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Ron Oakley
Rob Marlowe
Charlie Miranda
Sandra Murman
Kathleen Peters
Darden Rice
Mariella Smith
Kathryn Starkey

General Manager
Matthew W. Jordan

General Counsel
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BOARD AGENDA

April 20, 2020 – 9:30 AM

BUDGET WORKSHOP & REGULAR MEETING

OPEN TO THE PUBLIC VIA LIVE WEB STREAM AND TELECONFERENCE

Following the direction of Governor DeSantis to avoid large in-person gatherings and to promote social distancing and in accordance with Executive Order 20-69, this meeting will be conducted via GoToMeeting, a media technology free for the public to use. Interested parties may attend the meeting via the following link: www.tampabaywater.org/livemeeting; or by teleconference after contacting Krista Simon at (727)791-2347 or ksimon@tampabaywater.org to obtain the teleconference dialing instructions.

PUBLIC COMMENT

Interested parties may provide public comment by submitting written comments to ksimon@tampabaywater.org by 5:00 p.m. on April 17, 2020, to be read into the meeting record by the Agency clerk, or via teleconference during the public comment portion of the meeting, after contacting Krista Simon at (727)791-2347 or ksimon@tampabaywater.org to obtain the teleconference dialing instructions.

ACCOMODATIONS

Anyone requiring reasonable accommodations for this meeting as provided for in the Americans With Disabilities Act should contact the Records Department at 727- 796-2355 x2401 or 813-996-7009 at least three working days prior to the public meeting. If a person decides to appeal any decision made by the Board, with respect to any matter considered at this meeting, he/she will need a record of the proceedings, and for such purposes, he/she may need to ensure that a verbatim record of the proceedings is made, such record includes the testimony and evidence upon which the appeal is to be based.



Regular Meeting Agenda

MONDAY, APRIL 20, 2020 – 9:30 AM

9:30 AM - CALL TO ORDER

PLEDGE OF ALLEGIANCE

BUDGET WORKSHOP

Proposed Fiscal Year 2021 Budget - *Presentation*

PUBLIC COMMENT - (3 Minutes per speaker)

CONSENT AGENDA

A. GENERAL MANAGER

- A.1 February 17, 2020 – Draft Agenda Minutes - *Approve*
- A.2 Tampa Bay Water Performance Dashboard - *Receive Report*

B. GENERAL COUNSEL

C. WATER PRODUCTION

- C.1 Capital Improvements Program - Task Order Authorization - *Approve*
- C.2 Liquid Ammonium Sulfate & Liquid Sodium Hypochlorite Supply Services at Brandon Urban Dispersed Well No. 7 Contract #2018-008, Amendment Three - *Approve*
- C.3 Cypress Creek Purchasing Warehouse Building Replacement, Project 06320 - Environmental Resource Permit (ERP) application - *Approve*

D. SCIENCE AND TECHNICAL

- D.1 C.W. Bill Young Regional Reservoir - Mowing Grounds Services, Contract No. 2020-041 in the amount of \$175,000 per year - *Approve*
- D.2 Optimized Regional Operations Plan (OROP) – 2020 Biennial Operations Plan Report – Submittal to Southwest Florida Water Management District - *Approve*
- D.3 Long-Term Master Water Plan Feasibility Studies - *Status Report*
- D.4 Fiscal Year 2020 Joint Funding Agreement with the U.S. Geological Survey for Hydrologic Monitoring Services, First Modification - *Approve*

- D.5 Tampa Bay Water Wise Program Implementation Update - *Status Report*
- D.6 Inspection Services for Rebated Toilets and Urinals, Contract No. 2020-045 in the amount of \$319,460.00. - *Approve*
- D.7 Regional Water Supplies and Member Demands - *Receive Report*
- D.8 Water Quality Update - *Status Report*
- D.9 Hydrologic Conditions Update - *Status Report*

E. FINANCE

- E.1 Tampa Bay Water Insurance Program - Contract for Consultant/Insurance Broker Services for Property and Casualty Coverage - *Approve*
- E.2 Operation Information Security Program Consulting Services - First Amendment to Contract No. 2017-056 with The Mako Group, LLC - Contract Increase - *Approve*
- E.3 Contract Renewals - *Approve*

F. CONSENT DISCUSSION

REGULAR AGENDA

G. GENERAL MANAGER

- G.1 Agency Coronavirus Response and Update on Agency Programs and Initiatives - *Receive Report*
- G.2 2020 Legislative Session Report - *Receive Report*

H. GENERAL COUNSEL

I. WATER PRODUCTION

- I.1 Southern Hillsborough County Booster Pump Station, Project 01609 – Award Contract No. 2020-032 to Reiss Engineering, Inc. - *Approve*
- I.2 On-Call Civil Contractor Services Contract #2018-003, Amendment One - *Approve*

J. SCIENCE AND TECHNICAL

- J.1 Test Well Site, Well Site Access and Utility Easements for New Wellfield via SHARP Credits: Feasibility, Project 01611, Delegate authority to the General Manager - *Approve*

- J.2 Consolidated Water Use Permit Update – Incorporation of the Water Shortage Mitigation Plan into the Renewed Consolidated Permit - *Presentation*

K. FINANCE

L. OLD BUSINESS AND OTHER ADMINISTRATIVE MATTERS

M. RECEIVE & FILE

- M.1 Human Resources Activity Report for February and March 2020 - *Receive Report*
- M.2 Legal Services Activity Report for February and March 2020 - *Receive Report*
- M.3 Legal Services Budget Report for February and March 2020 - *Receive Report*
- M.4 Public Affairs Activity Report – February and March 2020 - *Receive Report*
- M.5 Finance and Administration Services Activity Report – February and March 2020 - *Receive Report*
- M.6 Comprehensive check list with Delegated Check Approval items for January and February 2020 - *Receive Report*
- M.7 Financial Statements - January and February 2020 - *Receive Report*
- M.8 Potential True-Up of Fixed Costs between Member Governments as of February 29, 2020 - *Receive Report*
- M.9 Management Statistic Report with Aged Accounts Receivable - January and February 2020 - *Receive Report*
- M.10 Disposition of Fixed Assets through February 2020 - *Receive Report*
- M.11 Vendor's Status Report through February 2020 - *Receive Report*
- M.12 Science and Technical Division Activity Report for February 2020 and March 2020 - *Receive Report*
- M.13 Water Production Activity Report - *Receive Report*

ADJOURNMENT



BUDGET WORKSHOP AGENDA ITEM

DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Christina Sackett, Chief Financial Officer
SUBJECT: Proposed Fiscal Year 2021 Budget - *Presentation*

SUMMARY

Following the budget development schedule for Fiscal Year 2021, a recommended proposed budget has been prepared and will be presented. The operating budget anticipates using the available sources of supply to meet the projected demands from our six-member government customers. The proposed operating budget total is \$182,829,643, with net revenue requirements from water sales of \$172,518,114, to supply 184.7 million gallons a day (mgd) for Fiscal Year 2021. The Uniform Rate for the proposed budget is \$2.5590/1,000 gallons. The ten-year Capital Improvements Program annual update has been completed and an overview of the Fiscal Years 2021-2030 Capital Improvements Program Plan details will also be presented.

SUGGESTED ACTION

Presentation and discussion.

COST/FUNDING SOURCE

Uniform Rate, interest income, grant income, year-end balance forward plus other funding sources.

DISCUSSION

A workshop on the proposed Fiscal Year 2021 (FY 2021) budget has been scheduled for the April 20 Board meeting. Staff will present information to the Board on the contents of the FY 2021 Annual Operating Budget and provide the Board with the opportunity to discuss the proposed budget. The

proposed operating budget document was shared with the six-member governments in April and balances the Board's three overarching goals of maintaining a reliable water supply system, being good stewards of the environment, and maintaining cost-effective rates. Additionally, it was developed to meet the goals of the Agency's Strategic Plan.

The proposed operating budget total is \$182,829,643, with net revenue requirements from water sales of \$172,518,114, to supply 184.7 million gallons a day (mgd) for FY 2021. The Uniform Rate for the Proposed Operating FY 2021 Budget is \$2.5590/1,000 gallons and maintains this rate for the tenth consecutive year. At the April 20 workshop, staff will discuss the issues facing the agency's operations in fiscal year 2021 and the elements influencing the agency's spending plan in the upcoming fiscal year.

Tampa Bay Water's Capital Improvements Program (CIP) is a comprehensive plan and portfolio of previously approved and newly proposed capital projects. The CIP is updated annually to include newly requested capital projects and to update the scope, capital costs and timing for previously identified projects. The updated plan includes 90 projects at various stages of project life-cycle, including active construction, design and bidding, planned capital projects that are on-going or will start in FY 2021 through FY 2030 and feasibility studies to further assess potential projects. The Capital Improvements Program proposed expenditures for FY 2021 are \$25,345,260.

The Board is being asked to provide Tampa Bay Water staff with feedback and recommendations regarding the proposed operating budget and the ten-year Capital Improvements Program Plan, so any needed modifications can be made and final documents presented to the Board for formal approval at the June 15, 2020 Public Hearing before the regular Board meeting.

