N27.45874 W82.56131	SW	H-39-A 9th.AV.E.	125	36.6	4	PVC	5.0	10	VCP	6	PVC	2350 25-A F.M. @ #9C CORTEZ LANE IN EL RANCHO VILLAGE	GV,@ LS & TERMINATION LOCATION	230	3
224 ELMER'S AUTOMOTIVE	133 N27.42174 W82.57746	SW	1600 INDIANA AVE.	125	15.0	3	PVC	4.0	4	DIP	4	C900	MH BEHIND 1603 MINNESOTA, TRAILER ESTATES	NONE	230	3
225 ESPLANADE	608 N27.44343 W82.41344	SE	12905 RANGELAND PARKWAY	332	44.0	4	HDPE	8.0	10	PVC	6	X8 C900	195 SEMLS F.M., NW CORNER OF POPE RD. & RANGELAND PKWY.	PV,@ LS & TERMINATION LOCATION	230	3
226 ESPLANADE 2	611 N27.26844 W82.24249	SE	5219 BENITO CT	244	62.0	4	HDPE	6.0	10	PVC	6	C900	1713 6'FM @ RANGELAND PKWY & BENITO CT	GV @ LS, GV @ RANGELAND PKWY & BENITO CT	230	3
227 ESPLANADE 3	290 N27.27349 W82.24440	SE	13349 SORRENTO WAY	193	55.6	4	HDPE	6.0	8	PVC	4	PVC	1140 44TH AVENUE	GV @ LS & TERMINATION LOCATION	230	3
228 FAIRFAX	493 N27.46082 W82.50950	SE	4214 FAIRFAX DR. E.	114	21.7	4	DIP	6.0	8	DIP	4	PVC	290 M.H. 4228 FAIRFAX DR.E.	GV,@ L.S.	230	3
229 FAIRWAY IMPERIAL	583 N27.59034 W82.49885	NE	6365 BOBBY JONES CT.	324	123.0	4	PVC	8.0	10	PVC	4	PVC	50 IMPERIAL LAKES F.M. 50FT. E. OF L.S.	G.V. @ LS & TERMINATION	460	3
230 FAIRWAY LAKES	490 N27.40546 W82.48483	SE	7553 58ST.CT.E.	174	70.7	4	DIP	6.0	8	DIP	4	PVC	1100 PALM AIRE 5 M.H. 7608 LINKS CT.	GV,@ L.S.	230	3
231 FAIRWAY SIX	451 N27.41269 W82.48969	SE	5610 DORAL DR.	86	20.0	4	PVC	6.0	8	DIP	4	PVC	500 P.A.#5 F.M.,WHIT.AV.& F.V.#6 ENTR.	GV,@ LS & TERMINATION LOCATION	230	3
232 FIDDLER'S CREEK	868 N27.25356 W82.31071	SE	6670 PROSPECT ROAD	21	25.0	2	PVC	4.0	8	PVC	2	DR-9	571 TIES INTO CENTER LAKE FM @ 65TH AVE CIR EAST	GV @ LS & TERMINATION LOCATION	230	3
233 FIDDLER'S GREEN	250 N27.51162 W82.65335	SW	1312 91st.CT.N.W.	146	78.0	2	SS	4.0	8	PVC	3	PVC	1277 M.H. @ 1711 91ST.N.W., MANGO PARK	GV,@ L.S.	230	3
234 FIVE LAKES	140 N27.45011 W82.59569	SW	5130 34TH ST. W.	150	15.0	4	PVC	6.0	8	VCP	4	PVC	238 M.H.,3312 51AV.TERR.W.	NONE	230	1
235 FLAMINGO BLVD.	132 N27.43488 W82.58096	SW	1902 FLAMINGO BLVD.	350	27.0	4	PVC	6.0	8	VCP	6	CIP	MH, 6020 HOPKINS DR.N.	NONE	230	3
236 FLAMINGO CAY	208 N27.49580 W82.66422	SW	10301 MAN.AV.W.	320	54.0	4	HDPE	10.0	10	DIP	6	PVC	6400 M.H.,PALMA SOLA BLVD.& MAN.AV.,S.E.CORN.	NONE	230	3
237 FLEET SERVICES	162 N27.45785 W82.62746	SW	4700 66TH. ST.W.	25	41.0	2	PVC	6.0	8	PVC	2	HDPE	234 F.M. @ FLEET SERVICES ENTRANCE		208	3
238 FOREST CREEK 1	814 N27.55577 W82.43497	NE	4616 FORREST CREEK TRAIL	330	90.0	4	C900	6.0	8	PVC	6	C900	3300 16' F.M., US301 @ FORREST CREEK ENTRANCE	PV,@LIFT STATION & TERMINATION LOCATION	230	3
239 FORT HAMER PARK	844 N27.52594 W82.42982	NE	1605 FT. HAMER ROAD	74	134.0	2	PVC	4.0	6	PVC	2	C900	RIVER WILDERNESS 7 FORCE MAIN @ ENTRANCE ON FT. HAMER RD.	GV,@LIFT STATION & TERMINATION LOCATION	230	3
240 FOSTER'S GROVE	571 N27.57592 W82.51884	NE	6903 47th.AVE.E.	220	102.0	4	C900	8.0	10	PVC	6	C900	195 N1B F.M. @ 69ST.E. & 47AV.E., SE CORNER	GV,@LIFT STATION & TERMINATION LOCATION	460	3
241 FOX CHASE	542 N27.53942 W82.46968	NE	9218 29TH ST. E.	100	38.0	4										

260 GREYHAWK LANDINGS 4	676 N27.49336 W82.41973	SE	12230 MULBERRY AVE.	250	49.0	4	HDPE	6.0	8	PVC	6	C900	2700 MANHOLE C-6, PETUNIA TERRACE, GREYHAWK LNDG.W. PH. 5	GV @ LS, ROSEMARY CIR., RAGDOLL RUN.	230	3
261 GREYHAWK LANDINGS 5	280 N27.29332 W82.25515	SE	1027 117TH STREET E	100	30.0	4	HDPE	6.0	8	PVC	4	C900	1435 18' WEST OF C/L OF 117TH ST E AND 21.5' S OF C/L OF LS DRIVEWAY	GV @ LS & TERMINATION LOCATION	230	3
262 GULF COAST CORPORATE PARK	500 N27.58030 W82.53526	NE	7535 WESTPARK PLACE	320	28.0	4	C900	6.0	8	PVC	6	C900	1030 MH, N1B	PV, @ L.S.	230	3
263 GULF COAST SHOPS	545 N27.53427 W82.50720	NE	5461 FACTORY SHOPS BLVD.	350	114.0	4	C900	8.0	8	PVC	8	C900	T.V.#4 F.M., 60AV.E. & 19ST.E.(SW CORNER)	GV,@LIFT STATION & TERMINATION LOCATION	460	3
264 GULF DRIVE & 68TH STREET	70 N27.51343 W82.72239	SW	6709 GULF DRIVE	130	8.0	3	PVC	4.0	8	VCP	4	PVC	MH. 205 68ST.	NONE	230	1
265 HARBOR WOODS	228 N27.50202 W82.61460	SW	5116 4TH AVE. N.W	98	31.4	4	C900	5.0	10	VCP	4	PVC	1250 M.H.,5504 2AV.DR.N.W.	NONE	230	3
266 HARBORAGE	651 N27.44315 W82.49103	SE	5610 55TH.AVE.E.	120	139.0	4	PVC	6.0	8	PVC	4	C900	700 39-A F.M., NATALIE WAY	GV,@LIFT STATION & TERMINATION LOCATION	460	3
267 HARMONY	252 N27.27027 W82.25395	SE	11920 MALACHITE DR	322	62.0	6	HDPE	6.0	8	PVC	6	C900	1653 SW CORNER ON WHITE EAGLE AND MALACHITE DR	GV @ L.S., 14' FROM BOC AND 860' FROM WHITE EAGLE	230	3
268 HARRISON RANCH 1	815 N27.56205 W82.46616	NE	5323 98TH.AVE.E.	467	134.0	4	PVC	10.0	10	PVC	8	x 18 x 20 C900	13306 SEWWTP	PV,@LIFT STATION & TERMINATION LOCATION	460	3
269 HARRISON RANCH 2	820 N27.55624 W82.46132	NE	4738 100TH.DR.E.	79	18.2	4	PVC	6.0	8	PVC	4	C900	960 M.H. B-20	PV @ SLAUGHTER CANAL CROSSING	230	3
270 HARRISON RANCH 3	821 N27.55711 W82.45788	NE	10427 48TH.CT.E.	79	35.0	4	PVC	6.0	8	PVC	4	C900	750 F.M. @ LOT 61	PV @ L.S.	230	3
271 HARRISON RANCH 4	842 N27.56892 W82.45406	NE	10708 58TH. ST.E.	350	87.9	6	PVC	10.0	8	PVC	8	C900	1940 18' FM, HARRISON RANCH BLVD.	PV,@LIFT STATION & TERMINATION LOCATION	460	3
272 HAWAIIAN VILLAGE	403 N27.42608 W82.57118	SW	102 MOLOKAI DR.	155	18.0	3	PVC	4.0	8	VCP	3	PVC	165 M.H., 6415 1ST.W.	NONE	230	3
273 HAWTHORN PARK	251 N27.51059 W82.65474	SW	1202 92nd.ST.N.W.	122	29.0	4	C900	6.0	8	PVC	4	PVC	825 M.H., FIDDLER'S GREEN, 9110 16AV.CIR.N.W.	GV, @ LIFT STATION	230	3
274 HEATHER GLENN	560 N27.57334 W82.49630	NE	6609 67th.ST.E.	500	95.0	6	HDPE	8.0	10	PVC	6	PVC	800 N1-B F.M., ERIE ROAD & 65 DR.E.	GV,@LIFT STATION & TERMINATION LOCATION	230	3
275 HEATHER HILLS	416 N27.45449 W82.56356	SW	109 49AV.DR.W.	200	21.0	3	PVC	4.0	8	CIP	6	PVC	MH., 4812 SST.W.	NONE	230	3
276 HENSON INDUSTRIAL PARK	430 N27.43161 W82.52862	SE	2821 62AV.E.	140	28.0	4	HDPE	4.0	10	VCP	4	CIP	963 STATE CORRECT.INST. F.M.,63AV.E.,S.OF L.S.	GV,N.OF PAVEMENT @TERMINATION LOCATION	230	3
277 HERITAGE HARBOUR 10	682 N27.50946 W82.46232	SE	7615 GRAND HERITAGE PLACE	117	21.5	4	C900	6.0	8	PVC	4	C900	914 MH 1-36, PORT HARBOUR PKWY.	PV @ LS	230	3
278 HERITAGE HARBOUR 11	692 N27.51427 W82.46871	SE	7140 RIVER HAMMOCK DRIVE	214	40.0	4	PVC	6.0	8	PVC	6	PVC	2700 EXIST. 6" FM @ GRAND ESTUARY TRAIL & WINDING BROOK LAKE	PV @ LS & TERMINATION	230	3
279 HERITAGE HARBOUR 12	609 N27.51313 W82.47199	SE	6830 GRAND ESTUARY TRAIL	215	33.5	4	HDPE	6.0	8	PVC	6	C900	3058 M.H. @ RIVER STRAND BLVD. & GRAND ESTUARY TRAIL	PV @ LS, STA 37+45, STA 48+42	230	3
280 HERITAGE HARBOUR 13	675 N27.50768 W82.47387	SE	6806 QUIET CREEK DR	177	66.0	4	HDPE	6.0	8	PVC	4x6	PVC	4' 1610,6" 220 TIES INTO 8" EXISTING FM AT PORT HARBOR PKWY	GV @ LS, NW CORNER AT WILLOWSHIRE WAY AND RIV	230	3
281 HERITAGE HARBOUR 14	612 N27.50945 W82.47860	SE	6608 CANDLESTICK DR	150	59.0	4	HDPE	6.0	8	PVC	4	PVC	2016 TIES INTO 6" FM AT H. PRESERVE RUN & WILLOWSHIRE	GV @ LIFT STATION & 595 LF FROM INTERSECTION OF	230	3