BACKGROUND

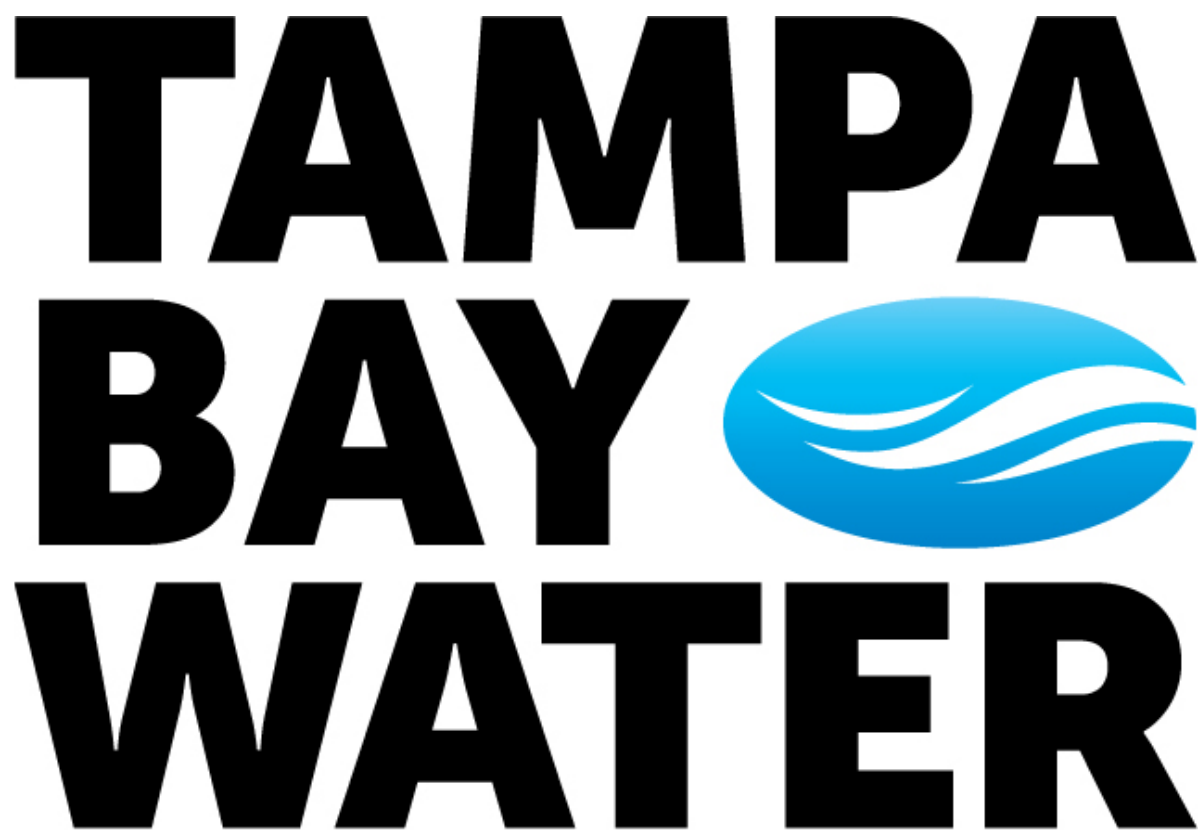
Tampa Bay Water is required by the Amended and Restated Interlocal Agreement to adopt its annual operating budget for the upcoming fiscal year prior to August 1 of each year. The budget development schedule for Fiscal Year 2021 depicts a Budget Workshop at the April meeting and final approval of the budget is anticipated at Public Hearing in June prior to the regular Board meeting. Adoption of the budget in June allows the Board to remain in compliance with the August 1 deadline.

Attachment

Proposed Operating Budget

Fiscal Year 2021

March 2020



Supplying Water To The Region

Tampa Bay Water – 2021 Annual Budget
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Tampa Bay Water Board of Directors March 2020

Tampa Bay Water is often cited as a model of regional cooperation, thanks to the spirit of regionalism that created the utility as well as the continuous regional efforts of our board of directors. Each elected official on our nine- member board represents an individual city or county that we serve, but at the dais, each also represents the Tampa Bay region as a whole. The policy decisions and directives of our board ensure our region has adequate and sustainable drinking water to support our economy, environment and way of life.



**Chairman
Commissioner**
[Dave Eggers](#)
Pinellas County



**Vice Chairman
Commissioner**
[Ron Oakley](#)
Pasco County



Mayor
[Rob Marlowe](#)
City of New Port Richey



Council Member
[Charlie Miranda](#)
City of Tampa



Commissioner
[Sandra L. Murman](#)
Hillsborough County



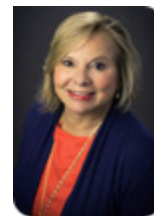
Commissioner
[Kathleen Peters](#)
Pinellas County



Council Member
[Darden Rice](#)
City of St. Petersburg



Commissioner
[Mariella Smith](#)
Hillsborough County



Commissioner
[Kathryn Starkey](#)
Pasco County

Hillsborough
County Florida



Pinellas
County




st.petersburg
www.stpete.org

City of
Tampa
Florida

Tampa Bay Water Executive Team

March 2020

Executive Staff



Matt Jordan
General Manager



Barrie Buenaventura
Conn & Buenaventura
General Counsel

Officers & Director



Charles Carden
Chief Operating Officer



Christina Sackett
Chief Financial Officer



Ken Herd, P.E.
Chief Science & Technical
Officer



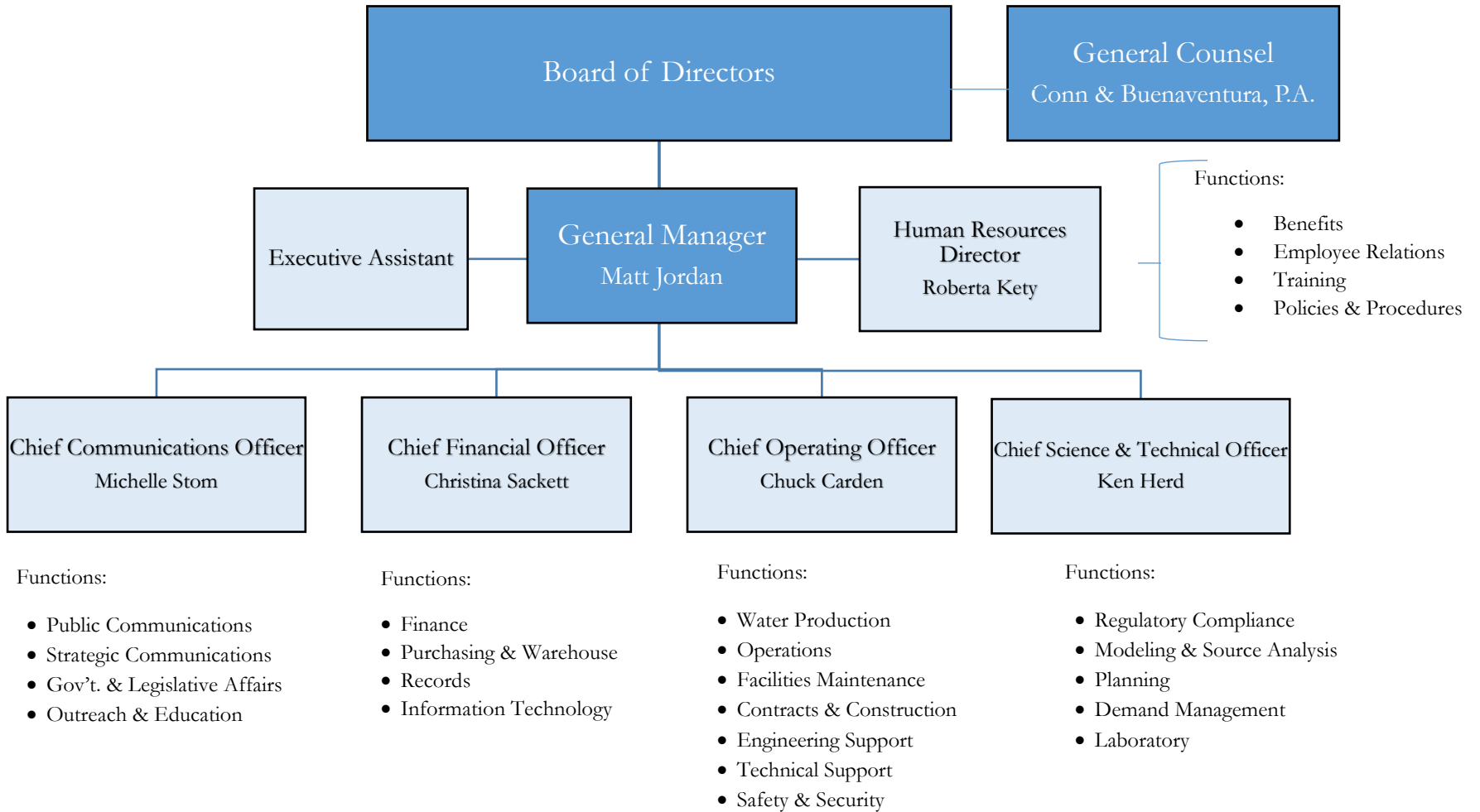
Michelle L. Stom, APR
Chief Communications Officer



Roberta Kety
Human Resources Director

**Tampa Bay Water
Organizational Chart
Fiscal Year 2021**

Fiscal Year 2020=155 FTE
Fiscal Year 2021=155 FTE



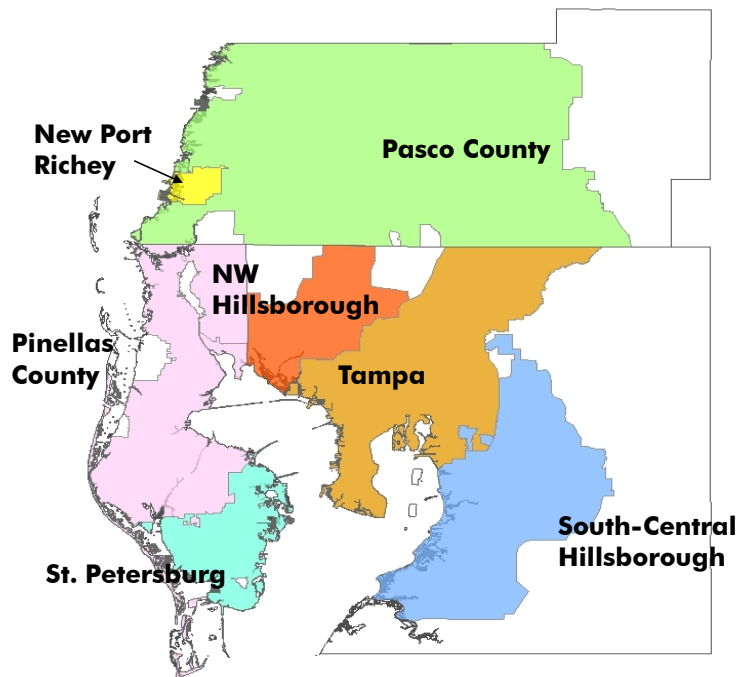
Tampa Bay Water – 2021 Annual Budget Agency Profile

Tampa Bay Water, A Regional Water Supply Authority (the Agency), formerly the West Coast Regional Water Supply Authority (the Predecessor Authority), was created on October 25, 1974, by enabling state legislation under *Florida Statute* Sections 163.01, 373.713, and 373.715. Hillsborough, Pasco, and Pinellas counties and the cities of St. Petersburg, Tampa, and New Port Richey comprise the Member Governments of the Agency. A Governance Study was adopted by the Florida Legislature in 1997 (the 1997 Legislation) amending Section 373.1963, *Florida Statutes*.

As part of the 1997 Legislation, the Agency entered into the Interlocal Agreement and the Master Water Supply Contract with its Member Governments for a term of 40 years. Pursuant to the Amended and Restated Interlocal Agreement and Master Water Supply Contract, the Agency is required to meet the Quality Water needs of the Member Governments and to charge a uniform per 1,000 gallons wholesale rate to Member Governments for the wholesale supply of drinking water; with one exception for the City of Tampa. The Agency will charge a separate rate to the City of Tampa for water delivered from the Tampa Bypass Canal. (See Summary of Contracts and Resolutions.)

The Agency provides quality drinking water to its six-member governments whose water service areas serve the approximately 2.5 million residents in the Tampa Bay region.

Tampa Bay Water Service Areas



Tampa Bay Water – 2021 Annual Budget Agency Profile

The Agency's administrative office is located in Clearwater, Florida. The Agency's operations, maintenance, and laboratory staff are located primarily at its Infrastructure Management and Laboratory facilities at the Cypress Creek Wellfield in Land O' Lakes, Florida. The Agency's diverse water system includes the following facilities located in Pasco, Pinellas and Hillsborough Counties:

Groundwater:

- Cypress Creek Wellfield and Pump Station
- Eldridge-Wilde Wellfield
- Cross Bar Wellfield
- Morris Bridge Wellfield
- Cypress Bridge Wellfield
- Northwest Hillsborough Wellfield
- Cosme-Odessa Wellfield
- Section 21 Wellfields
- Starkey Wellfield
- South Pasco Wellfield
- South Central Hillsborough Wellfield
- Carrollwood Wells
- Brandon Dispersed Wells
- Keller Hydrogen Sulfide Treatment Facility
- Lithia Hydrogen Sulfide Treatment Facility

Surface Water:

- Tampa Bay Regional Water Treatment Facility
- Alafia River Pumping Station
- South Central Hillsborough Booster Station
- Tampa Bypass Canal Pumping Station
- Tampa/Hillsborough Interconnect Pump Station
- C. W. Bill Young Regional Reservoir
- Off-Stream Reservoir Pump Station

Desalinated Water:

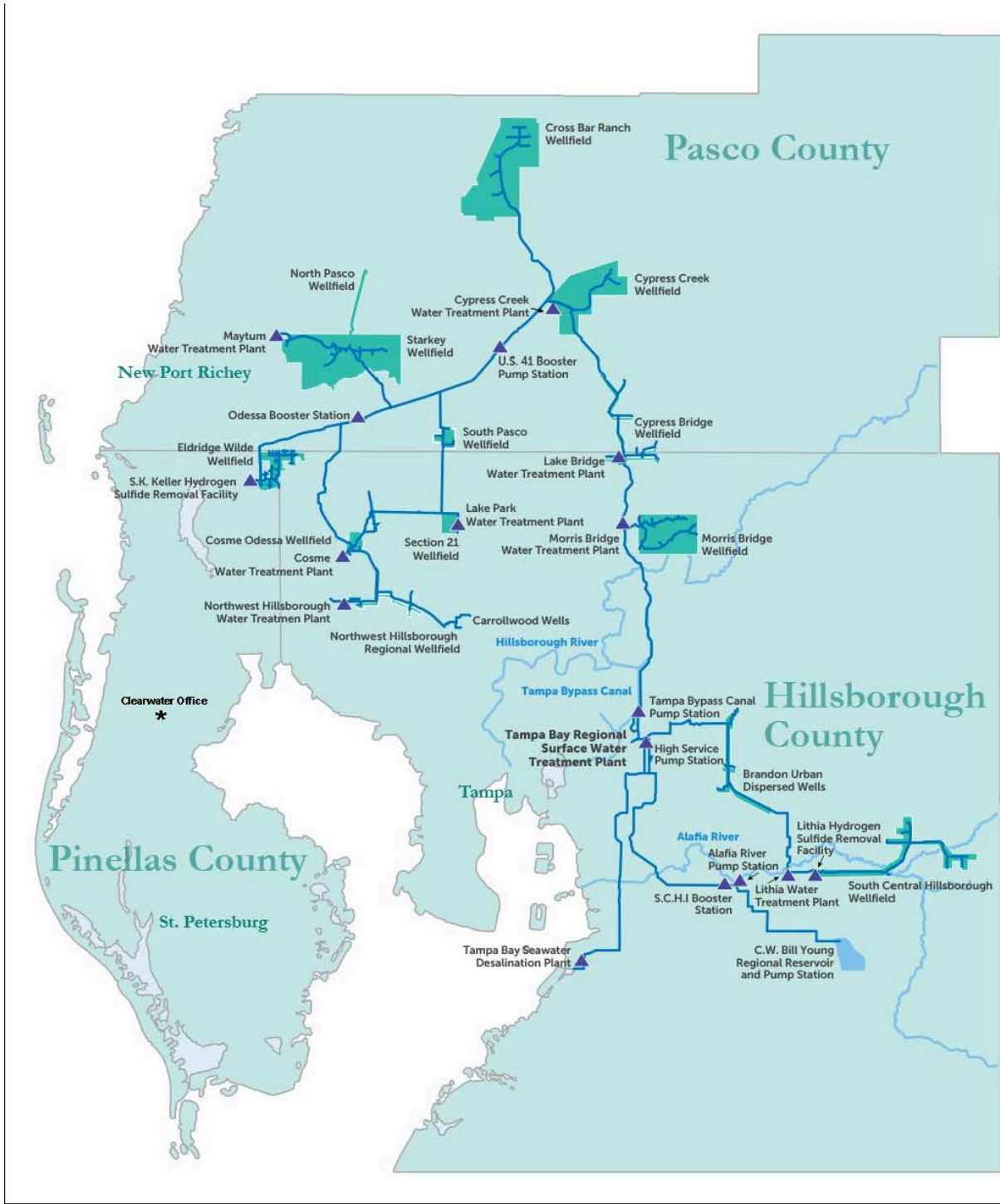
- Tampa Bay Water Seawater Desalination Facility

The water system also includes various booster stations, water treatment facilities, and approximately 200 miles of raw water collection mains and large-diameter potable water transmission mains.

Tampa Bay Water is subject to regulation by the Florida Department of Environmental Protection, the Florida Department of Health, and the United States Environmental Protection Agency (USEPA) for matters related to the quality of water and the construction of its facilities. In addition, the Southwest Florida Water Management District (SWFWMD) regulates consumptive uses of water through a permitting process.

Tampa Bay Water – 2021 Annual Budget
Agency Profile

Tampa Bay Water Facility Locations





TAMPA BAY WATER STRATEGIC PLAN

UPDATED SPRING 2019

OVERVIEW

Tampa Bay Water is the wholesale water provider for the Tampa Bay region and serves six member governments: Hillsborough County, Pasco County, Pinellas County, and the cities of New Port Richey, St. Petersburg and Tampa. The members, in turn, serve more than 2.5 million people in the Tampa Bay region.

MISSION:

Tampa Bay Water reliably provides clean, safe water to the region now and for future generations.

VISION:

- Be a model for regional water supply in the nation;
 - Be a leader in innovation and best practices; and
 - Be a respected member of the Tampa Bay community.
-

VALUES:

- Our employees and their safety are the keys to agency success.
 - We strive for continuous improvement in everything we do.
 - We fulfill our mission in partnership with our stakeholders in a responsible, efficient and environmentally sustainable manner.
-

STRATEGIC PLAN

To achieve the mission and vision of the agency, a strategic plan has been created for use as a road map for the next five years. The Plan was last updated and approved by the Board of Directors at its April 2019 board meeting. The plan was created to meet the Board's overarching goals of balancing a reliable water supply, environmental sustainability, and cost to the ratepayers.

GOAL 1: MAINTAIN WATER SUPPLY AND DELIVERY SYSTEM RELIABILITY AND SUSTAINABILITY

Tampa Bay Water's obligation is to meet its member governments' water demands continuously. The reliability of the agency's water supply system is dependent upon the agency's ability to manage its risks while meeting its customers' demands.

KEY PERFORMANCE INDICATORS INCLUDE:

- Available capacity
- Meeting projected reservoir levels
- Compliance with Consolidated Water Use Permit
- Safe Drinking Water Act compliance
- Preventative maintenance time
- Energy consumption



OBJECTIVE 1-1: Maintain regional delivered water capacity of 225 million gallons per day through 2025

Water supply reliability underlies Tampa Bay Water's efforts to meet demands now and into the future and sets expectations for how dependable the water supply is under varying hydrologic conditions.

STRATEGIES:

1. Update the agency Capital Improvement Program annually and implement
2. Renew the Consolidated Water Use Permit by 2021 to provide at least 90 million gallons per day
3. Achieve 90 percent accurate forecasting in weekly surface water availability versus actual availability
4. Maintain the 2014 Asset Management Implementation Plan

OBJECTIVE 1-2: Update Long-term Master Water Plan and obtain Board approval by December 2018

To assure the sustainability of Tampa Bay Water's regional water supply system, the agency needs to provide a framework for dependable source water usage in the future.

STRATEGIES:

1. Update the Water Use Efficiency Plan (Board resolution 2013-006)
2. Update member government water demand needs, water supply alternatives, and conservation measures to meet demands through 2040 planning horizon through coordination with member government representatives
3. Identify legal, regulatory and permitting issues and requirements that will have an impact on the development and implementation of the Agency's Long-term Master Water Plan
4. Continue implementation of Water Shortage Mitigation Plan

MAINTAIN WATER SUPPLY AND DELIVERY SYSTEM RELIABILITY AND SUSTAINABILITY

OBJECTIVE 1-3: Achieve 100 percent regulatory compliance

Tampa Bay Water's compliance with applicable legal requirements is essential to providing a reliable supply of drinking water to its members. Implementing the following strategies ensures the agency is operating in compliance with environmental laws and regulations.

STRATEGIES:

1. On-time submission of required applications, plans and reports
2. Run the Optimized Regional Operations Plan (OROP) weekly to establish source rotation schedule for operations
3. Implement environmental measurement and monitoring programs to meet permit requirements
4. Maintain water quality within regulatory-required limits

OBJECTIVE 1-4: Achieve compliance with water quality requirements at all points of connection

Providing clean, safe drinking water is a top priority for Tampa Bay Water and its members. The drinking water provided to member governments meets or is better than all local, state and federal drinking water regulations. The following strategies help to ensure Tampa Bay Water remains in compliance with all water quality requirements.