282 HERITAGE HARBOUR 15	859 N27.30306 W82.25462	SE	6814 PORT HARBOUR PKWY	42	27.7	2	HDPE	5.0	8	PVC	2	PVC	522 8" AT OPPOSITE SIDE OF PORT HARBOUR PKWY.	GV,@LIFT STATION, @ FM TIE-IN LOCATION	230	3
283 HERITAGE HARBOUR 3	628 N27.49782 W82.45880	SE	615 HERITAGE ISLES WAY	131	42.7	4	PVC	8.0	8	PVC	4	x 6 C900	1500 MH, RIVER HERITAGE BLVD. @ GUARDHOUSE	GV, @ LIFT STATION	460	3
284 HERITAGE HARBOUR 4	631 N27.50622 W82.45974	SE	206 HERITAGE ISLE WAY	192	52.0	4	PVC	6.0	8	PVC	4	C900	1420 MH.BEHIND 109 NEW BRITON CT. ON PORT HARBOUR PKWY.	GV,@ LIFT STATION	230	3
285 HERITAGE HARBOUR 5	641 N27.49295 W82.45001	SE	8685 STONE HARBOUR LOOP	110	84.0	4	PVC	6.0	8	PVC	4	x 6 C900	3390 H.H.#3 F.M. @ STONE HARBOUR LOOP & HERITAGE ISLE WAY	GV, @ LIFT STATION	230	3
286 HERITAGE HARBOUR 6	647 N27.49168 W82.45231	SE	9047 STONE HARBOUR LOOP	124	85.0	4	PVC	6.0	8	PVC	4	x 6 C900	3160 MH #1-45 @ GUARDHOUSE	GV, @ LIFT STATION	230	3
287 HERITAGE HARBOUR 7	652 N27.50112 W82.45034	SE	327 GOLDEN HARBOUR TRAIL	138	103.0	4	PVC	6.0	8	PVC	4	x 6 C900	5645 M.H. #1-36, PORT HARBOUR PARKWAY	PV, @ LIFT STATION	230	3
288 HERITAGE HARBOUR 8	674 N27.51340 W82.45853	SE	8804 RIVER PRESERVE DRIVE	242	42.0	4	PVC	6.0	8	PVC	6	C900	2500 MH#9-30, ST.147+00, GRAND ESTUARY TRAIL	PV, @ LIFT STATION	230	3
289 HERITAGE HARBOUR 9	667 N27.51032 W82.44972	SE	320 RIVER ENCLAVE COURT	418	94.7	4	PVC	8.0	8	PVC	6	C 900	1825 MH #1-36	PV @ LIFT STATION & WINDING RIVER TRAIL	230	3
290 HERITAGE HARBOUR MASTER	640 N27.50123 W82.46665	SE	7299 MONTAUK POINT CROSSING	1654	181.0	10	HDPE	12.0	24	PVC	16	C900	7031 F.M., LENA RD. & SR64	GV,@LIFT STATION & TERMINATION LOCATION	460	3
291 HERON CREEK	862 N27.34897 W82.31653	NE	7511 36TH AVE E	150	100.0	4	PVC	8.0	8	PVC	4	PVC	340 AT THE 10x4 WET TAP	GV @ LIFT STATION	230	3
292 HIDDEN HOLLOW	455 N27.40693 W82.50531	SE	7801 N.LOCKWD RDG.RD.	120	98.0	4	PVC	6.0	4	PVC	4	C900	40 COUNTRY OAKS F.M.,LOCKWOOD RIDGE RD. @ L.S.	GV,@TERMINATION LOCATION	230	3
293 HIGHLAND RIDGE	625 N27.46476 W82.52015	SE	3804 34ST.E., BRAD.	275	85.0	6	PVC	6.0	8	PVC	6	C900	6920 MH, 30ST.E. & 51AV.E.	GV, @ LIFT STATION	230	3
294 HORSESHOE COVE 1	315 N27.44832 W82.48503	SE	5200 60ST.E.	500	140.0	4	HDPE	6.0	8	PVC	6	PVC	50 39-A (#9 MASTER) FORCEMAIN, E. OF L.S.	GV,@LIFT STATION & TERMINATION LOCATION	460	3
295 HORSESHOE COVE 2	314 N27.45147 W82.48712	SE	5100 60ST.E.	85	17.0	4	C900	6.0	10	PVC	4	DIP	MH, PALMETTO TRAIL & PELICAN LOOP	NONE	230	1
296 IMPERIAL HOUSE	55 N27.46952 W82.69784	SW	611 GULF DR.N.	280	8.0	3	PVC	4.0	8	VCP	4	DIP	MH. E. OF 1-C L.S.	NONE	230	1
297 IMPERIAL LAKES	510 N27.59289 W82.50548	NE	8208 LAKESIDE DR. PAL.	400	73.8	4	PVC	8.0	10	PVC	8	PVC	N1B F.M.,FISHFARM RD. & ERIE RD.	GV,@LIFT STATION & TERMINATION LOCATION	230	3
298 INDIGO 1	866 N27.27737 W82.24836	SE	4231 AZURITE WAY	215	43.3	4	HDPE	6.0	8	PVC	4	PVC	1259 TIES INTO 24" WEST OF AZURITE WAY ON 44TH AVE	GV,@LIFT STATION & TERMINATION LOCATION	230	3
299 INDIGO 2	872 N27.27901 W82.24715	SE	13306 INDIGO WAY	381	82.3	4	HDPE	8.0	8	PVC	6	PVC	2115 N. R/W LINE OF 44TH AVE E, 985' E OF N BOUND LN OF AZURITE WAY	GV,@LIFT STATION & 28' N OF C-LINE OF CRYSTAL CLE	230	3
300 JIGGS LANDING	697 N27.43275 W82.48160	SE	6096 63 ST.E.	51	78.0	2	HDPE	4.0	6	PVC	2	PVC	1338 MH AT 25858 LINGER LODGE RD.	PV, @ LIFT STATION	230	1
301 KAY RD. (#10)	328 N27.50374 W82.48136	SE	900 KAY RD.	200	35.0	6	C900	8.0	8	DIP	6	PVC	2950 M.H., W.OF MANATEE PALMS #1 L.S.	GV,@LIFT STATION	230	3
302 KEW GARDENS	576 N27.56501 W82.50209	NE	5904 60TH PL. E.	139	25.1	4	C900	6.0	8	PVC	4	C900	840 HEATHER GLENN MH @ 6009 61ST.E.	GV,@LIFT STATION	230	1
303 KEY ROYALE & IVANHOE	61 N27.52599 W82.71617	SW	708 KEY ROYALE DR.	50	25.0	4	PVC	6.0	8	PVC	4	PVC	1200 M.H.,686 KEY ROYALE DR., IN MEDIAN	NONE	230	3
304 KINGSFIELD GROVES 1	572 N27.54847 W82.43675	NE	11710 OLD TAMPA ROAD	200	86.0	4	HDPE	6.0	8	PVC	4	C900	47 RIVER WLDNS.#4 FM @ OLD TAMPA RD.	GV,@LIFT STATION & TERMINATION LOCATION	230	3
305 KINGSFIELD GROVES 2	575 N27.54911 W82.42907	NE	4043 BANBURY CIR.	252	105.0	4	HDPE	6.0	8	PVC	6	C900	2750 RIVER WLDNS. 4 F.M. @ KINGSFIELD 1 L.S.	GV, @ LIFT STATION	230	3
306 KINGSFIELD LAKES	589 N27.55136 W82.44115	NE	4202 DOUGLAS HILL PL.	145	122.0	4	PVC	6.0	8	PVC	6	C900	4800 TWIN RIVERS F.M. @ US 301 & CHIN RD.	GV,@LIFT STATION & TERMINATION LOCATION	460	3
307 KINNAN SCHOOL	299 N27.40347 W82.52170	SE	PROSPECT & TALLEVAST	130	40.7	4	PVC	6.0	8	PVC	6	C900	245 COUNTRY PALMS FM @ TALLEVAST RD. & PROSPECT RD.	GV,@LIFT STATION & TERMINATION LOCATION	230	3
308 LACANTERA	672 N27.41715 W82.40550	SE	13408 MANTAZAS PLACE	175	35.8	4	C900	8.0	8	PVC	4	C900	1250 MH 240-7, 250 SW OF INTER.OF LACANTERA PL. & ARNOLD PALMER W.	PV,@LIFT STATION	230	3
309 LAKE BRIDGE	108 N27.44114 W82.59626	SW	5700 34ST.W.	50	55.0	4	PVC	6.0	8	VCP	4	PVC	350 12-A F.M.,34ST.W.@ ENTR.	GV,@TERMINATION LOCATION	230	3
310 LAKE CLUB 1	679 N27.39495 W82.38573	SE	8000 LAKE CLUB BLVD.	605	34.6	6	PVC	12.0	12	PVC	8	C900	1150 M.H. LAKE CLUB BLVD. & STAY SAIL COURT	PV,@LIFT STATION	230	3
311 LAKE CLUB 2	680 N27.39421 W82.37559	SE	16310 CLEAR LAKE AVE.	500	76.1	6	PVC	8.0	8	PVC	6	x 4 C900	2015 MH 15-1 ON CLEAR LAKE AVE.	PV,@L.S. & E. OF CLEARLAKE AVE. & DAYSAILER TRAIL	230	3
312 LAKE CLUB 3	684 N27.39026 W82.37620	SE	1621 BAYCROSS DRIVE	390	83.2	6	C900	8.0	8	PVC	6	C900	3650 M.H.2-2, 170' N.OF V.V., STA.#2	PV @ LS & BOWSPIRT WAY & CLEARLAKE AVE.	230	3
313 LAKE CLUB 4	698 N27.40097 W82.37900	SE	16210 DAYSAILER TRAIL	175	54.7	4	PVC	6.0	8	PVC	4	C900	2085 MH 15-1 ON CLEAR LAKE AVE.	PV,@LIFT STATION	230	3
314 LAKE CLUB 5	600 N27.23875 W82.22343	SE	7984 BOWSPIRIT WAY	175	68.0	4	PVC	6.0	8	PVC	4	PVC	1700 TIES INTO EXISTING FM ALONG CLEARLAKE AVE	GV @LIFT STATION	230	3
315 LAKE ROYALE	148 N27.47183 W82.61214	SW	5024 32AV.DR.W.	175	20.0	4	C-900	5.5	8	PVC	4	PVC	1100 M.H. @ 2815 51ST.W., W.SIDE	GV,@LIFT STATION	230	1
316 LAKE VISTA	673 N27.39911 W82.43835	SE	7719 LAKE VISTA COURT	110	78.0	4	C900	6.0	8	PVC	4	C900	131 LAKEWOOD RE-PUMP FORCEMAIN E. OF LS	GV,@LIFT STATION & TERMINATION LOCATION	230	3
317 LAKERIDGE FALLS	619 N27.39415 W82.51432	SE	4205 LAKERIDGE BLVD., BRAD.	385	86.0	4	PVC	8.0	10	PVC	6	x 8 x 10 C900	5068 UNIV.WALK F.M. @ TUTTLE AVE. & LAKERIDGE BLVD.	GV,@LIFT STATION & TERMINATION LOCATION	230	3
318 LAKESIDE PRESERVE	818 N27.56009 W82.42876	NE	5120 120TH.AVE.E.	180	85.7	4	HDPE	6.0	8	PVC	6	C900	2800 FORT HAMER RD. @ ENTRANCE TO LAKESIDE PRESERVE	PV @ LS AND TERM.LOCATION, 3 ARVS.	208	3
319 LAKEWOOD CENTRE CONDO	279 N27.26467 W82.25507	SE	5721 NEW HAVEN BLVD	535	145.0	8	HDPE	8.0	8	PVC	8	C900	838 NW CORNER @ INTERSECT OF RANGELAND & NEWHAVEN BLVD	GV @ LS AND TIE IN POINT	460	3
320 LAKEWOOD MEADOW	388 N27.41117 W82.42883	SE	11119 STAR RUSH PLACE	413	32.0	4	C900	6.0	8	PVC	6	C900	18 L.R. RE-PUMP FM @ LKWD.RANCH BLVD., E. OF L.S.	GV,@LIFT STATION & TERMINATION LOCATION	230	3