STRATEGIES:

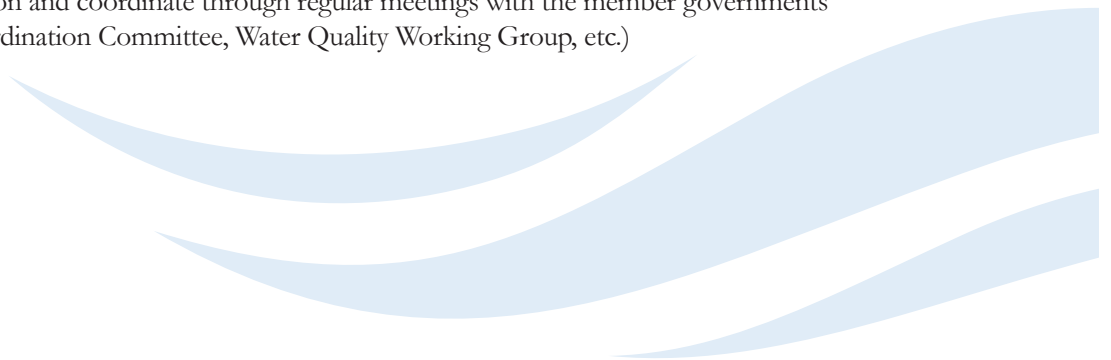
1. Implement critical source water reliability and protection activities
2. Assess current and future source water quality issues that may limit operational flexibility
3. Complete a comprehensive source water assessment program and implementation plan
4. Assess the online water quality analyzer monitoring program
5. Maintain compliance with Exhibit D (local water quality standards)

OBJECTIVE 1-5: Meet member government daily water demands and water pressure requirements at the points of connection

Providing a reliable supply of drinking water every day is central to fulfilling Tampa Bay Water's mission. The agency will coordinate internally and externally to ensure its members' drinking water and supply systems needs are continuously met.

STRATEGIES:

1. Evaluate actual versus projected weekly demand forecasts at each point of connection
2. Perform monthly updates for source allocation
3. Achieve 95 percent accuracy in predicting annual water delivery versus actual water delivery for the member governments' water demand planning areas
4. Gather information and coordinate through regular meetings with the member governments (Operations Coordination Committee, Water Quality Working Group, etc.)



GOAL 2: INCREASE EFFICIENCY OF ALL AGENCY OPERATIONS

Since its creation in 1998, Tampa Bay Water has performed as a lean, efficient agency through outsourcing to experts when short-term, technical expertise is needed; engaging in public-private partnerships; establishing and maintaining processes to define standards; and measuring, improving and maintaining the efficiency of the agency’s water supply and delivery operations, as well as the agency’s engineering, scientific and administrative support functions. The agency strives to continually improve and become more efficient in operating and maintaining the supply system, and planning for the region’s future water needs.

KEY PERFORMANCE INDICATORS INCLUDE:

- Operating cost of water
- Optimized staff levels and training



OBJECTIVE 2-1: Review, track, and continually improve the level of service

The agency will identify and investigate the innovative practices of its peer utility agencies and other public agencies, including the six member governments, to incorporate successful, innovative practices into Tampa Bay Water’s operations and support functions and thereby improve the efficiency of agency operations.

STRATEGIES:

1. Create a process to submit, review and recommend stand-alone efficiency project/process ideas
2. Develop procedures and policies to identify reoccurring and repetitive failures through tools such as root cause analysis, failure modes and effects analysis, or statistical analysis
3. Establish a dashboard or report to regularly measure and evaluate various operating metrics throughout the agency; create an internal process to identify and implement agency operational improvements
4. Identify and report key performance indicators of agency success
5. Implement the 2014 Information Technology Strategic Plan
6. Perform Agency Performance and Management Audit in 2020
7. Establish, implement and maintain an Environmental Management System within the agency that conforms to the requirements set out in ISO 14001
8. Ensure integration of new and updated computer systems with records management program

INCREASE EFFICIENCY OF ALL AGENCY OPERATIONS

OBJECTIVE 2-2: Strengthen internal workforce analysis, planning, and employee development

The agency will ensure the continuation of its collective efforts in process improvement through the development of an employee succession plan; implementation of a comprehensive program to capture and transfer technical knowledge, including improved practices; and, by providing prioritized training based on the succession plan.

STRATEGIES:

1. Review and revise essential job skills, functions, and experience needed to perform job assignments in coordination with agency staffing or pay and class studies
2. Develop succession plans for key agency positions
3. Maintain a competitive benefit & compensation package to ensure successful recruitment and retention of qualified employees
4. Finalize centralized retention of training records
5. Develop an umbrella training framework for the agency; audit and make changes periodically



GOAL 3

GOAL 3: MAINTAIN FINANCIAL STABILITY AND SUSTAINABILITY

The agency steadily increased water rates to purchase our members' water supply facilities and incorporate them with more than \$1 billion in new infrastructure to develop a regional water supply system with diverse water sources. The use of a rate stabilization fund allowed the agency to counterbalance large rate increases and minimize the year-to-year impact of increasing rates on water ratepayers. As we move into the future, the agency will uphold and preserve the agency's financial stability for the member governments.

KEY PERFORMANCE INDICATORS INCLUDE:

- Bond rating
- Appropriate reserve funds
- Operating within budgets as forecasted



OBJECTIVE 3-1: Preserve budget predictability annually

The agency considers its overarching responsibilities; reliable water supply, environmental stewardship, cost-effective rates, when preparing the balanced budget. Source scenarios are established for maximizing and managing use of the agency's water sources. It will appropriately utilize its rate stabilization account fund to moderate any needed rate increases year to year and maintain a strong cash balance to manage any unexpected changes in expenditures.

STRATEGIES:

1. Utilize the computer maintenance management system to forecast operating and maintenance costs
2. Continue utilization of various demand forecasting tools
3. Develop source water allocation model that accounts for both demand and supply uncertainty and cost of water production
4. Annually review the Capital Improvement Program for resource allocation and performance evaluation to improve efficiency
5. Annually review the chemical and electrical model for accuracy of data
6. Annually provide detailed rate information, performance indicators of historical, projected and targeted budget, rate goals, and performance measures to enhance transparency

MAINTAIN FINANCIAL STABILITY AND SUSTAINABILITY

OBJECTIVE 3-2: Explore innovative opportunities to offset costs and increase revenue

The agency will continue to explore new and innovative ways to save costs such as improving and maintaining the energy efficiency of our facilities and partnering with our member governments to purchase chemicals and supplies.

STRATEGIES:

1. Annually review and evaluate out-sourced services for potential cost savings
2. Utilize the financial software system and the computerized maintenance management system to optimize inventory levels and processes
3. Annually identify, implement and track potential operational tactics for optimizing variable costs
4. Continue participation in efficiency rebate and incentive programs with the electrical providers
5. Annually review federal and state appropriations and grant funding opportunities
6. Utilize the computerized maintenance management system to minimize unplanned costs and maximize asset life
7. Quarterly analyze market conditions to identify investment opportunities to increase revenue.
8. Annually identify potential procurement saving opportunities

OBJECTIVE 3-3: Pursue highest bond rating available

Tampa Bay Water issues Utility System Revenue Bonds to build and maintain the pipelines, pump stations and water treatment plants that make up the regional water supply system. Achieving the highest bond rating available will allow Tampa Bay Water to issue bonds at lower interest rates, saving the agency millions over the life of the bonds.

STRATEGIES:

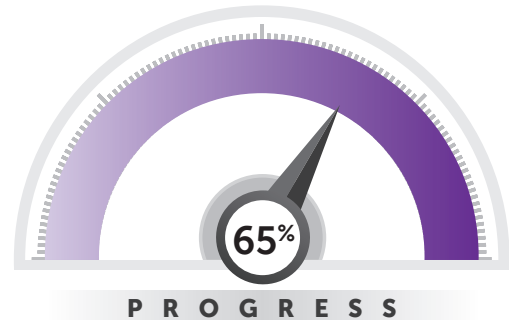
1. Uphold current bond rating
2. Annually review “Big Three” credit rating agencies’ rating methodologies
3. Prepare and present financial statements in conformity with U.S. generally accepted accounting principles
4. Employ comprehensive and manageable 10-year Capital Improvement Plan

GOAL 4: MAINTAIN OPEN, COLLABORATIVE RELATIONSHIPS WITH MEMBER GOVERNMENTS AND OTHER STAKEHOLDERS

Partnership and collaboration with stakeholders have been fundamental to the success of Tampa Bay Water. Since 1998, the agency has maintained an active outreach program with stakeholders that include the members of the board of directors, member government staff, regulatory agencies, and the public. The agency plans to develop relationships with new stakeholders and improve and maintain our collaborative relationships with current stakeholders. This goal will be accomplished through existing outreach programs, as well as new programs that might include customer service survey research, online communications and public education programs.

KEY PERFORMANCE INDICATORS INCLUDE:

- External stakeholder outreach
- Internal stakeholder outreach
- Public opinion



OBJECTIVE 4-1: Communicate projects and initiatives, successes, water policy, and regional supply and demand

Tampa Bay Water continues to take a visible communications role as it investigates potential new water supply projects through the Long-term Master Water Plan. Tampa Bay Water has a long track record of proactive public outreach to ensure transparency and ensure community values are incorporated into proposed projects. Additionally, Tampa Bay Water is a government agency with numerous responsibilities that affect various stakeholders, including permits, water quality, environmental sustainability and source water protection.

STRATEGIES:

1. Implement regional water quality campaign
2. Perform public opinion survey and report results to the board of directors at least every three years
3. Annually inventory projects/programs that have communications/marketing elements and develop communications strategies
4. Implement comprehensive long-term planning outreach program and report results to the board
5. Create a tool to track staff involvement with professional speaking engagements, published articles, and involvement in professional organizations and research projects

MAINTAIN OPEN, COLLABORATIVE RELATIONSHIPS WITH MEMBER GOVERNMENTS AND OTHER STAKEHOLDERS

OBJECTIVE 4-2: Implement and update employee relations and communications plan

To accomplish the goals and objectives set out in the strategic plan, there must be a common understanding of the agency mission, goals and objectives among employees. Employees must also understand their roles and responsibilities in accomplishing the mission, goals and objectives.

STRATEGIES:

1. Perform an employee satisfaction survey to establish a baseline for measuring employee satisfaction biennially
2. Implement agency employee communications plan and report results to the executive team annually
3. Create employee ambassador program for social media and outreach
4. Annually update and implement employee recognition program

OBJECTIVE 4-3: Develop a formal government affairs program to monitor and address national, state, regional and local water supply issues, policies and funding opportunities

Tampa Bay Water will continue to work with our six member governments to understand the issues they face at a local level and discuss ways of collaborating while maintaining our obligation to deliver regional water. This program also establishes grant planning efforts at state, regional and federal levels.

STRATEGIES:

1. Identify and pursue federal and state appropriations and grant opportunities annually to fund projects
2. Develop priorities for member government coordination and implementation plan
3. Develop outreach priorities for state agencies, other governmental entities and the implementation plan
4. Assess national and state professional organizations and other utilities' legislative, regulatory, and policy initiatives and determine level of participation

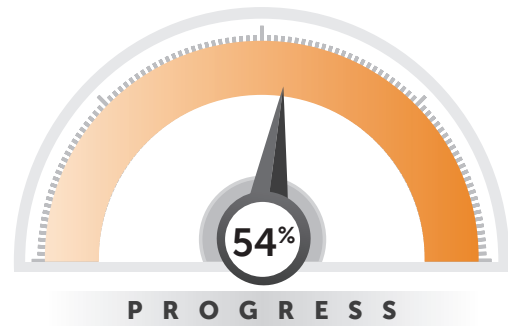


GOAL 5: ENSURE THE SAFETY AND SECURITY OF AGENCY EMPLOYEES AND FACILITIES

The agency works continually to protect our employees and the public water supply system, facilities and infrastructure from today's dynamic threats and risks. We do this by employing a programmatic approach to assessing, measuring, analyzing and continually improving physical security, cyber security, health and safety initiatives and emergency response plans.

KEY PERFORMANCE INDICATORS INCLUDE:

- Number of incidents
- Number of near misses
- Security breaches
- Completed training



OBJECTIVE 5-1: Maintain and continually improve the safety service

Tampa Bay Water promotes a culture of health and safety through collaboration and engagement of all agency employees. The agency's Safety Services department reviews safety programs, analyzes results, and provides resources for employees to improve health, safety and security.

STRATEGIES:

1. Obtain a central learning management system for safety and security-related training; report annually to executive team
2. Conduct annual audit of the Safety Service plans and exercise activities and report annually to executive team
3. Develop agency department-specific safety plans
4. Complete job safety analysis for individual work functions that reflect tasks in job descriptions

OBJECTIVE 5-2: Maintain emergency preparedness through planning and employee training

The agency is prepared to address both internal and external emergency response using its Water Emergency Incident Command System Plan. The function and effectiveness the Plan is tested via exercise activities.

STRATEGIES:

1. Conduct agency emergency preparedness activities using the Homeland Security Exercise Evaluation Program
2. Develop Water Emergency Incident Command System and staff training improvements based upon Homeland Security Exercise Evaluation Program (HSEEP) data

ENSURE THE SAFETY AND SECURITY OF AGENCY EMPLOYEES AND FACILITIES

OBJECTIVE 5-3: Ensure agency cyber and physical security to ensure operational resilience

Tampa Bay Water has a responsibility to the community and staff to continually evaluate and improve the agency's safety and security plans. As physical and cyber security of water utilities are becoming increasingly intertwined, it is important that they are considered of similar value and are continually evaluated and upgraded to ensure operational resilience.

STRATEGIES:

1. Implement an expanded, on-going threat assessment process to include cyber threats
2. Annual employee training to understand risks and shared responsibility to protect agency cyber network
3. Maintain vulnerability assessment and associated plan
4. Continue coordinating with local emergency response teams and to develop response plans
5. Improve the reporting and investigations process
6. Update and maintain the continuity of operations plan





GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

**Tampa Bay Water
Florida**

For the Fiscal Year Beginning

October 1, 2019

Christopher P. Morill

Executive Director

The Government Finance Officers Association of the United States and Canada (GFOA) presented a Distinguished Budget Presentation Award to Tampa Bay Water, Florida for its 2020 annual operating budget. In order to receive this award, a government unit must publish a budget document that meets criteria as a policy document, an organizational guide, a financial plan, and a communication device.

This award is valid for a period of one year only. We believe our current budget continues to conform to program requirements, and we are submitting it to GFOA to determine eligibility for another award.

General Manager's Budget Message

Fiscal Year 2021

The General Manager's Budget Message provides a summary of Tampa Bay Water's financial plan by highlighting major issues to be addressed in fiscal year 2021.

Board of Directors

Dave Eggers
Ron Oakley
Rob Marlowe
Charlie Miranda
Sandra Murman
Kathleen Peters
Darden Rice
Mariella Smith
Kathryn Starkey

General Manager
Matthew W. Jordan

General Counsel
Barrie S. Buenaventura
Conn & Buenaventura, P.A.

April 3, 2020

Members of the Board of Directors
Tampa Bay Water
2575 Enterprise Road
Clearwater, Florida 33763

Members of the Board of Directors:

I am pleased to present the proposed Tampa Bay Water annual budget for Fiscal Year 2021 in accordance with Section 2.08 of the Amended and Restated Interlocal Agreement. This budget balances the board's three overarching goals of maintaining a reliable water supply system, being good stewards of the environment, and maintaining cost-effective rates. Additionally, this budget was put together with an eye toward meeting the goals in the Agency's Strategic Plan, which include:

- Maintaining the water supply and delivery system reliability and sustainability;
- Increasing efficiency of all Agency operations;
- Maintaining the financial stability and sustainability of the agency;
- Maintaining open, collaborative relationships with member governments and other stakeholders; and,
- Ensuring the safety and security of Agency employees and facilities.

For Fiscal Year 2021, the Agency anticipates total water sales of 184.7 million gallons per day (mgd) and a uniform rate of \$2.559 per 1,000 gallons, **marking the tenth consecutive year the agency has charged this uniform water rate to its customers.** The Agency accomplishes holding the line on rates once again, due, in part, to the efficient and effective operation of its system.

Since forming in 1998, Tampa Bay Water has successfully created a new, diverse water supply system allowing us to cut back significantly on groundwater pumping, a key goal of our creation. Operating as a true, regional utility, the Agency has met its commitments to our local governments, the Florida Legislature, the regulatory officials, and the public by:

- Reducing groundwater pumping by nearly 100 million gallons per day through the development of alternative water supplies.
- Achieving environmental recovery in many of the region's wetland areas.

- Improving environmental monitoring at new and existing agency facilities.
- Providing high-quality, safe drinking water that meets or is better than all state and federal standards.
- Ending litigation among our members and regulatory agencies over water issues.

Policy Goals Used in Fiscal Year 2021 Budget Development

The Fiscal Year 2021 budget was put together with important agency policy goals in mind. Those goals include:

- Meeting the performance requirements of the Master Water Supply Contract to provide high-quality water to our six-member governments.
- Operating our water supply facilities to improve supply delivery while also maintaining full compliance with regulatory permits.
- Achieving the goals specified in the Agency's recently updated strategic plan.
- Focusing on continually improving the efficiency and effectiveness of the agency's operations through ongoing implementation of the asset management program and continued use of the Environmental Management System ISO 14001 framework.
- Addressing recommendations from performance and management audit reports and allocating our staff and financial resources to meet the boards' objectives for a sustainable and affordable water supply system.
- Continuing to balance and blend our multiple supplies of water sources to deliver high-quality, affordable water to our member governments.
- Examining the agency's use of outside consultants and evaluating staffing needs across the agency to ensure both human and fiscal resources are being efficiently allocated.
- Performing feasibility studies on future water supply projects. Identified in the Long-Term Master Water Plan.
- Refining the models used to accurately predict the need for new water supplies in the future.
- Safeguarding the public's investment in the region's water supply and delivery system to ensure that both the water quality and water quantity meet the needs of the 2.5 million people in our region. Protecting that investment includes:
 - Focusing on the safety and security of our employees and our water supply facilities by preparing and exercising procedures and emergency preparedness plans for the staffing and operations of our water production facilities in disaster events.

- Renewing and replacing existing infrastructure to ensure the optimal operation of our facilities over time.
- Continuing to award community, environmental and educational organizations for projects that promote the protection of our drinking water sources through the Source Water Protection Mini-Grant Program.
- Continuing to develop and implement an employee training and knowledge retention program to address the succession planning required over the next several years as long-term employees leave the agency.
- Expanding the agency's outreach and education program to underscore the importance of a reliable, sustainable water supply for economic and regional growth and development.
- Working with our member governments on the coordination and sharing of utility best management practices.
- Working with our colleagues around the country on continuing research into changes in weather patterns and the impact of climate change upon the surface water systems serving our area.
- Maintaining a strong relationship with the Southwest Florida Water Management District, the Florida Department of Environmental Protection, and other regulatory agencies to ensure open and honest communication on regulatory, planning and financial matters.

Key Factors Affecting the Fiscal Year 2021 Budget

Increase in Annual Water Sales

The agency is projecting a 3.9 million gallon per day increase in water sales to our member governments over the 2020 budgeted water sales. This is partly due to an upturn in growth in a few of our member governments' service areas, particularly in the South-Central Hillsborough service area. Despite our member governments losing some wholesale water customers, the agency expects a steady trend in growth of water sales for future years and budgets. In addition, we are predicting normal weather conditions for fiscal year 2021.

Net Revenue Required from Water Sales

Another important factor in calculating the agency's uniform rate is net revenue required from water sales. The net revenue required must cover the agency's costs – debt service, variable costs and fixed costs, including contracted costs. Management continues to improve operational efficiencies and manage fixed costs, while maintaining our reliable water supply system, to minimize the impact on net revenue required. In addition, the agency has adequate reserve funds if needed for contingency, in the Rate Stabilization Account and the Utility Reserve.