321 LAKEWOOD NATIONAL</																

347 LYCHEE ACRES 2		371 N27.46277 W82.49193	SE	5508 41AV.E.	30	80.0	2 PVC	6.0	8 PVC	2 PVC	961 BASHAW SCHOOL FM @ MORGAN JOHNSON RD.	GV,@LIFT STATION & TERMINATION LOCATION	230	3
348 LYCHEE ACRES 3		372 N27.46208 W82.49077	SE	5515 43AV.E.	30	80.0	2 PVC	6.0	8 PVC	2 PVC	564 BASHAW SCHOOL FM @ MORGAN JOHNSON RD.	GV,@LIFT STATION & TERMINATION LOCATION	230	3
349 M.C.U.O.D.		117 N27.46058 W82.62739	SW	4508 66th.ST.W.	140	23.0	3 PVC	4.0	6 CIP	4 PVC	DORAYE VILLAS F.M.,N.OF LAB	GV,@TERMINATION LOCATION	230	3
350 MACARTHUR & MEADOWBROOK		437 N27.41177 W82.56270	SW	506 MACARTHUR	180	25.0	4 PVC	6.0	12 CIP	6 HDPE	1975 M.H.13006 @ INTERSECT CHEVY CHASE DR & WEEBURN ST	NONE	230	3
351 MAGNOLIA POINT		254	SE	4010 WHITFIELD AVE	117	59.7	4 HDPE	6.0	8 PVC	4 PVC	2141 10' FM ON PROSPECT JUST SOUTH OF WHITFIELD AVE	GV,@LIFT STATION,SOUTHSIDE OF WHITFOELD AVE 11	230	3
352 MAGNOLIA RIDGE		275 N27.25472 W82.29294	SE	5740 MAGNOLIA RIDGE PLACE	38	59.0	2 PVC	5.0	8 PVC	2 PVC	285 2' VALVE 48' WEST OF C/L MAGNOLIA RIDGE PL & 50' SOUTH OF C/L HC	GV,@L.S. & TERMINATION LOCATION	230	3
353 MALLORY PARK		287 N27.28128 W82.25270	SE	3325 CRANSTON WAY	390	70.8	6 HDPE	8.0	8 PVC	6 PVC	2140 NW CORNER @ INTERSECT OF MALLORY PK AVE & WOOD FERN TRL	GV,@L.S. W. OF SEABROOK AVE & MALLORY PK AVE	230	3
354 MANASOTA INDUSTRIAL PARK		318 N27.46191 W82.54247	SE	4414 18TH ST. E.	200	23.0	4 C900	6.0	10 PVC	6 PVC	2500 M.H., 3721 19TH.ST.CT.E.	GV,@L.S.VALVE BOX	230	3
355 MANATEE COUNTY GOLF COURSE		261 N27.44812 W82.62252	SW	6415 53AV. W.			2 PVC			3 PVC	2300 PARK & REC. MAINTENANCE BLDG.	GV,@L.S.	230	1
356 MANATEE COUNTY JAIL		565 N27.64197 W82.53783	NE	14470 HARLEE RD.	200	54.0	4 C900	6.0	10 PVC	6 PVC	9456 PORT MAN.STOCKADE F.M. @ PAT GLASS BLVD. & HARLEE RD.	GV,@L.S & TERMINATION LOCATION	460	3
357 MANATEE OAKS		474 N27.45502 W82.51943	SE	4702 34th.CT.E.	210	64.0	4 DIP	8.0	8 PVC	6 PVC	1300 M.H., 31ST.CT.E.& 48AV.DR.E.	GV,@L.S.	230	3
358 MANATEE PALMS 1		313 N27.49643 W82.48139	SE	115 KAY ROAD	700	130.0	10 HDPE	10 X 14	18 PVC	12 PVC	650 S.E.W.W.T.P.	GV,@LIFT STATION	480	3
359 MANATEE PALMS 2		312 N27.49828 W82.48076	SE	303 64ST.N.E.	170	34.0	4 C900	6.0	8 PVC	4 PVC	320 M.H.,203 64ST.N.E., N.W. CORNER	NONE	230	1
360 MANATEE WOODS	SERENDIPITY..... M	319 N27.46940 W82.56079	SW	3600 3ST.E.	133	20.2	4 DIP	8.0	10 PVC	8 PVC	3000 M.H., 37AV.DR.E. & 9 ST.E.	GV,@LIFT STATION	230	3
361 MANDALAY		648 N27.43190 W82.50446	SE	4509 62ND.AV.E.	151	154.0	4 HDPE	6.0	8 PVC	4 C900	2879 41A FM @ LOCKWOOD RDGE.RD. & 62ST.N.E.	PV,@LIFT STATION & TERMINATION LOCATION	460	3
362 MARINE RESCUE		75 N27.44927 W82.69002	SW	2651 GULF DR. S.	15	105.0	2 PVC	4.0	6 PVC	1.5 PVC	719 COQUINA BEACH 4 F.M.	PV,@LIFT STATION & TERMINATION LOCATION	230	3
363 MARINELAND		331 N27.42505 W82.47478	SE	6729 65TH AVE. E.	110	60.0	4 HDPE	8.0	10 PVC	4 PVC	MH AT BRADEN RIVER LS		230	3
364 MCKINLEY OAKS	MULHOLLAND PRE!	827 N27.53651 W82.41129	NE	2605 130TH.AVE.E.	80	173.0	4 PVC	6.0	8 PVC	4 C900	3500 S.W.CORNER MULHOLLAND RD. & 124TH.AVE.E.	PV,@LIFT STATION & TERMINATION LOCATION	230	3
365 MEADOWBROOK ESTATES		590 N27.56765 W82.53059	NE	6013 33RD.DR.E.	100	42.0	4 PVC	6.0	8 PVC	4 C900	2310 MH, 28th.AV.E. (JACKSON RD.) & 61st.ST.E. (PALM VIEW RD.)	GV,@LIFT STATION	230	1
366 MEDOR SUB-DIVISION		471 N27.43681 W82.55556	SW	5824 8ST.CT.E.	115	8.0	4 DIP	6.0	8 PVC	4 PVC	85 M.H., 85' W.OF L.S., E.END OF 59AV.E., E. OF 5 ST.E.	GV,@LIFT STATION	230	1
367 MEMPHIS ROAD		534 N27.52835 W82.54632	NE	1721 17ST.E.	775	28.0	8 S.S	12.0	18 DIP	12 PVC	3798 M.H.@ 17th.ST.E. & 28th.AV.E.	GV,@L.S., PV.17ST.E.,170' W. OF 24AV.E.	230	3
368 MILL CREEK 1		350 N27.48956 W82.40096	SE	711 MILL RUN E.	788	37.0	6 HDPE	8.0	10 PVC	8X12 PVC	9050 M.H. @ MISSIONARY VILLAGE L.S.	GV,@LIFT STATION	230	3
369 MILL CREEK 2		358 N27.49787 W82.40509	SE	13407 2AV.N.E.	95	38.0	4 C900	6.0	10 PVC	6 PVC	8100 MILL CREEK I.M.H. @ 201 131ST.E.	GV,@LIFT STATION	230	3
370 MILL CREEK 3		373 N27.50633 W82.40433	SE	13501 5TH AVE. N. E.	100	46.0	4 C900	6.0	8 PVC	4 C900	1510 MILL CREEK #4 F.M.	GV,@TERMINATION LOCATION	230	3
371 MILL CREEK 4		374 N27.51223 W82.40540	SE	811 137TH ST. N. E.	467	112.0	6 C900	8.0	8 PVC	6 C900	3591 MILL CREEK #2 F.M.	GV,@TERMINATION LOCATION	460	3
372 MILL CREEK 5		395 N27.48326 W82.40351	SE	1781 RYE ROAD E.	81	84.1	4 C900	6.0	8 PVC	4 C900	240 MILL CREEK 1 F.M.	GV,@LIFT STATION & TERMINATION LOCATION	230	3
373 MILL CREEK 6		642 N27.48050 W82.39816	SE	14310 18TH.PL.E.	112	80.0	4 PVC	6.0	8 PVC	6 C900	3055 MILL CREEK 1 F.M.	GV,@LIFT STATION & TERMINATION LOCATION	230	3
374 MILL CREEK 7		658 N27.48334 W82.38923	SE	15101 17th.AVE.E.	90	28.0	4 C900	6.0	8 PVC	4 C900	2500 MH, MILL CREEK 6	GV,@LIFT STATION	230	3
375 MILLS ELEMENTARY SCHOOL		801 N27.57429 W82.48954	NE	7200 69th.ST.E.	100	44.8	4 PVC	6.0	8 PVC	4 C900	80 N1B FM @ ENTRANCE	GV,@LIFT STATION AND TERMINATION LOCATION	230	3
376 MIRAMAR		653 N27.38933 W82.39845	SE	8350 LORRAINE RD.	64	33.0	2 PVC	4.0	8 PVC	2 PVC	277 MH#9, STA 19+74.37	PV,@LIFT STATION	230	3
377 MIRROR LAKE		107 N27.43835 W82.59573	SW	5900 34ST.	75	78.0	4 HDPE	6.0	8 PVC	4 PVC	50 12-A,F.M.34ST.W.@ ENTRANCE	GV,@TERMINATION LOCATION	230	3
378 MISSIONARY VILLAGE		329 N27.48763 W82.42540	SE	1201 117 ST.E.	930	101.0	8 HDPE	8.0	10 DIP	6 PVC	4400 UPPER MAN.RIV.RD. F.M. @ SR64 AND UPPER MAN.RIV.RD.	GV,@LIFT STATION	460	3
379 MORTON VILLAGE		110 N27.44384 W82.59637	SW	5400 34TH ST. W.	125	76.0	4 CIP	6.0	8 CIP	4 PVC	500 12-A F.M.,34ST.W.@ ENTR.	GV,@TERMINATION LOCATION	230	3
380 MOTE RANCH 1		478 N27.41575 W82.48531	SE	5850 CARRIAGE DR.	423	115.0	6 HDPE	8.0	10 DIP	6 PVC	2750 P.A.#3 F.M., @ WHITFIELD AVE. ENTRANCE	GV,@LIFT STATION & TERMINATION LOCATION	460	3
381 MOTE RANCH 2		367 N27.41992 W82.48241	SE	6775 HONORE AVE.	167	61.0	4 C900	6.0	10 C900	4 C900	3010 MH S.OF MOTE RANCH #1, OLD FARM ROAD	GV,@LIFT STATION	230	3
382 MOTE RANCH 3		398 N27.41741 W82.47587	SE	6611 HONORE AVE.	128	110.0	4 C900	6.0	8 PVC	4 PVC	1350 M.R.#2 F.M. @ HONORE AV. & OLD FARM RD., SE CORNER	GV,@LIFT STATION & TERMINATION LOCATION	230	3
383 N10A		540 N27.52256 W82.52749	NE	1024 CHURCH ST.	35	58.0	1.5 SS	4.0	8 PVC	2 PVC	875 RIVERVIEW PLAN.PLAZA F.M., CHURCH ST. & PATTON AVE.		230	3
384 N1B MASTER		549 N27.57579 W82.53485	NE	2887 69 ST.E.	1400	223.0	16 DIP	(2)17.5X 15.75	30 DIP	16 PVC	18675 T.V.#4 FM, ERIE RD. ENTRANCE TO NEWWTP	ARV's & PV's ALONG ERIE RD.	480	3
385 N1C		546 N27.54721 W82.47760	NE	3800 ERIE RD.	1460	58.3	8 HDPE	12.0	30 DIP	8 C900	80 T.V.#4 FM, ERIE RD. ENTRANCE TO L.S.	GV,@LIFT STATION & TERMINATION LOCATION	480	3
386 N1E		561 N27.53071 W82.50312	NE	6100 18ST.E.	150	120.0	4 HDPE	8.0	8 DIP	4 PVC	650 T.V.#4 FM, 19ST. WEST OF 60AV.E.	GV,@LIFT STATION & TERMINATION LOCATION	230	3