Reduction in Annual Debt Costs Due to Bond Refunding

Refinancing of debt is a key component in lowering costs and management evaluates potential refinancing of debt when there is at least a 3% present value savings. The agency saved more than \$70.6 million in debt service through issuing refunding bonds, Series 2015A/B and Series 2016A/B/C that provided an average annual cash savings of \$2 million to \$4.2 million over fiscal years 2017 through 2039. In February 2020, the Board approved executing a Forward Delivery Agreement with Bank of America to refund all or part of the Series 2010, 2011A and 2013 bonds which will save the agency more than \$27.1 million in debt service, that will provide an average annual cash savings of \$700 thousand to \$2.6 million over fiscal years 2020 through 2039.

Tenth Consecutive Year at the Same Uniform Rate

Additionally, management focused on minimizing any impact on the Uniform Rate for Tampa Bay Water's customers. The proposed rate of \$2.559 per 1,000 gallons is the tenth consecutive year at this rate and is one percent lower than the rate projected for Fiscal Year 2021 in the Fiscal Year 2020 budget.

Water Demand Used in the 2021 Budget

The projected water sales to the six member governments are based on a multi-step process that considers the total water demand for each member government and for the region reflected in the Agency's long-term water demand forecasting models. These models produce retail and wholesale water demands for each of the seven water demand planning areas served by our member governments based on annually updated projected socio-economic data and normal weather (rainfall and temperature conditions). The annual update of projected member government water demands is presented to the Board each December. These demand projections are also compared with each member government's annual report.

The 2021 budget was developed to reflect demand with average annual rainfall. The City of Tampa, Pasco County and New Port Richey supply water through their own facilities to meet a portion of their total water needs. The total regional water demand is reduced by the amount of water these members supply to themselves, resulting in the aggregate expected water demand for budget and planning purposes. The projected annual delivery to the member governments is affected by the amount of water purchased by the City of Tampa, an uncertainty that is directly related to the amount of rainfall that may be experienced. For budgeting purposes, the City of Tampa's demand is budgeted at 6 million gallons per day (mgd) for Fiscal Year 2021, which is just under the average amount of water the City of Tampa has purchased, during the years they have purchased water from the Agency. This 6 mgd is part of the total amount of water expected for delivery to the member governments. This final value forms the basis of the budgeted uniform rate for Fiscal Year 2021. The projected

water delivery to the member governments for Fiscal Year 2021 is 184.7 mgd compared to 180.8 mgd for Fiscal Year 2020. The increase in the projected demand is due to socio-economic projections which indicate that growth in the region is positive.

The Agency's budget is developed each year with a focus on the expected rainfall for the year. Source selection scenarios are developed for operating the system to maximize the use of available river water, manage groundwater resources and use of the desalination facility to achieve environmental recovery around our wellfields and meet permit requirements.

The Agency maintains strong reserve balances to avoid mid-year rate increases due to unexpected changes in demand or increased costs. The Agency is proactive in funding reserve accounts for both the short and the long term. This allows the Agency to maintain rates with moderate-to-no increases year-to-year, implement the capital improvements program plan, implement a comprehensive asset management program, and retain excellent credit ratings on debt service.

Operational Highlights for Fiscal Year 2021

The amount of funding required to meet the Agency's proposed Fiscal Year 2021 total expenditures is \$182,829,643. The total expenditures are comprised of \$4,775,965 million for funding reserves and pay as you go funds and \$178,053,678 to cover variable costs and the fixed costs components, such as debt, operations and maintenance agreements, feasibility projects and operations. This is a \$5.4 million net increase over the approved Fiscal Year 2020 budget. Personnel Services are increasing \$3.6 million, mainly due to GASB Statement No.68 which revises and establishes new financial reporting requirements for most state and local governments that provide employees with pension benefits. Professional Services are increasing by \$5.8 million; the increase is mainly due to continued feasibility activities related to the Master Water Plan, which included receiving anticipated co-funding through SWFWMD. In addition, the Board approved a Water Quality Feasibility Study that will continue through 2021. Also, the Agency will incur costs to maintain Environmental Resource Permit (ERP) compliance. Plus, a business case analysis for contracted operations will occur in 2021. A \$377 thousand increase in Materials & Supplies is due to increasing the Capital Equipment capitalization threshold from >\$1,000 to >\$5,000. All of these increases are offset largely by an anticipated \$2.4 million in grant funding from SWFWMD, and a decrease of \$750 thousand in variable costs, anticipated due to more efficient operations at water treatment facilities.

Some of the key features of the Fiscal Year 2021 budget include:

- Operation of the Tampa Bay Seawater Desalination Plant at an annual average of 9 mgd. For Fiscal Year 2021, the agency will be running the plant for 9 months to achieve the annual average. This continues the way the plant has

been operated to increase efficiency and decrease maintenance costs at the plant.

- Full use of the C.W. Bill Young Regional Reservoir, the region's water saving account.
- An annual average production of 64.7 mgd at the Regional Surface Water Treatment Plant, using flows from the Hillsborough and Alafia rivers and the Tampa Bypass Canal, as well as water stored in the regional reservoir. The Plant production is managed to maximize the seasonally available higher river flows during wet-weather months. Like production at the desalination facility, Surface Water Treatment Plant production may be increased proportionately when river flows are available, to maintain the agency's groundwater pumping permitted levels.
- Use of 83 mgd on an annual average basis from the consolidated permit wellfields, which is 7 mgd less than the permit limit of 90 mgd, in recognition that we may need to increase groundwater production if we have a drier than normal year. An additional 28 mgd will come from other groundwater sources that are not under the consolidated water use permit.

The use of funds budget sub-total of \$178 million totals 97.4% of the total budget. The remaining 2.6% of the Agency's operating budget, totaling \$4.8 million is for funding pay-as-you-go funds, such as the Capital Improvement Fund and the Renewal and Replacement Fund. The use of funds subtotal includes variable operating costs of \$25.9 million and fixed costs of \$152.1 million, 14.2% and 83.2% of the Agency's budget respectively. The fixed costs of \$152.1 million includes \$70.1 million for debt service, \$10.3 million for acquisition and water quality credits to the Members, and \$71.7 million in fixed operating costs, inclusive of \$14.2 million in professional services for the operations and maintenance agreements associated with the contracted water plant operations.

The Fiscal Year 2021 budget includes the following \$10.3 million in other funding sources that reduces the amount needed in net revenue from water sales.

- \$4.2 million in FY 2020 unencumbered funds to be carried over to FY 2021.
- \$3.2 million in Investment Revenue.
- \$392 thousand of revenue from surplus water sales at Tampa Bypass Canal.
- \$42 thousand for an Operations & Maintenance contract agreement with Pasco County at the Lake Bridge Facility
- \$2.4 million in Grants

The total expenditures are adjusted by the other funding sources to provide the net revenue required from water sales, which for the proposed Fiscal Year 2021 budget is \$172,518,114, resulting in a uniform rate of \$2.5590 per 1,000 gallons for the tenth consecutive year.

Analysis of Costs in the FY 2021 Budget

Enterprise Funds	Approved 2020	Proposed 2021	Variance + / -	Effect on Rate
Sources of Funds				
Water Sales	\$ 169,332,978	\$ 172,518,114	\$ 3,185,138	0.0446
Additional Credits/ Surcharges	42,000	42,000	-	-
TBC - Sale of Water	392,000	392,000	-	-
Interest Income	1,893,889	3,211,966	1,318,077	0.0184
Grants (SWFWMD)		2,432,238	2,432,238	0.0340
Subtotal	\$ 171,660,867	\$ 178,596,318	\$ 6,935,451	0.0971
Transfers In from Rate Stabilization Account	1,600,000	-	(1,600,000)	(0.0224)
Est. Unencumbered Funds from Prior Year (note 1)	4,168,060	4,233,325	65,265	0.0009
Total Sources	\$ 177,428,927	\$ 182,829,643	\$ 5,400,716	0.0756
Uses of Funds				
Personnel Services	\$ 19,264,485	\$ 22,907,250	\$ 3,642,765	0.0510
Materials & Supplies	2,490,060	2,867,044	376,984	0.0053
Professional Services	29,990,768	35,821,099	5,830,331	0.0816
Repairs & Other Services	5,806,396	5,922,703	116,307	0.0016
Rent & Insurance	2,168,358	2,185,273	16,915	0.0002
Legal Services	545,000	545,000	-	-
Capital Expenditures	1,536,805	1,493,340	(43,465)	(0.0006)
Debt Service-Bonds	70,133,315	70,093,840	(39,475)	(0.0006)
Acquisition Credit to Member Governments	10,231,558	10,231,558	-	-
Water Quality Credit to Member Governments	48,000	48,000	-	-
Water Treatment Chemicals -Variable Cost	12,606,616	12,410,244	(196,372)	(0.0027)
Power / Electricity -Variable Cost	13,548,122	13,027,527	(520,595)	(0.0073)
Water for Resale -Variable Cost	502,800	500,800	(2,000)	(0.0000)
Subtotal	\$ 168,872,283	\$ 178,053,678	\$ 9,181,395	0.1285
Transfer Out to Capital Improvement Fund	\$ 2,200,000	\$ 1,500,000	\$ (700,000)	(0.0098)
Transfer Out to Capital Improve Fund (Interest)	143,772	275,965	132,193	0.0019
Transfer Out to R&R Fund	4,500,000	3,000,000	(1,500,000)	(0.0210)
Transfer Out to Operating Reserve	112,872	-	(112,872)	(0.0016)
Transfer Out to Member Contribution-	1,600,000		(1,600,000)	(0.0224)
Total Uses	\$ 177,428,927	\$ 182,829,643	\$ 5,400,716	0.0756
Projected Water Demand (mgd)	180.80	184.70	3.90	
Projected Uniform Water Rate (\$/1,000 gallons)	\$ 2.559	\$ 2.559	\$ -	
Note 1: For 2021, estimated unencumbered funds from prior year are estimated at 2.5% of the prior year revenue from water sales. Funds transferred through the rate stabilization account at year-end.				

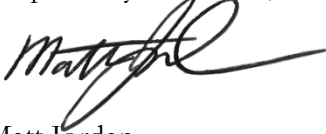
Fiscal Year 2021 Budget Schedule

To provide our member governments and the public with a budget document for use as information and for planning, the budget schedule requires final approval of the budget prior to August 1st each year.