387 N1H		513 N27.61559 W82.53891	NE	11220 US41 NORTH	500	65.8	8 HDPE	12.0	18 PVC	12 PVC	12200 MH, US41 & ERIE RD.	GV,@LIFT STATION	230	3
388 N2B		548 N27.55612 W82.56616	NE	326 47ST.W.	1000	90.0	10 HDPE	12.0	30 DIP	12 PVC	11570 MH.@ US41 & PALM VIEW RD.	PV US41 & BAYSHORE RD., BAYSHORE & PALM VIEW	480	3
389 N3A		535 N27.51616 W82.53565	NE	343 HIGHLAND SHORES DR.	97	49.2	4 HDPE	6.0	8 PVC	4 PVC	2397 PLANTATION BAY M.H. @ 2518 5CT.E.	GV,@LIFT STATION	230	3
390 N3B		544 N27.56607 W82.56449	NE	100 58ST.E.	450	120.0	6 HDPE	8.0	12	6 PVC	3300 N2-B FM, BAYSHORE RD. & PALM VIEW RD.	GV,@LIFT STATION; PV @ TERMINATION LOCATION	480	3
391 N4A		536 N27.51792 W82.52834	NE	630 LEFFINGWELL AVE.	187	64.0	4 HDPE	6.0	8 PVC	4 PVC	919 PLAN.BAY F.M., LEFFINGWELL & CEDAR	GV,@L.S.,GV. & ARV. @ TERMINATION LOCATION	230	3
392 N4B		550 N27.57835 W82.55187	NE	1211 72ST.E.	1080	60.0	8 HDPE	10.0	18 DIP	10 PVC	4300 MH. @ 69ST.E. & US41	GV,@LIFT STATION	480	3
393 N4E		551 N27.52674 W82.51176	NE	5103 19ST.E.	75	135.0	2 PVC	6.0	8 DIP	3 PVC	1110 T.V.#4 FM, EAST SIDE OF 5305 19ST.E.	GV,@LIFT STATION, GV.N.SIDE 5309 19ST.E.	230	3
394 N5A		537 N27.51809 W82.51874	NE	619 45AV.E.	124	75.0	4 HDPE	6.0	8 PVC	4 PVC	2702 PLAN.BAY F.M., MOTOR AV. & CEDAR ST.	GV,@LIFT STATION & TERMINATION LOCATION	230	3
395 N5B		552 N27.59306 W82.54299	NE	8818 BAYSHORE RD.	600	42.0	6 PVC	8.0	12 DIP	8 PVC	7795 N4B M.H.@ 7400 BAYSHORE RD.	GV,@LIFT STATION	230	3
396 N6A		538 N27.52053 W82.51506	NE	901 NANCY GAMBLE LANE	75	90.0	2 PVC	4.0	8 PVC	2 PVC	1830 M.H.@ 4705 US 301 W. OF GAMBLE CT.	GV,@LIFT STATION	230	3
397 N6B		553 N27.54328 W82.57215	NE	755 33ST.W.	430	91.0	4 PVC	8.0	12 DIP	6 PVC	6811 M.H.@ 3313 5AV.W., BAYOU ESTATES	GV,@L.S, 33ST & 5AV, 5 AV"S*CURVE, 43ST & 5AV	230	3
398 N7A		554 N27.53972 W82.54827	NE	2889 16th.AV.E.	315	53.0	4 HDPE	6.0	18 DIP	6 PVC	4040 M.H.@ CANAL RD. & 21ST.E.	GV, L.S., 26ST & 16AV.E., 21ST. & 16AV.E.	480	3
399 N8A		539 N27.52193 W82.53255	NE	1002 MARK AV.	43	52.8	2 PVC	4.0	8 PVC	2 PVC	RIVERVIEW PLAN.PLAZA L.S.		230	3
400 N8B		543 N27.54874 W82.55699	NE	701 39ST.E. (MENDOZA RD.)	865	78.0	6 HDPE	12.0	18 PVC	8 PVC	2980 M.H.@ U.S.41 & 43ST.E.	GV,@LIFT STATION	480	3
401 N9A		555 N27.53588 W82.56002	NE	450 25ST.E.	240	20.0	4 DIP	6.0	10 DIP	6 PVC	1650 M.H.@ 7AV.E. & 27ST.E.	GV,@LIFT STATION	230	3
402 NEW 301 IND.PARK		344 N27.39674 W82.53214	SE	8029 25 ST.CT.E.(US 301)	32	132.0	2 PVC	4.0	8 PVC	2 PVC	4122 M.H.@ 3-A LIFT STATION	GV,@LIFT STATION	230	3
403 NORTH COUNTY MAINT. BLDG		860 N27.34513 W82.29003	NE	5800 69TH ST. E.	50	40.0	2 PVC	4.0	6 PVC	2 HDPE	140.3 EXISTING MANHOLE IN NEWWTP	GV,@LIFT STATION	230	3
404 NORTH OAKS		599 N27.59907 W82.53630	NE	9406 27TH.AVE.E.	135	85.2	4 PVC	5.0	8 DI	4 C900	1900 N1H F.M.@ MOCCASIN WALLOW RD. & US 41, N.E. CORNER	GV,@LIFT STATION & TERMINATION LOCATION	230	3
405 NORTH ORANGE		579 N27.53556 W82.54762	NE	1615 24TH ST. E.	100	22.0	4 C900	5.0	8 PVC	4 C900	1550 N7-A F.M.@ CANAL RD. & 187 FT.S. OF 24ST.E.	GV,@LIFT STATION & W. OF CANAL RD.	230	3
406 NORTH RIVER ESTATES		807 N27.54556 W82.49261	NE	7050 35th.ST.E.	175	136.0	4 PVC	6.0	8 PVC	4 C 900	1400 8' F.M. @ VICTORY RD. & 71 PLE.	PV,@LIFT STATION & TERMINATION LOCATION	460	3
407 NORTHWOOD PARK		802 N27.57784 W82.52001	NE	4264 70th.ST.CIR.E.	100	90.0	4 PVC	6.0	8 PVC	4 C900	1550 N1B FORCEMEAIN, ERIE RD. & 43AVE.E.	PV,@LIFT STATION & TERMINATION LOCATION	230	3
408 NSK1		505 N27.58501 W82.61462	NE	7900 U.S.19 NORTH	70	116.0	2 PVC	8.0	8 PVC	4 PVC	NSK-2 LIFT STATION	GV,@LIFT STATION	230	3
409 NSK2		562 N27.57945 W82.57219	NE	410 TERRA CEIA RD.	210	49.0	4 C900	6.0	8 PVC	6 PVC	8200 M.H. BISHOP HARBOR RD. & BAYSHORE RD.		230	3
410 OAK CREEK		568 N27.54684 W82.50404	NE	5910 37ST.E.	170	18.5	4 C900	6.0	8 PVC	4 PVC	M.H.@ COLONY COVE 8 L.S.		230	3
411 OAK TERRACE		473 N27.44039 W82.52147	SE	3300 56th. TERRACE E.	456	26.0	6 HDPE	8.0	12 DIP	8 PVC	2250 M.H. 60' E. OF PET MILK LIFT STATION		230	3
412 OAKLEAF HAMMOCK 1		809 N27.54981 W82.49119	NE	3924 70 AVE.E.	125	123.0	4 PVC	6.0	8 PVC	4 C900	1400 COVERED BRIDGE F.M. @ MENDOZA RD. & 70TH.AVE.E.	PV,@LIFT STATION & TERMINATION LOCATION	460	3
413 OAKLEAF HAMMOCK 2		841 N27.55813 W82.49042	NE	4922 72 TERRACE E.	236	34.0	6 PVC	8.0	8 PVC	6 C900	2617 M.H. 7803 55TH. ST. E. (THOUSAND OAKS)	PV @ LS, STAT.68+18, STAT.90+23.	230	3
414 OAKLEAF HAMMOCK 3		853 N27.33601 W82.29843	NE	5106 65TH TERRACE E.	101	23.8	4 HDPE	6.0	8 PVC	4 PVC	400 M.H. @ INTERSECTION OF 65TH TER. 3. & 49TH CT. E.	GV, @ LIFT STATION	230	3
415 OAKVIEW		810 N27.53771 W82.53558	NE	2625 28TH.AV.E.	348	51.0	4 PVC	8.0	8 PVC	6 C900	3421 M.H. 17TH.ST.E. & 28TH.AV.E.	PV,@L.S., E. SIDE OF ENTRANCE @ 21ST.CT.E.	230	3
416 OAKWOOD ESTATES		508 N27.53383 W82.55543	NE	2260 9AV.E.	110	52.5	4 C900	6.0	8 PVC	4 PVC	#N/A N7A FM.@ CANAL RD. & 28ST.CT.E., N.W.CORNER	GV,@LIFT STATION & TERMINATION LOCATION	230	3
417 OAKWOOD VILLAS		160 N27.45278 W82.58972	SW	5048 LIVE OAK CIRCLE			3 PVC	4.0		6	736 M.H. IN FRONT OF BRADEN LAKES L.S.	GV,@LIFT STATION	230	3
418 OLD MILL PRESERVE	JACKLYN OAKS	835 N27.56796 W82.49345	NE	61ST.E.	275	88.0	6 PVC	8.0	8 PVC	6 C900	2806 N1B F.M. @ OLD MILL DR. & 69ST.E.	PV,@LIFT STATION & TERMINATION LOCATION	230	3
419 OLD TAMPA ESTATES		812 N27.53915 W82.471												

434 PALMA SOLA BALL PARK		257 N27.46637 W82.64213	SW	4000 80ST.W.	35	22.0	2 PVC	4.0	6 PVC	2 PVC	M.H. @ 4008 79ST.W.	GV,@L.S.	230	3
435 PALMA SOLA CAUSEWAY	PALMA SOLA REC.F	209 N27.49656 W82.65634	SW	9000 MAN.AV.W.	108	12.0	3 PVC	4.0	4 CIP	4 PVC	M.H., 15 FT. EAST OF FLAMINGO CAY L.S.	NONE	230	1
436 PALMA SOLA WOODS 1		214 N27.48239 W82.63681	SW	2002 75TH ST. W.	20	76.0	2 PVC	4.0	6 PVC	2 PVC	MH, 2015 75ST.W.		230	3
437 PALMA SOLA WOODS 2		215 N27.48358 W82.63824	SW	1824 76TH ST. W.	26	17.5	2 PVC	4.0	8 VCP	2 PVC	760 M.H.,75ST.W.& 19AV.DR.W.		230	1
438 PALMA VISTA	SAND LAKES	201 N27.46655 W82.64542	SW	4100 PALMA SOLA BLVD.	100	33.1	4 C900	6.0	8 PVC	4 PVC	30 F.M.,19-D @ SAND LAKES L.S.	NONE	230	1
439 PALMETTO ESTATES		823 N27.53547 W82.55188	NE	1209 24TH.ST.E.	240	58.0	4 PVC	6.0	8 PVC	6 C900	1340 N7-A F.M.@ CANAL RD. & N.E. CORNER OF PALMETTO ESTS.	PV @ L.S. & TERMINATION	230	3
440 PALMS CENTER		322 N27.46685 W82.54861	SW	1324 37TH AVE. E.	100	42.0	4 C900	6.0	8 PVC	4 PVC	100 SAMOSET 1 F.M.,37AV.E.,N.OF L.S.	GV,@L.S.	230	3
441 PARC IMPERIAL		577 N27.59020 W82.49548	NE	6150 BOBBY JONES RD.	150	40.0	4 PVC	6.0	6 PVC	4 PVC	2400 M.H. @ 6255 BOBBY JONES CT.		230	3
442 PARK & REC. MAINTENANCE BLDG.		144 N27.45284 W82.61965	SW	5161 65th.ST.W.	50	25.0	3 PVC	3.0	4 PVC	3 PVC	3000 S.W.R.T.P.		230	1
443 PARK ACRES		417 N27.45689 W82.56847	SW	4802 PARK CIR.(6ST.W.)	120	28.1	4 PVC	5.0	8 VCP	4 PVC	843 M.H., @ 26-A LIFT STATION		230	1
444 PARKCREST LANDINGS		864 N27.29736 W82.29502	SE	5505 1ST AVE EAST	210	77.0	4 HDPE	6.0	8 PVC	4 DR18	1174 RIVERDALE 1 F.M.	GV, @ L.S. & @ POINT OF CONNECTION	230	3
445 PARKLAND CENTER		461 N27.42759 W82.53266	SE	6491 PARKLAND DR.	100	69.0	4 C900	6.0	8 VCP	4 PVC	1680 STATE CORRECT.INST. F.M. @ 63AV.E. & PARKLAND DR.	GV,@TERMINATION LOCATION	230	3
446 PARKWOOD LAKES		566 N27.53802 W82.47471	NE	2700 88AV.E.	150	40.0	4 C900	6.0	8 PVC	6 PVC	3800 FOX CHASE M.H. @ 3305 92AV.E.		230	3
447 PEARCE BUSINESS CENTER		253 N27.24912 W82.31301	SE	7055 33RD ST E	189	45.2	4 PVC	6.0	8 PVC	4 PVC	1095 MANHOLE @ 33RD ST E AND WHITFIELD AVE	GV, @ L.S. & WHITFIELD R.O.W.	230	3
448 PERICO ISLAND		207 N27.49658 W82.67042	SW	407 107th.Ct.W.	165	48.0	4 HDPE	6.0	8 DIP	6 PVC	2750 FLAMINGO CAY F.M.,MAN.AV.& 102ST.W.		230	3
449 PERIDIA 1		476 N27.45175 W82.51090	SE	5050 PERIDIA BLVD.E.	700	44.0	8 HDPE	8.0	12 PVC	10 PVC	3263 1ST.M.H. SOUTH OF SR70 ON 37ST.E., S.E.CORNER		230	3
450 PERIDIA 2		489 N27.45646 W82.50702	SE	4808 PERIDIA BLVD.E.	240	25.3	6 HDPE	6.0	10 PVC	6 PVC	MH, 4902 PERIDIA BLVD.E.		230	3
451 PESCARA LAKES		409 N27.43806 W82.55870	SW	500 58AV.DR.W.	200	20.0	3 PVC	5.0	12 VCP	6 PVC	3450 MH. @ E.ENTRANCE OF SWAN LAKE MHP & 57AV.		230	1
452 PINEHURST		456 N27.40936 W82.49959	SE	4924 LINSEY CT.	200	63.0	4 DIP	6.0	8 DIP	6 PVC	6800 COUNTRY OAKS F.M., 65FT.N. OF DRIVEWAY @ 7310 LOCKWOOD RDGE.RD.		230	3
453 PINEWOOD VILLAGE		401 N27.42508 W82.57037	SW	6552 9TH ST. W.	255	27.5	4 PVC	5.0	6 VCP	6 PVC	MH, 6516 12ST.W.		230	1
454 PLANTATION BAY		514 N27.51869 W82.53887	NE	625 25TH.AVE.DR.E. (Behind House)	735	63.1	8 HDPE	8.0	10 PVC	10 PVC	M.H., TIDE VUE #4 LIFT STATION		230	3
455 PLAYERS DRIVE		688 N27.23613 W82.24057	SE	14044 PLAYERS DRIVE	95	21.6	4 PVC	6.0	8 PVC	4 C900	210 1ST.M.H. WEST OF STATION ON PLAYERS DRIVE		230	3
456 PLEASANT LAKE		663 N27.44718 W82.47577	SE	6732 52AVE.E.	190	21.1	4 HDPE	5.0	8 PVC	6 PVC	3832 M.H. @ BRADEN RIVER H.S.		230	1
457 POLO RUN		293	SE	6448 ROSEHILL FARM RUN	325	95.0	6 HDPE	8.0	8 PVC	8 C900	1550 40' W OF POLO TRAIL & 62' N OF SR 70	GV,@LIFT STATION & TERMINATION LOCATION	480	3
458 POPE ROAD MASTER		683 N27.46174 W82.41854	SE	12405 44th.Ave.E.	5500	68.0	16 SS	24X30	27/24 PVC	30 DIP	SEWWTP	PV 27' W.OF VV; 44AV.W.OF LKWD.RCH.BLVD.	460	3
459 POPI'S PLACE IV	CASA MIA RESTAUF	506 N27.52116 W82.52533	NE	3915 U.S. 301 N.	160	12.0	4 HDPE	5.0	8 VCP	6 PVC	PLANTATION BAY F.M.,ADJACENT TO CASA MIA L.S.	GV,@TERMINATION LOCATION	230	3
460 PORT MANATEE 1		511 N27.63590 W82.55759	NE	742 NORTH DOCK ST.	125	27.0	4 C900	4.0	8 VCP	4 PVC	P.M.3 M.H.@ REEDER RD., S. OF INTERMODAL CIR.	GV,@LIFT STATION	230	3
461 PORT MANATEE 2		512 N27.63199 W82.55741	NE	602 TAMPA BAY WAY	131	45.0	4 PVC	7.3	8 PVC	4 PVC	2300 M.H. SOUTH OF PORT MAN.1 L.S.	GV,@LIFT STATION	230	3
462 PORT MANATEE 3 (N1-G)		563 N27.63602 W82.55715	NE	805 NORTH DOCK ST.	200	53.0	4 PVC	8.0	8 PVC	6 PVC	2870 PORT MAN.STOCKADE F.M. @ US41 & S.DOCK RD.	GV,@LIFT STATION & TERMINATION LOCATION	230	3
463 PORT MANATEE 4		567 N27.63597 W82.55454	NE	1039 NORTH DOCK ST.	30	12.0	1.5 PVC	4.0	6 PVC	2 PVC	80 P.M.#2 FM,		230	3
464 PORT MANATEE 5		574 N27.63318 W82.55725	NE	13240 EASTERN AVE.	33	27.0	2 PVC	4.0	6 PVC	2 POLY	80 P.M. #2 FM	GV,@LIFT STATION & TERMINATION LOCATION	230	3
465 PORT MANATEE 6		581 N27.63147 W82.56042	NE	210 DEL MONTE WAY	28	39.0	2 PVC	4.0	6 PVC	2 POLY	1400 MH S.CRUISE TERM.RD., 310' E. OF CRUISE TERM.	GV,@LIFT STATION	230	1
466 PORT MANATEE 7		587 N27.63269 W82.55944	NE	602 SOUTH DOCK STREET	103	20.0	4 PVC	5.5	PVC	4 PVC	762 MH SOUTH SIDE OF WAREHOUSE, PM#2 LIFT STATION	GV,@LIFT STATION	460	3
467 PORT MANATEE 8		816 N27.63633 W82.54802	NE	13604 REEDER RD.	140	45.0	4 PVC	6.0	8 PVC	4 C900	233 P.M.3 F.M. @ REEDER RD. & N.DOCK ST.	PV,@LIFT STATION & TERMINATION LOCATION	230	3
468 PORT MANATEE 9		834 N27.63088 W82.56104	NE	665 DEL MONTE WAY	27	30.0	2 FRP	4.0	8 PVC	2 HDPE	540 PORT MANATEE 6 WET WELL	GV,@LIFT STATION	460	3
469 PORT MANATEE STOCKADE		556 N27.64402 W82.53929	NE	14490 HARLEE ROAD	200	45.0	4 PVC	6.0	8 PVC	10 PVC	14200 M.H., N1-H LIFT STATION	GV,@LIFT STATION	230	3
470 QUAIL RUN		479 N27.41011 W82.51058	SE	7341 LINDEN LN.	170	28.0	4 HDPE	6.0	8 DIP	6 PVC	2500 CNTRY.OAKS F.M. @ LOCKWOOD RIDGE RD. & 74AV.E.	GV,@LIFT STATION & TERMINATION LOCATION	230	3
471 RAVEN CREST		854 N27.26844 W82.25462	SE	835 116TH COURT NE	49	43.9	2 HDPE	5.0	8 PVC	3 PVC & HDPE	2265 M.H. @ GREYHAWK BLVD 800' N OF UMR	GV @ L.S. & SW CORNER UPRR AND GREYHAWK BLVD	230	3
472 RED LOBSTER		407 N27.44007 W82.57539	SW	5715 14ST.W.	150	25.0	4 PVC	5.0	8 VCP	6 PVC	1500 M.H.,N.END OF TODD & LEISURE, S.W.CORNER	GV,@LIFT STATION	230	1
473 REGENCY OAKS 1		547 N27.59441 W82.48781	NE	8808 71AV.E.	150	99.0	4 C-900	8.0	10 C-900	8 PVC	1020 IMPERIAL LAKES F.M., FISH FARM RD. & BOBBY JONES CT.	GV,@LIFT STATION & TERMINATION LOCATION	230	3
474 REGENCY OAKS 2		582 N27.59277 W82.48850	NE	7209 91ST.E., PAL.	90	25.0	4 PVC	6.0	8 PVC	4 C900	1150 REGENCY OAKS #1 M.H. @ 7117 91ST.E.	GV,@LIFT STATION	230	1
475 RIDGEWOOD 1		570 N27.53416 W82.49390	NE	7004 US301 N.	370	4.0	4 C-900	6.0	10 VCP	4 PVC	C.C.#6 LIFT STATION	GV,@LIFT STATION	230	3
476 RIVER CLUB 1		494 N27.42772 W82.43625	SE	6310 RIVER CLUB BLVD.	100	48.8	4 HDPE	6.0	10 DIP	4 PVC	1985 MH @ SE CORNER 9902 BRADEN RUN	GV,@LIFT STATION	230	3
477 RIVER CLUB 2		495 N27.42014 W82.43314	SE	6700 PINEHURST PL.	200	35.0	6 HDPE	7.0	10 DIP	6 PVC	4500 MH, NW CORNER 10006 CLUBHOUSE DR.	GV,@LIFT STATION	230	3
478 RIVER CLUB 3		347 N27.42073 W82.43976	SE	10205 CLUB HOUSE DR.	100	20.0	4 DIP	6.0	10 PVC	4 PVC	1150 MH, NW CORNER 10006 CLUBHOUSE DR.	GV,@LIFT STATION	230	1
479 RIVER CLUB 4		352 N27.41721 W82.43625	SE	6925 RIVER CLUB BLVD.	468	108.0	6 C900	8.0	10 PVC	8X6X8 PVC	1720 FM., R.C.#2, E.SIDE OF R.C.#2	GV,@LIFT STATION	480	3
480 RIVER CLUB 5		364 N27.40801 W82.43843	SE	7515 RIVER CLUB BLVD.	160	21.0	4 C900	6.0	10 PVC	4 PVC	1430 M.H., RC#4, RIVER CLUB BLVD. & ROYAL LYTHAM AVE.	GV,@LIFT STATION	230	1
481 RIVER CLUB 6		368 N27.41254 W82.44487	SE	10015 CHERRY HILLS AVE.CIR.	70	14.5	4 C900	6.0	10 PVC	4 PVC	MH, RC#4, CHERRY HILLS AVE.CIR. & RIVER BIRCH CT.	GV,@LIFT STATION	230	1
482 RIVER CLUB 7		377 N27.40107 W82.44608	SE	7514 TRALEE WAY	160	57.0	4 C900	6.0	8 PVC	4 C900	2440 MH @ CHERRY HILL AV.CIR. & FOUNTAIN GRASS LANE	GV,@LIFT STATION & NW CORNER OF TERMINATION P	230	3
483 RIVER CLUB COMMERCIAL PARK		694 N27.42508 W82.45737	SE	8006 CIRCLEWOOD AVE.	450	123.0	6 C900	8.0	10 PVC	8 C900	6800 BRADEN WOODS F.M., NORTH SIDE OF SR 70	GV,@LIFT STATION & TERMINATION LOCATION	460	3
484 RIVER HARBOR WEST		242 N27.52070 W82.65008	SW	2622 88TH ST. CT. N. W.	88	31.2	4 PVC	6.0	8 PVC	4 PVC	1780 M.H.,21AV.N.W. & 85ST.N.W.	NONE	230	1
485 RIVER LANDINGS BLUFF		346 N27.44350 W82.48469	SE	5509 61ST. ST. E.	111	45.0	4 DIP	6.0	8 PVC	4 PVC	M.H. @ BRADEN RIVER H.S.	GV,@LIFT STATION	230	3