The proposed budget will be distributed to member governments in April 2020 for review and Tampa Bay Water staff met with member governments to discuss the proposed document in April. The proposed Fiscal Year 2021 budget is scheduled to be reviewed by the Board at a budget workshop to be held on April 20, 2020. A public hearing notice of the Board's intended adoption of the proposed Fiscal Year 2021 budget at the June 15, 2020 Board meeting will be published in compliance with requirements in the Amended and Restated Interlocal Agreement for final budget approval.

As in prior years, the preparation of Tampa Bay Water's annual budget requires the collaborative efforts of many staff members and the finance department. A special thanks to Lynda Vatter, Sandro Svrclin and Christina Sackett for a job well done.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Matt Jordan", with a long horizontal flourish extending to the right.

Matt Jordan
General Manager

Annual Budget Development

Fiscal Year 2021

The Annual Budget Development Section provides an overview of the key requirements for the annual budget development and approval process.

Tampa Bay Water – 2021 Annual Budget Annual Budget Development

Budget Format

The summary and layout of the annual budget document is as follows:

- A. The **General Manager's Budget Message** is designed to provide a summary of Tampa Bay Water's financial plan by highlighting major issues to be addressed in fiscal year 2021.
- B. The **Annual Budget Development** section provides an overview of the key requirements for the annual budget development and of the approval process.
- C. The **Financial Management Policies** section provides a summary of Tampa Bay Water's primary financial policies.
- D. The **Financial Plan** section provides an overview of Tampa Bay Water's budgetary fund structure and information on revenue and expenditures, as well as capital spending for the budget year.
- E. The **Annual Rate Setting and Member Costs** section provides summarized information and schedules including current and projected rates and Member Costs. Charts and graphs are provided that depict the components of the budget and the rate impacts. Separate charts and schedules are provided for each Member Government to assist them in planning and coordination of their budgets and financial obligations associated with Tampa Bay Water's contractual commitments.
- F. The **Debt Service** section provides a listing of the outstanding debt of the Agency, the Agency's bond ratings, and the details of the debt requirements shown in the Financial Plan section. The section also provides information on debt coverage requirements and future Debt Service.
- G. The **Capital Improvement Program** section provides summary information about the Agency's capital projects. This includes projects that are scheduled to be in the feasibility, design and construction phases during fiscal year 2021.
- H. The **Divisional Operating Budget Detail** section provides information on Tampa Bay Water's office and divisional organization and responsibilities. It also includes the fiscal year 2021 budget for each division.
- I. The **Summary of Contracts and Resolutions** section provides key contractual requirements of the Master Water Supply Contract, the Amended and Restated Interlocal Agreement, and the Master Bond Resolution.
- J. The **Appendix** includes a schedule of key dates for the budget process for fiscal years 2021. It also provides demographic and statistical information for Tampa Bay Water's service area, and information to assist the Member Governments in the planning of their annual budgets.

Tampa Bay Water – 2021 Annual Budget
Annual Budget Development

K. The **Glossary** includes an alphabetical list of terms used in the budget document and defined by the Amended and Restated Interlocal Agreement, the Master Water Supply Contract, and/or the Master Bond Resolution.

For budgetary purposes, Tampa Bay Water is organized into four divisions under the office of the General Manager as listed below, and has the Human Resources Department as a direct report:

- **Office of the General Manager**
 - General Manager
 - Legal Coordination
- **Human Resource Department**
 - Human Resource Director
 - Benefits
 - Employee Relations
 - Training
 - Policies and Procedures
- **Water Production Division**
 - Chief Operating Officer
 - Water Production
 - Operations
 - Facilities Maintenance
 - Contracts & Construction
 - Engineering Support
 - Technical Support
 - Safety & Security
- **Finance and Administration Division**
 - Chief Financial Officer
 - Finance
 - Purchasing & Warehouse
 - Board Records
 - Information Technology
- **Science and Technical Division**
 - Chief Science & Technical Officer
 - Regulatory Compliance
 - Modeling & Source Analysis
 - Planning
 - Demand Management
 - Laboratory
- **Public Affairs Division**
 - Chief Communications Officer
 - Public Communications
 - Strategic Communications
 - Government & Legislative Affairs
 - Outreach & Education

Tampa Bay Water – 2021 Annual Budget Annual Budget Development

Tampa Bay Water’s annual budget development process utilizes a budget format that organizes the annual operating costs and other financial requirements of divisions, departments and Office of the General Manager, into twelve major expense categories and approximately 60 sub-categories.

The major expense categories for budgetary and accounting purposes include the following:

- Personnel Services
- Materials and Supplies
- Professional Services
- Repairs and Other Services
- Rent and Insurance
- Legal Services
- Capital Expenditures
- Debt Service
- Water Quality Credits
- Water Treatment Chemicals
- Water for Resale
- Power & Electric
- Reserve Funding

The major expense categories consist of sub-categories to allow Tampa Bay Water’s divisions, departments and offices to estimate the projected expenses at the sub-category level. For example, the Personnel Services category includes the following sub-categories: Regular Salaries, Other Salaries and Wages, Overtime, Shift Differential, On-call Pay, FICA, FRS, Life and Health Insurance, Workers’ Compensation, Unemployment Compensation, and Auto Allowance.

As part of the annual budget development process, each of Tampa Bay Water’s divisions, departments and the General Manager are required to prepare their initial annual budget requirements by major categories and sub-categories, using the budget model. These initial budget requirements are reviewed, evaluated, and modified, as needed, at the department, division, and agency levels to ensure that budgets are appropriate for planned operating levels, proposed project activity, and achievement of agency goals. The proposed budget is presented at a Board workshop for further review by the Board. Meetings are also held with the staff of the six member governments to review the proposed budget.

Tampa Bay Water – 2021 Annual Budget Annual Budget Development

Budget Basis

The basis for developing and adopting the annual budget for Tampa Bay Water is established by the Amended and Restated Interlocal Agreement. This requires that the budget be prepared primarily on an accrual basis, which is similar to the Agency's annual financial statements. Notable differences between the budget basis and the GAAP basis used for financial reporting are as follows:

- Principle payments on long-term debt are treated as current expenditures for the budget basis, as opposed to being recorded as a reduction of outstanding liabilities for the GAAP basis.
- Capital expenditures funded from the rate are treated as current expenditures under the budget basis, but are treated as acquisition of capital assets under the GAAP basis.
- Capital expenditures funded from debt proceeds are not reflected under the budget basis and are capital asset acquisitions under the GAAP basis.
- The budget basis includes only that investment income which is available for use for budgetary purposes. The GAAP basis reflects all interest income, including that restricted as to purpose, and as adjusted for interest income which is offset against interest costs allocated to construction projects in accordance with GAAP.
- The budget basis includes only interest expense that is to be paid from the rate and budgeted revenue sources. Interest expense under the GAAP basis may also include interest costs being paid from bond proceeds (capitalized interest) and will exclude any interest costs that are treated as a cost of assets in the construction phase.
- The budget basis also reflects transfers to and from various reserves, which are not revenue and expense under the GAAP basis.

Tampa Bay Water – 2021 Annual Budget Annual Budget Development

Annual Budget Requirements

This section briefly describes the key requirements of the annual budget development and approval process, as outlined in the Interlocal Agreement.

Section 2.08. Article II, *Creation and Governance*, of the Amended and Restated Interlocal Agreement establishes the procedures and requirements for the development of an annual budget for Tampa Bay Water. The requirements are as follows:

- Prior to July 1 of each year, the General Manager shall prepare and deliver to the Board a balanced tentative budget for Tampa Bay Water covering its proposed operating and other financial requirements for the ensuing fiscal year. The tentative budget shall identify:
 - The rate at which Quality Water will be sold to Member Governments during such fiscal year; and
 - The rate to be charged to the City of Tampa for water provided through the Tampa Bypass Canal pumping facility during such fiscal year.
- The Board shall publish a notice of its intention to adopt the budget and shall provide copies of the notice and tentative budget to each Member Government on or before the first publication date. The notice shall include a summary of the tentative budget; specify the rates at which Quality Water will be sold to the Member Governments; and identify the time, date, and place at which the public may appear before the Board and state their objections to or support of the budget and rates. The notice shall be published once a week for two consecutive weeks within thirty (30) days of the public hearing, in any newspaper qualified to accept legal advertisements in each county in the jurisdiction of Tampa Bay Water, the last insertion of which shall appear not less than one week prior to the date set by the Board for the hearing on the proposed budget and rates.
- At the time, date and place specified in the notice, the Board shall conduct a public hearing and thereafter may consider adoption of the budget and rates with any amendments it deems advisable. Unless otherwise authorized by the Board, the final budget and rates shall be adopted by August 1.
- The adopted budget shall be the operating and fiscal guide for Tampa Bay Water for the ensuing fiscal year. The Board may amend the budget at any regular or special meeting; provided however, that prior to approving any budget amendment that increases the total budget for any fiscal year (other than a budget amendment appropriating grant funds or the proceeds of debt obligations), the Board shall provide notice and conduct an additional public hearing in the manner described above.

**Tampa Bay Water – 2021 Annual Budget
Annual Budget Development**

Annual Budget Process

The Budget Administrator has the overall responsibilities of coordinating and managing the annual budget development process. Typically, Tampa Bay Water’s annual budget development and approval process (for the ensuing fiscal year) runs from November to June of the current fiscal year – essentially, the annual budget development process starts approximately eleven (11) months prior to the beginning of the fiscal year for which the budget is being developed.