486 RIVER PLACE		635 N27.43205 W82.46756	SE	6915 TARA BLVD.	325	86.0	6 C900	8.0	8 PVC	6 C900	2130 ARVIDA F.M., BEHIND 6812 71ST.E.	GV,@LIFT STATION & TERMINATION LOCATION	230	3
487 RIVER PLANTATION 1		806 N27.53111 W82.41760	NE	12600 22ND.CT.E.	235	138.0	4 PVC	6.0	8 PVC	4 X 6 C900	2734 CHELSEA OAK F.M. @ FORT HAMER RD.	PV,@LIFT STATION & TERMINATION LOCATION	480	3
488 RIVER PLANTATION 2		811 N27.53331 W82.41122	NE	12906 22ND.CT.E.	140	50.0	4 PVC	6.0	8 PVC	4 C900	2030 M.H. 22ND.CT.E.	PV,@LIFT STATION	230	3
489 RIVER POINT 1		357 N27.50366 W82.51428	SE	308 39TH ST. N. E.	200	19.0	4 C900	6.0	10 C900	6 C900	1450 M.H. @ 3905 2AV.E.,(RIVERDALE)	GV,@LIFT STATION	230	3
490 RIVER POINT 2		310 N27.50405 W82.51741	SE	322 36th.ST.N.E.	140	39.0	4 PVC	6.0	8 PVC	4 C900	1100 M.H. @ 3616 2DR.N.E.	GV,@LIFT STATION	230	3
491 RIVER SOUND		691 N27.48630 W82.49616	SE	1478 BLUE HORIZON CIRCLE	290	100.0	4 PVC	8.0	8 PVC	6 C900	10050 MH @ BASHAW ELEM.SCHOOL L.S.	PV,@LIFT STATION	460	3
492 RIVER WILDERNESS 1		529 N27.54399 W82.44640	NE	3441 BROOKRIDGE LN.	200	34.6	4 HDPE	7.0	8 PVC	6 PVC	3600 2nd.MH E.SIDE OF RIVER WILDERNESS ENTRANCE RD.	GV,@LIFT STATION	230	3
493 RIVER WILDERNESS 2		530 N27.53456 W82.44011	NE	2510 RIVER WLDNS.BLVD.W.	170	74.0	4 DIP	7.0	8 PVC	4 PVC	2200 2nd.MH E.SIDE OF RIVER WILDERNESS ENTRANCE RD.	GV,@LIFT STATION	230	3
494 RIVER WILDERNESS 3		531 N27.54264 W82.43584	NE	2995 WILDERNESS BLVD. E.	210	115.0	4 DIP	7.0	8 PVC	4 PVC	3500 M.H., 2923 WILDERNESS BLVD.W.	GV,@LIFT STATION	230	3
495 RIVER WILDERNESS 4		532 N27.54809 W82.43671	NE	11721 OLD TAMPA RD.	500	65.0	8 S.S	8.0	10 PVC	10 PVC	6400 N1-C M.H.	GV,@LIFT STATION	230	3
496 RIVER WILDERNESS 5		515 N27.53253 W82.43211	NE	2341 LITTLE COUNTRY ROAD	300	63.0	4 DIP	6.0	8 PVC	8 PVC	RIVER WILDERNESS #4 WETWELL		230	3
497 RIVER WILDERNESS 6		585 N27.53462 W82.44199	NE	11542 SAVANNAH LAKES DR.	100	31.0	4 PVC	6.0	8 PVC	4 C900	1250 M.H. @ 2426 WILDERNESS BLVD.	GV,@LIFT STATION	230	3
498 RIVER WILDERNESS 7		836 N27.52727 W82.43896	NE	1909 RIVER SHORES TRAIL	176	175.0	4 PVC	6.0	8 PVC	6 C900	3503 CHELSEA OAK F.M. @ FORT HAMER RD.	PV,@LIFT STATION & TERMINATION LOCATION	460	3
499 RIVER WIND		863 N27.30865 W82.22385	SE	928 RIVERWIND CIRCLE	237.6	92.5	4 HDPE	6.0	8 PVC	6 C900	6080 INTO EXISTING FM ON RYE ROAD ACROSS FROM 167 BLVD NE	GV, @LIFT STATION, 3 ADDITIONAL CONTACT COLLEC'	230	3
500 RIVER WOODS 1		564 N27.54194 W82.45056	NE	3202 RIVERWOODS DR.	264	89.0	4 HDPE	8.0	8 PVC	6 PVC	4090 RIVER WILDERNESS #4 FM @ OLD TAMPA RD. & RIVER WOODS DR.	GV,@LIFT STATION & F.M. TERMINATION	230	3
501 RIVER WOODS 2														

521 S-2		338 N27.47772 W82.55573	SW	2312 8th.ST.E.	342	93.0	4X6 C900	8.0	16 PVC	6 PVC	4300 F.M., 12", 37AV.E. & 9ST.E.	GV,@LIFT STATION	230	3
522 S-3		339 N27.47531 W82.55002	SW	2901 12th.ST.CT.E.	250	85.0	6 HDPE	8.0	10 PVC	6 PVC	3910 F.M., 8", 9ST.E. & 30AV.E.	GV,@LIFT STATION	230	3
523 S-4		340 N27.48224 W82.54651	SW	1919 15th.ST.E.	100	35.0	4 C900	6.0	10 PVC	4 PVC	1780 M.H.,15ST.E. & 26AV.E.	GV,@LIFT STATION	230	3
524 S-5		341 N27.47705 W82.53749	SW	2206 26th.AV.E.	450	40.0	8 HDPE	8.0	16 PVC	8 PVC	1370 M.H.,30AV.E. & 23ST.CT.E.	GV,@LIFT STATION	230	3
525 S-6		342 N27.47459 W82.53016	SW	2800 27th.ST.E.	85	37.0	6 HDPE	8.0	10 PVC	6 PVC	2750 M.H.,30AV.E. & 23ST.CT.E.	GV,@LIFT STATION	230	3
526 S-7		343 N27.46227 W82.54760	SW	1403 44th.AV.E.	35	46.0	4 C900	6.0	10 PVC	4 PVC	1100 M.H., 9ST.E. & 44 AV.E.	GV,@LIFT STATION	480	3
527 SABAL COVE	PET MILK	470 N27.44642 W82.52179	SE	5340 33ST.E.	935	56.5	6 C900	6.0	16 PVC	6 PVC	700 38A FM, SR70 & 33ST.E.	GV @LS, TERM.LOC., ARV 275' S.SR70	460	3
528 SABAL HARBOR 1		386 N27.45022 W82.50474	SE	4503 SABAL KEY DR.	550	35.0	6 HDPE	8.0	10 PVC	8 PVC	2180 M.H.@ N.W. CORN. SR70 & 45ST.E.	GV,@LIFT STATION	230	3
529 SABAL HARBOR 2		392 N27.46129 W82.50239	SE	4524 USEPPA DRIVE.	296	40.5	6 C900	6.0	10 PVC	4 C900	1910 M.H.@ 4650 SABAL HARBOUR DRIVE	GV,@LIFT STATION	230	3
530 SABAL PALMS		216 N27.47613 W82.63500	SW	7225 28TH AVE. W.	200	33.0	4 HDPE	6.0	8 VCP	6 PVC	1430 M.H.,75ST.W.,135N.OF 27AV.W.		230	3
531 SAMOSET 1		308 N27.46944 W82.54235	SW	1801 34AV.E.	1150	60.0	8 HDPE	12.0	18 DIP	12X16 PVC	6670 M.H.,9ST.E.& 53AV.		230	3
532 SAN REMO		204 N27.46291 W82.66398	SW	4316 101ST ST. W.	240	22.0	4 HDPE	6.0	10 VCP	4 PVC	300 M.H.,CORTEZ RD.& 101ST.W.,N.SIDE	NONE	230	3
533 SARA PALMS		309 N27.41590 W82.50745	SE	7018 42CT.E.	125	74.6	4 HDPE	6.0	8 C-900	4 PVC	1010 COUNTRY OAKS F.M. @ LOCKWOOD RDGE.RD. & 70 DR.E.	GV,@LIFT STATION AND TERMINATION LOCATION	230	3
534 SARABAY APARTMENTS		134 N27.41805 W82.57813	SW	1710 69TH AVE. W.	100	18.0	4 PVC	7.0	8 VCP	6 PVC	976 M.H. ON BAY DR., 75FT. N. OF L.S.	NONE	230	3
535 SAUNDERS ROAD INDUSTRIAL PK.		467 N27.43539 W82.52874	SE	2803 59th.AV.DR.E.	100	14.0	4 HDPE	6.0	8 PVC	4 PVC	550 M.H.@ 6003 28ST.E.	GV,@LIFT STATION	230	3
536 SAVANNAH		266 N27.41337 W82.52010	SE	71ST.AVE.E.	165	67.0	4 PVC	6.0	8 PVC	4 C900	1050 8" F.M. @ ENTRANCE ON PROSPECT RD.	PV,@LIFT STATION AND TERMINATION LOCATION	230	3
537 SERENITY CREEK		856 N27.82410 W82.24330	SE	13045 UTOPIA LOOP	155	96.0	4 HDPE	6.0	8 PVC	4X6 PVC X HDPE	4160 12" F.M. ON SR 64	GV,@LIFT STATION, CHECK L/S FILE 5 ADD. VALVES	230	3
538 SHEFFIELD GLENN		830 N27.57136 W82.48745	NE	6310 75TH.AVE.E.	132	47.7	4 PVC	6.0	8 PVC	4 C900	1133 N1B FM @ ENTRANCE ON 69TH.ST.E.	PV,@LIFT STATION AND TERMINATION LOCATION	230	3
539 SILVER LAKE		270 N27.43266 W82.49438	SE	5238 60TH. DRIVE E.	200	152.0	4 HDPE	8.0	8 PVC	6 C900	5740 39-A F.M. @ 57AVE. AND LOCKWOOD RIDGE ROAD	5967 48ST.E., LOCKWOOD RIDGE RD. & 59AVE.E.	460	3
540 SILVER PALMS		255 N27.25973 W82.24207	SE	6015 SILVER PALM BLVD	427	85.0	4 HDPE	8.0	8 PVC	6 PVC	290 100' EAST OF CL OF SILVER PALM BLVD & 20' N OF E/P OF SR 70	GV @LS & TERMINATION LOCATION	230	3
541 SILVERLEAF		857 N2733.040 W82.26915	NE	11131 WOODLAKE WAY	286	65.0	6 HDPE	8.0	8	6X8 DR18	1105 X 2288 8" GV AT US 301 (EAST OF SILVERLEAF AVE)	GV@LS, 6" GV @ SHIMMERING OAK DR,8" GV @ SILVERLEAF	230	3
542 SOLEIL WEST		272 N27.23600 W82.31611	SE	3020 ESMERALDA DR.	155	28.3	4 HDPE	6.0	8	4 DR18	650 MH ON ORIOLE DR JUST EAST OF EASTERN SOLEIL PROPERTY LINE	GV @ LIFT STATION	230	3
543 SONOMA		678 N27.39294 W82.49344	SE	5329 NAPA DRIVE	138	33.0	4 C900	6.0	8 PVC	4 C900	1129 MH. COUNTRY PKY.	PV @ LIFT STATION	230	3
544 SOUTHEAST MASTER LIFT STATION		677 N27.39612 W82.39389	SE	14700 THE MASTERS AVE.	1300	143.0	8 SS	16 X 16	21 PVC	18 C900	TEMP. TERMINATION IS SOUTH R/W LINE MASTERS AVE. N. OF METER	VAULT	460	3
545 SOUTHEAST PLANT MAINTENANCE		276 N27.27894 W82.26489	SE	SEWWTP	46	75.1	2 PVC	4.0	6 PVC	2 PVC	290 TIES INTO 36" FM AT WEST SIDE OF ENTRY	GV @ LIFT STATION	230	3
546 SPANISH PARK		213 N27.48980 W82.62089	SW	5905 11TH AVE. W.	180	27.0	4 C900	6.0	10 VCP	6 PVC	700 M.H.,811 60ST.W.	NONE	230	3
547 SPANISH POINT		584 N27.59471 W82.50370	NE	5701 SPANISH POINT COURT	88	21.0	4 PVC	6.0	8 PVC	4 C900	465 PARC IMPERIAL F.M. @ 6255 BOBBY JONES CT.	GV,@LIFT STATION	230	3
548 STATE ROAD 70		381 N27.44697 W82.50548	SE	5236 45th.ST.E.	600	35.0	6 HDPE	6.0	10 PVC	8 C900	530 39-A MH, N.W. WINN-DIXIE EXIT	GV,@LIFT STATION	230	3
549 STONE CREEK		320 N27.46737 W82.52719	SW	2805 34AV.DR.E.	206	36.0	4 PVC	8.0	8 PVC	6 PVC	2875 M.H., 3204 21ST.E.	GV,@LIFT STATION	230	3
550 STONELEDGE		400 N27.415 W82.054	SE	4593 75TH ST E	42	27.7	2 HDPE	5.0	8 PVC	2 PVC	522 M.H. @ INTERSECTION OF 73RD SE & 47th AVE E	GV,@LIFT STATION	230	3
551 SUGAR MILL LAKES		586 N27.55593 W82.53199	NE	4603 32ND.AVE.E.	205	65.0	4 PVC	6.0	8 PVC	4 C900	700 M.H., EXPERIMENTAL FARM RD.	GV,@LIFT STATION	230	3
552 SUGAR RIDGE		361 N27.46694 W82.52372	SW	3107 37TH TER. E.	125	30.6	4 HDPE	6.0	10 PVC	4 PVC	1560 M.H.@ 2923 34AV.DR.E.	GV,@LIFT STATION	230	3
553 SUMMERFIELD 1		359 N27.43108 W82.41792	SE	11911 WINDING WOODS WAY	324	69.4	4 C900	6.0	8 PVC	4 PVC	5400 SUMMERFIELD 4 F.M.@ SUMMERFIELD PKWY. & FOX GRAPE LANE	GV,@LIFT STATION	230	3
554 SUMMERFIELD 2		363 N27.42660 W82.41992	SE	6405 BLACKBERRY LANE	322	53.0	4 C900	6.0	8 PVC	4 PVC	3800 SUMMERFIELD 4 F.M.@ SUMMERFIELD PKWY. & BLUEBERRY LANE	GV,@LIFT STATION	230	3
555 SUMMERFIELD 3		317 N27.42188 W82.42128	SE	12118 CLUBHOUSE DRIVE	148	45.3	4 C900	6.0	8 PVC	4 PVC	1892 SUMMERFIELD 4 F.M.@ LAKEWOOD RCH.BLVD. & CLUBHOUSE DR.	GV,@LIFT STATION	230	3
556 SUMMERFIELD 4		378 N27.42881 W82.41491	SE	6253 TUPELO TRAIL	170	57.0	4 C900	6.0	8 PVC	4 X 6 C900	1330 LAKEWOOD MASTER	GV,@LIFT STATION	230	3
557 SUMMERFIELD PLAZA		383 N27.43125 W82.42668	SE	11518 PALMBRUSH TRAIL	62	150.0	3 PVC	6.0	4 PVC	4 PVC	LKWD. MASTER F.M., LKW.RCH.BLVD. & PALM BRUSH TRAIL, N.W.CORNER	GV,@LIFT STATION AND TERMINATION LOCATION	460	3
558 SUMMERFIELD VILLAGE		390 N27.25699 W82.25868	SE	11201 CORAL BEAN DR.	175	159.0	4 C900	6.0	8 PVC	6 PVC	1390 LKWD. MASTER F.M., LKW.RCH.BLVD. & PALM BRUSH TRAIL, S.W.CORNER	GV,@LIFT STATION AND TERMINATION LOCATION	460	3
559 SUNBOW BAY		74 N27.49575 W82.70692	SW	3803 EAST BAY DR.	40	20.0	3 PVC	4.0	6 PVC	4 PVC	720 M.H. 6TH. AVE. & 36ST.	GV,@LIFT STATION	230	1
560 SUNKIST ACRES		573 N27.51569 W82.54882	NE	730 15TH AVE. DR. E.	325	71.0	4 C900	6.0	8 PVC	4 C900	PLANTATION BAY F.M.@ 2443 US301	GV,@LIFT STATION AND TERMINATION LOCATION	230	3
561 SUNSET ESTATES		243 N27.51262 W82.64477	SW	1410 83ST.N.W.	125	16.6	4 HDPE	6.0	8 PVC	4 PVC	50 M.H.,1408 83ST.W.	NONE	230	3
562 SYLVIAN OAKS		509 N27.52547 W82.55738	NE	1402 7AV.E.	150	30.0	4 PVC	5.0	8 PVC	4 PVC	1700 M.H., 17th.ST.E., 4 TH.M.H. E. OF 6 AV.E.	GV,@LIFT STATION	230	1
563 TARA 1		496 N27.43971 W82.48040	SE	6501 STONE RIVER RD.	528	32.5	4 HDPE	6.0	8 PVC	6 PVC	600 MH.@6610 STONE RIVER RD.	GV,@LIFT STATION	230	3
564 TARA 2		497 N27.44160 W82.47307	SE	6901 STONE RIVER RD.	275	59.6	4X6 PVC & DIF	6.0	8 PVC	8 PVC	2167 ARVIDA FM, 28' SW OF TARA #20 LS	GV,@LIFT STATION AND TERMINATION LOCATION	230	3
565 TARA 20 MASTER		323 N27.44132 W82.46879	SE	7211 STONE RIVER ROAD	2000	100.0	8 S.S.	10.0	24 DIP	18x20 C900	2950 39A F.M.@ FP&L R/W @ SEWWTP		480	3
566 TARA 3		348 N27.43694 W82.47585	SE	6718 PLEASANT HILL RD.	290	17.0	4 DIP	6.0	8 PVC	8 PVC	2850 MH.@ TARA 2 L.S.	GV,@LIFT STATION	230	3
567 TARA 4		351 N27.43674 W82.48014	SE	6311 STONE RIVER ROAD	90	20.0	4 C900	6.0	8 PVC	4 PVC	1125 MH, TARA 1, 6411 DREWRY'S BLUFF	GV,@LIFT STATION	230	3
568 TARA 5		354 N27.43282 W82.47801	SE	6514 TURNER GAP RD.	125	21.7	4 C900	6.0	8 PVC	4 PVC	825 MH.@ 6625 PLEASANT HILL RD.	GV,@LIFT STATION	230	3
569 TARA 6		613 N27.43472 W82.46741	SE	7406 TARA PRESERVE LN.	400	40.0	6 PVC	8.0	8 PVC	8 C-900	4250 TARA 20 MH INSIDE LS FENCE	GV,@LIFT STATION AND TERMINATION LOCATION	460	3
570 TARA 7		616 N27.42742 W82.46271	SE	6507 TAILFEATHER WAY	670	42.0	4 PVC	8.0	10 PVC	8 C900	M.H.@ 6228 WINGSPAN WAY		230	3
571 TARA 8		617 N27.42083 W82.46312	SE	6803 TAILFEATHER WAY	200	50.4	4 PVC	6.0	8 PVC	4 C-900	850 FIRST M.H. SOUTH OF SWEETBY CIR. ON TAILFEATHER WAY	GV,@LIFT STATION	230	3
572 TERRA SIESTA 1		527 N27.53997 W82.48587	NE	3307 ANASTASIA PLACE	200	16.0	4 PVC	6.0	10 PVC	6 C900	COLONY COVE 10 F.M.	GV,@LIFT STATION	230	3
573 TERRA SIESTA 2		528 N27.54375 W82.48083	NE	BETWEEN 8207 & 8209 GRETCHEN	45	60.0	1 PVC	6.0	8 PVC	2 PVC	1150 M.H.@ 8107 TERRA SIESTA BLVD.		230	1
574 THE ENCLAVE		849 N27.30912 W82.23742	SE	1050 145TH ST. CIR. E.	120	35.7	4 HDPE	6.0	8	4 PVC	1608 EX MH ALONG COUNTRY MEADOWS WAY (SOUTH OF ENCLAVE)	GV @ LIFT STATION	230	3
575 THE ESTUARY		291 N27.30184 W82.39665	SW	610 99TH ST. NW	150	77.1	4 HDPE	6.0	8 PVC	4 PVC	325 TIE INTO EXISTING FM ON 99TH ST. NW 95' SOUTH OF ESTUARY ENT.	GV @ L.S. & TERMINATION LOCATION	230	3
576 THE GARDENS @ PALMAIRE		453 N27.39114 W82.48779	SE	5790 GARDENS DR.	236	38.0	6 HDPE	6.0	12 PVC	6 PVC	3850 MH, PALM AIRE DR. & PALM AIRE LANE	GV,@LIFT STATION	230	3
577 THE LOOP		147 N27.51470 W82.65565	SW	9400 17AV.N.W.	210	41.0	4 C900	6.0	10 PVC	6 PVC	3653 M.H. 83ST. & 17AV.N.W.	GV,@LIFT STATION	230	3
578 THE MOORINGS @ HH		874 N27.30934 W82.27131	SE	615 MOORINGS WAY	32	36.0	2 PVC	4.0	8 PVC	2 HDPE	523 52' N OF CL OF GRAND ESTUARY TRL AND 17' W OF CL OF MOORINGS	GV,@LIFT STATION AND TERMINATION LOCATION	230	3
579 THE NURSERY		264 N27.51304 W82.65269	SW	1508 90th.St.N.W.	30	57.5	2 PVC	6.0	8 PVC	2 PVC	550 F.M. @ ENTRANCE TO SUB-DIVISION	GV,@LIFT STATION AND TERMINATION LOCATION	230	3
580 THE OAKS		212 N27.48785 W82.62250	SW	1312 WATER OAK WAY	100	26.1	4 CIP	6.0	8 VCP	4 PVC	MH, REAR OF 6003 12AV.W., SPANISH PARK		230	1
581 THE RIDGE AT CROSSING CREEK		286 N27.27409 W82.27890	SE	7350 RIDGELAKE CIRCLE	169	96.0	4 HDPE	6.0	8 PVC	4 PVC	720 TIES INTO EXISTING FM ON CREEKWOOD BLVD 40' N OR RIDGELAKE C	GV @ L.S. & TERMINATION LOCATION	230	3
582 THOUSAND OAKS		516 N27.56317 W82.48381	NE	8001 55TH ST. E.	373	85.0	6 C900	6.0	8 PVC	4 PVC	1821 TIDE VUE #4 F.M., ERIE RD. @ ENTRANCE	GV, @ L.S. & TERMINATION LOCATION	230	3
583 TIDEVUE 1		501 N27.52225 W82.52286	NE	4100 10ST.CT.E.	175	15.0	4 HDPE	4 X 4	8 VCP	4 PVC	20 PLANTATION BAY F.M., W. OF L.S.	GV,@LIFT STATION AND TERMINATION LOCATION	230	3
584 TIDEVUE 2		502 N27.52246 W82.51998	NE	4305 10ST.CT.E.	165	18.0	3 PVC	4.0	8 VCP	4 CIP	M.H.@ 4223 10ST.CT.E.	NONE	230	1
585 TIDEVUE 3		503 N27.52676 W82.51809	NE	1407 45AV.DR.E.	170	26.0	4 CIP	6.0	8 PVC	4 CIP	TIDE VUE #1 M.H.@ 1432 41AV.E.	GV,@LIFT STATION	230	3
586 TIDEVUE 4 MASTER		533 N27.52507 W82.52390	NE	1355 41ST AVE. E.	1629	150.0	12 DIP	(2)16.5X17.5	24 DIP	16X20 PVC	6410 N.E. WWTP		480	3
587 TIMBERLAKE		445 N27.39480 W82.48256	SE	8167 MISTY OAKS BLVD.	300									

608 UNIVERSITY WALK	624 N27.39131 W82.51275	SE	8409 TUTTLE AVE.	398	67.0	4	HDPE	8.0	8	PVC	4	C 900	77 COUNTRY PALMS F.M. @ TALLEVAST RD. & PROSPECT	GV,@ L.S. & TERMINATION LOCATION	230	3
609 UPPER MANATEE RIVER RD.	330 N27.48917 W82.43395	SE	1010 UPPER MAN. RIVER ROAD	920	119.0	8	HDPE	10X12	12	DIP	8	PVC	8700 MAN.PALMS FM. @ LENA ROAD & SR64	GV,@ L.S. & TERMINATION LOCATION	460	3
610 VERANDA SPRINGS	541 N27.54624 W82.46587	NE	3705 ASBURY DR.	125	95.0	4	DIP	6.0	8	PVC	6	PVC	80 RIV.WILD.F.M., FOY RD., WEST OF LS	GV,@ L.S. & TERMINATION LOCATION	230	3
611 VICTORIA SQUARE EAST	111 N27.45050 W82.59804	SW	3421 51ST. AVE. DR. W.	150	20.0	3	PVC	4.0	8	VCP	4	PVC	MH, NW CORN. 3208 51AV.TERR.W.	NONE	230	1
612 VICTORIA SQUARE WEST	112 N27.45193 W82.59573	SW	5035 34TH ST. W.	150	20.0	3	PVC	4.0	8	VCP	4	PVC	MH, REAR OF 3277/3275 51 AV.DR.W.	NONE	230	3
613 VILLA AMALFI	284 N27.25731 W82.30433	SE	6304 POSITANO COURT	275	48.0	4	HDPE	6.0	8	PVC	4	PVC	57 63RD AVE & POSITANO CT	GV,@ L.S. & TERMINATION LOCATION	230	3
614 VILLAGES @ PALM AIRE 1	384 N27.25104 W82.30146	SE	4732 WHITFIELD AV.	259	55.0	6	C900	6.0	8	PVC	6	C900	145 VICTORIAN OAK F.M., N. OF VILL.PALM AIRE 1 L.S.	GV,@ L.S. & TERMINATION LOCATION	230	3
615 VILLAGES @ PALM AIRE 2	385 N27.42385 W82.49599	SE	5175 CREEKSIDE TRAIL	271	66.0	6	C900& PV	6.0	8	PVC	6	C900	1692 41-A F.M.,WHITFIELD & W. CNTRY.CLB.LN.	GV,@ L.S. & TERMINATION LOCATION	230	3
616 VIVIENDA	106 N27.43016 W82.59564	SW	6015 34TH ST. W.	80	71.0	4	PVC	6.0	8	PVC	4	CIP	50 12-A F.M.,34ST.W.,W.OF L.S.	GV,@TERMINATION LOCATION	230	3
617 VIZCAYA	141 N27.43176 W82.59561	SW	6271 34TH ST. W.	48	76.0	4	PVC	6.0	8	DIP	4	CIP	50 12-A F.M.,34ST.W.,W.OF L.S.	GV,@TERMINATION LOCATION	230	3
618 WALLINGFORD	622 N27.45591 W82.52149	SE	4410 33CT.E.	115	47.7	4	C900	6.0	10	PVC	4	PVC	2185 MH.@ 4552 31ST.CT.E., MAN.OAKS	GV,@LIFT STATION	230	3
619 WASTEWATER LAB	163 N27.45640 W82.62661	SW	4751 66ST.W.	38	65.0	2	PVC	4.0	8	PVC	2	HDPE	36" FM EAST OF LAB	GV,@ L.S. & TERMINATION LOCATION	460	3
620 WATERCREST	606 N27.39924 W82.43098	SE	6398 WATERCREST WAY	120	84.0	4	PVC	6.0	8	PVC	4	C900	2330 12" FM @ WATERCREST WAY & LAKEWOOD RANCH BLVD.	PV,@ L.S. & TERMINATION LOCATION	230	3
621 WATERFORD	593 N27.58441 W82.51071	NE	5203 LAKEHURST CT.	113	51.0	4	PVC	6.0	8	PVC	4	PVC	4198 MH.@ 8971 FOUNDERS CIR. IN FAIRWAY IMPERIAL	GV,@LIFT STATION	230	3
622 WATERLEFE 1	394 N27.51017 W82.44106	SE	10335 WATERLEFE AVE.	498	230.0	6	HDPE	8.0	8	PVC	6	X 8 C900	7747 ?. GATES CREEK F.M., W.SIDE OF UMMR @ GATES CREEK ENT.	GV,@LS, TERM.& TIE-INS.	460	3
623 WATERLEFE 2	397 N27.51581 W82.43267	SE	10819 WINDING STREAM WAY	158	46.0	4	PVC	6.0	8	PVC	4	C900	1300 M.H.@ 10510 WINDING STREAM WAY	GV,@LIFT STATION	230	3
624 WEST GLENN	146 N27.44848 W82.60059	SW	3912 52AV.DR.W.	126	81.0	4	C900	6.0	8	PVC	6	PVC	300 27-A FM, 53AV. S. OF L.S.	GV,@ L.S. & TERMINATION LOCATION	230	3
625 WEST MEMPHIS (M-1)	557 N27.53340 W82.56462	NE	2279 2 AV.W.	100	45.0	2	PVC	4.0	8	PVC	2	PVC	400 M.H., 2AV. & 21ST.W.	GV,@LIFT STATION	230	3
626 WESTWINDS	316 N27.26637 W82.29727	SE	5316 53AV.E.	250	55.3	4	PVC & DI	6.0	8	DIP	6	PVC	1200 HORSHOE COVE #1 FM, SR70 & NATALIE WAY	230	3	
627 WHITFIELD INDUSTRIAL PARK 1	457 N27.42158 W82.53405	SW	8519 WHIT.IND.PK.LP.	110	24.8	4	CIP	6.0	8	PVC	4	CIP	1200 M.H. WEST OF R.R.TRACK @ 1711A 67AV.E.	230	3	
628 WHITFIELD INDUSTRIAL PARK 2	458 N27.42097 W82.53961	SW	8600 WHIT.IND.PK.LP.	66	33.0	4	HDPE	6.0	8	VCP	4	PVC	MH, 2120 WHITFIELD PARK LOOP	NONE	230	3
629 WHITNEY MEADOWS	592 N27.55445 W82.48074	NE	8383 47TH.ST.CIR.E., ELLEN.	120	78.0	4	PVC	6.0	8	PVC	4	C900	1097 TV4 FORCE MAIN, ERIE RD. & 47ST.CIR.E.	GV,@ L.S. & TERMINATION LOCATION	230	3
630 WILD OAK BAY	105 N27.42542 W82.59891	SW	6461 WILD OAK BAY BLVD.	125	45.0	4	PVC	6.0	10	PVC	4	PVC	MH.@ 3802 SUN EAGLE LANE	230	3	
631 WILDWOOD SPRINGS 1	114 N27.46065 W82.60195	SW	4490 WILDWOOD SPRING PKWY	325	62.5	4	HDPE	6.0	8	CIP	8	PVC	MH, 46AV. & 34ST.W.	230	3	
632 WILDWOOD SPRINGS 2	115 N27.45358 W82.59985	SW	3985 OAKVIEW DR.	190	42.0	4	PVC	6.0	10	VCP	6	PVC	MH, 4910 31ST.W.	230	1	
633 WILLOW WALK	869 N27.33014 W082.31003	NE	4145 LINDEVER LANE	426	50.0	4	HDPE	8.0	18	PVC	8	X 12 PVC	5645 MH ON 49TH STREET E, WEST OF ELLENTON GILLETTE RD	GV @ LIFT STATION	460	3
634 WINDING RIVER	669 N27.51773 W82.39790	SE	1106 143RD.ST.E.	88	40.6	4	PVC	6.0	8	PVC	4	C900	3250 MH, UPPER MAN.RIVER RD.	PV @ LIFT STATION	230	3
635 WINDMILL VILLAGE	405 N27.43120 W82.57424	SW	1395 BAYSHORE GARDENS PKWY	184	59.5	4	HDPE	6.0	10	DIP	4	CIP	MH, REAR OF 6204 14ST.W.	GV,@TERMINATION LOCATION	230	3
636 WINN DIXIE PLAZA WEST	159 N27.44683 W82.59984	SW	3534 53RD AVE. W.	120	87.1	4	PVC	6.0	10	PVC	4	PVC	380 36" F.M. @ 53RD.AV.W.	GV,@ L.S. & TERMINATION LOCATION	230	3
637 WINTERLAND ESTATES	840 N27.53553 W82.48279	NE	2507 80th. Ave. E.	100	32.0	4	PVC	6.0	12	PVC	4	C900	1470 MH E. OF 80TH.AVE. AND 29TH.ST.E.	PV @ LIFT STATION	230	3
638 WISTERIA PARK	263 N27.51791 W82.65214	SW	9005 21ST.AV.N.W.	118	25.0	4	PVC	6.0	8	PVC	4	C900	733 RIVER HARBOR WEST FM @ 21AVE. & 88TH ST. CT. N. W.	GV,@ L.S. & TERMINATION LOCATION	230	3
639 WOODBROOK	492 N27.42524 W82.50080	SE	4820 WOODBROOK DR.	175	80.6	4	HDPE	6.0	8	PVC	4	C900	1923 41A F.M.@ LOCKWOOD RIDGE RD.	PV @ L.S. & TERMINATION	230	3
640 WOODLANDS TRACE	861 N27.25621 W82.30955	SE	3725 WOODCLIFF LAKE TER.	54	30.0	2	PVC	5.0	8	PVC	3	SDR 21	1475 CORNER OF TUTTLE AND 63RD AVE	GV,@ L.S. & N.W. SIDE OF LAURELWOOD RUN 25' E OF	230	3
641 WOODLAWN LAKES	507 N27.55976 W82.48265	NE	8109 OAK DR.	158	89.0	4	C-900	8.0	8	PVC	4	PVC	TV#4 FM, ERIE RD. @ ERIE LANE	GV,@ L.S. & TERMINATION LOCATION	230	3
642 WOODRIDGE OAKS	389 N27.42053 W82.50952	SE	67th.Av.Cir.E.	227	80.0	6	PVC	6.0	8	PVC	6	C900	1600 41A F.M.@ LOCKWOOD RIDGE RD. & 67 AV.CIR.E.	GV,@ L.S. & TERMINATION LOCATION	230	3
643 WOODS OF MOCCASIN WALLOW	829 N27.59840 W82.51351	NE	9308 49TH.AVE.E.	108	150.0	4	PVC	6.0	8	PVC	4	C900	13060 N1-B F.M.	PV,@LIFT STATION AND TERMINATION LOCATION	230	3
644 WOODS OF MOCCASIN WALLOW 2	871 N27.35690 W82.30689	NE	9026 52ND.AVE.E.	132	133.0	4	HDPE	6.0	8	PVC	4	C900	1420 N1-B F.M.	GV,@LIFT STATION AND TERMINATION LOCATION	230	3
645 WOODS OF WHITFIELD	435 N27.40990 W82.55483	SW	7325 9ST.E.	175	25.0	4	PVC	4.0	8	PVC	4	PVC	MH, 850 SOUTHERN PINE LANE	230	1	

645

LIFT STATION NAME/NO.
HYPERTAC NAME/NO.
A.K.A.
RTU #
RADIO ADDRESS
COORDINATES
COUNTY ATLAS #
AREA
WWTP
ROUTE I.D.
ROUTE SEQ.
DOWNSTREAM LIFT STATION
FLOW CHART#
STREET ADDRESS
CITY OR TOWN
SUBDIVISION
GPM
TDH
PIPE SIZE
PIPE TYPE
RAIL TYPE
VALVE SIZE
GATE VALVE MANUFACTURER
CHECK VALVE MANUFACTURER
ROUGH SER-VICE TYPE
R.S. SIZE
WET WELL SIZE
BOTTOM ELEV.
TOP ELEV.
INF. LINE ELEV.
INF. LINE SIZE
INF. LINE TYPE
FORCE MAIN SIZE
FORCE MAIN TYPE
FORCE MAIN LENGTH
FORCE MAIN TERMINATION LOCATION
FORCEMAIN VALVE LOCATIONS
VOLTS
PHASE
MAIN BREAKER
CONTROL BREAKER
PUMP BREAKER
ALTER-NATOR

MOTOR STARTERS
OVERLOADS
GEN. SIZE
GEN. FUEL TYPE
DATE ACCEPTED
CONST. TYPE
ELECTRIC METER
S.V.NUMBER
WATER METER
BACKFLOW SERIAL#
PROJECT NAME/NO.
ENGINEER
CONTRACTOR