Key milestones for the annual budget development and approval process are presented below:

Month	Key Activities	Responsible Entity
2 nd week of November	<ul style="list-style-type: none"> ▪ Initiate the annual budget development process ▪ Request any changes (+/-) in the annual budget request for the ensuing Fiscal Year (compared to the current Fiscal Year budget) ▪ Request any changes (+/-) in the annual budget request and/or format for the ensuing Fiscal Year from Tampa Bay Water’s Member Governments 	<ul style="list-style-type: none"> ▪ Tampa Bay Water Budget Administrator ▪ Tampa Bay Water Executive Team and Department Managers ▪ Tampa Bay Water’s Member Governments
1 st week of December	<ul style="list-style-type: none"> ▪ Receive and incorporate information regarding potential changes (+/-) in the annual budget request and/or format for the ensuing Fiscal Year 	<ul style="list-style-type: none"> ▪ Tampa Bay Water Budget Administrator
2 nd week of December	<ul style="list-style-type: none"> ▪ Request Member Governments to provide information/cost estimate regarding any special or unusual program need(s) for the ensuing Fiscal Year 	<ul style="list-style-type: none"> ▪ Tampa Bay Water Budget Administrator
2 nd week in December	<ul style="list-style-type: none"> ▪ Distribute the annual budget packet to Executive Team and Department Managers for review 	<ul style="list-style-type: none"> ▪ Tampa Bay Water Budget Administrator
4 th week of December	<ul style="list-style-type: none"> ▪ Identify special program needs, if any, and provide cost estimate for special program needs for the ensuing Fiscal Year ▪ Receive and incorporate information regarding special program needs as submitted by the Member Governments 	<ul style="list-style-type: none"> ▪ Tampa Bay Water Member Governments ▪ Tampa Bay Water Budget Administrator
2 nd week of January	<ul style="list-style-type: none"> ▪ Submit the annual budget request for the ensuing Fiscal Year to the Finance Department 	<ul style="list-style-type: none"> ▪ Tampa Bay Water Executive Team and Department Managers
4 th week of January	<ul style="list-style-type: none"> ▪ Distribute the preliminary draft budget for the ensuing Fiscal Year to the Executive Team, and the General Manager for their review and comment 	<ul style="list-style-type: none"> ▪ Tampa Bay Water Budget Administrator

**Tampa Bay Water – 2021 Annual Budget
Annual Budget Development**

Month	Key Activities	Responsible Entity
1 st week of February	<ul style="list-style-type: none"> ▪ Provide Tampa Bay Water with an updated Annual Report, in the form provided in Exhibit K of the Amended and Restated Interlocal Agreement, setting forth the next five Fiscal Years of projected Water service demand for their respective service area. 	<ul style="list-style-type: none"> ▪ Tampa Bay Water Member Governments
2 nd week of February	<ul style="list-style-type: none"> ▪ Request an update from Member Government regarding any project and/or program related changes, if any, since the last update in December 	<ul style="list-style-type: none"> ▪ Tampa Bay Water Budget Administrator ▪ Tampa Bay Water Member Governments
2 nd week of February	<ul style="list-style-type: none"> ▪ Meet with all members of the Executive Team, Department Managers and the General Manager to review the annual budget requirement for the ensuing Fiscal Year 	<ul style="list-style-type: none"> ▪ Tampa Bay Water Budget Administrator ▪ Tampa Bay Water Executive Team, Department Managers and General Manager
3 rd week of February	<ul style="list-style-type: none"> ▪ Incorporate any changes (+/-) to the annual budget request which resulted from meetings with the Executive Team, Department Manager, and the General Manager 	<ul style="list-style-type: none"> ▪ Tampa Bay Water Budget Administrator
4 th week of February	<ul style="list-style-type: none"> ▪ General Manager meets with Executive Team to review program plans and outstanding issues regarding the annual budget for the ensuing Fiscal Year 	<ul style="list-style-type: none"> ▪ Tampa Bay Water General Manager, Executive Team, and Finance Manager
1 st week of March	<ul style="list-style-type: none"> ▪ Finalize any changes (+/-) to the annual budget request for the ensuing Fiscal Year based on feedback received from the General Manager 	<ul style="list-style-type: none"> ▪ Tampa Bay Water Budget Administrator
2 nd & 3 rd week of March	<ul style="list-style-type: none"> ▪ Prepare and distribute the bound copies of the annual budget for the ensuing Fiscal Year to Tampa Bay Water staff, Member Governments and Board 	<ul style="list-style-type: none"> ▪ Tampa Bay Water Budget Administrator
1 st and 2 nd week of April	<ul style="list-style-type: none"> ▪ Meet with Member Governments representatives to discuss the proposed annual budget for the ensuing Fiscal Year ▪ Incorporate comments/suggestions regarding the annual budget which resulted from meetings with Member Governments ▪ Prepare documents for Board workshop 	<ul style="list-style-type: none"> ▪ Tampa Bay Water Budget Administrator; Finance Manager ▪ Tampa Bay Water Budget Administrator ▪ Tampa Bay Water Budget Administrator
3 rd week of April	<ul style="list-style-type: none"> ▪ Conduct a Board workshop to discuss the annual budget proposal for the ensuing Fiscal Year 	<ul style="list-style-type: none"> ▪ Tampa Bay Water General Manager

**Tampa Bay Water – 2021 Annual Budget
Annual Budget Development**

Month	Key Activities	Responsible Entity
2 nd or 3 rd week of May	<ul style="list-style-type: none"> ▪ Present the preliminary annual budget for Tampa Bay Water for the ensuing Fiscal Year ▪ Schedule and issue a notice for the public hearing for the final budget approval 	<ul style="list-style-type: none"> ▪ Tampa Bay Water General Manager ▪ Tampa Bay Water Chief Financial Officer, and Budget Administrator
2 nd or 3 rd week of June	<ul style="list-style-type: none"> ▪ Obtain Board’s approval for the final annual budget for Tampa Bay Water for the ensuing Fiscal Year 	<ul style="list-style-type: none"> ▪ Tampa Bay Water General Manager

Major Responsibilities

The annual budget development process for Tampa Bay Water is a group effort that relies on regular interactions between division officers, senior managers, department managers, the General Manager, General Counsel, and the Budget Administrator. Additionally, the Budget Administrator works closely with representatives of Member Governments to seek their input during the annual budget development process.

A high-level summary of major roles and responsibilities of various entities involved in the annual budget development process is presented below.

• **Tampa Bay Water – Budget Administrator**

The Budget Administrator has the overall responsibility for coordinating and managing the annual budget development process. The major responsibilities of the Budget Administrator include:

- Prepare the necessary summary reports of prior fiscal year budget allocations and year-to-date actual expenses by major categories for all divisions, departments and offices – information provided in these summary reports serve as a basis for developing budgetary estimates for the ensuing fiscal year.
- Distribute the relevant summary reports to divisions, departments and offices.
- Set up and maintain the budget model to collect and process the annual budget data/information by categories for the ensuing fiscal year as received from divisions, departments and offices.
- Review the annual budgetary estimates prepared by divisions, departments and offices for the ensuing fiscal year.
- Identify and document a list of potential modifications to the annual budgetary requirements for divisions, departments and offices for the ensuing fiscal year based on prior fiscal year budget allocations, actual expenses, and guidelines established by the Chief Financial Officer, Finance Manager, and General Manager (e.g., impact on Member Governments of potential rate increase, keeping any increases in the annual budget to a manageable level, etc.).

Tampa Bay Water – 2021 Annual Budget Annual Budget Development

- Meet with the department managers and staff to review the annual budgetary estimates for the ensuing fiscal year for their respective division/department/office.
 - Meet with division Officers, Directors, Senior Managers and General Manager to review the proposed budget requirements for the ensuing fiscal year.
 - Revise the budget estimates, as necessary, based on the feedback received from the executive team of Tampa Bay Water.
 - Prepare and distribute copies of the annual budget estimate for the ensuing fiscal year to Tampa Bay Water management, Member Governments and the Board.
 - Meet with the representatives of Member Governments to review the annual budget estimates for the ensuing fiscal year.
 - Review potential concerns/comments/suggestions expressed by Member Governments regarding the annual budget estimate for the ensuing fiscal year with the Chief Financial Officer and General Manager, as necessary.
 - Incorporate all changes to the preliminary budget estimate for the ensuing fiscal year that are approved by the General Manager and/or the Chief Financial Officer.
 - Verify the annual budget's compliance with the terms specified in the Master Water Supply Contract, the Amended and Restated Interlocal Agreement, and provisions of the Financing Documents.
 - Prepare and distribute the final budget for the ensuing fiscal year.
- **Tampa Bay Water – Executive Team and Department Managers**

The Executive Team, department managers, the General Manager and a representative for General Counsel are responsible for the following activities for their respective division/department/office:

- Review the current fiscal year budget allocation against the year-to-date actual expenses by major categories.
- Identify, estimate and document anticipated changes (+/-) in the annual budgetary requirements (both capital and operating budget) for the ensuing fiscal year due to change in program(s) and/or project(s) requirements.
- Estimate and document potential changes (+/-) in the annual budgetary requirements for the ensuing fiscal year due to anticipated changes in operations, costs and/or quantities of materials/supplies required, consulting support services, etc.
- Prepare a preliminary budget estimate (both capital and operating budget) for the ensuing fiscal year.
- Input the annual budget estimates for the ensuing fiscal year by budget category and sub-category in the budget model.

Tampa Bay Water – 2021 Annual Budget Annual Budget Development

- Meet with the Budget Administrator to discuss the annual budget requirements for the ensuing fiscal year.
- Support the Budget Administrator and the Finance Manager in their efforts to prepare the final budget for the ensuing fiscal year.

- **Member Governments**

Tampa Bay Water’s Member Governments have the following responsibilities in the annual budget development process:

- Provide the next five fiscal years of projected water services demand for their respective service area to Tampa Bay Water (use the form provided in Exhibit K of the Amended and Restated Interlocal Agreement).
- Identify and communicate any special program needs, which could have an impact on the annual budget request, for the ensuing fiscal year to Tampa Bay Water.
- Review the preliminary annual budget request for the ensuing fiscal year, and provide any comments/suggestions to the Budget Administrator.

- **Tampa Bay Water – Board**

Tampa Bay Water Board has the final authority to approve the annual budget request. The Board has the following responsibilities in the annual budget development and approval process:

- Review the tentative budget for Tampa Bay Water covering its operating and financial requirements for the ensuing fiscal year.
- Provide comments/suggestions, as necessary, to Tampa Bay Water’s Budget Administrator, Finance Manager, and Executive Team regarding the annual budget request for the ensuing fiscal year.
- Publish a notice of its intention to adopt the budget for the ensuing fiscal year during the scheduled public meeting.
- Conduct a public hearing and adopt the final budget and rates with any amendments it deems advisable.

Budget Implementation

The approved annual budget is input to the Agency’s financial accounting system at the beginning of each fiscal year. The system provides accountability and reporting of purchase order encumbrances and actual expenditures versus the approved budget. Agency staff, together with the Budget Administrator, monitor compliance with the budget. At year end, encumbrances which represent on-going contractual commitments are carried over to the succeeding fiscal year until the commitment is completed. Encumbrances which terminate at the end of the fiscal year are closed out at year end.

**Tampa Bay Water – 2021 Annual Budget
Annual Budget Development**

Budget Amendments

Agency policy allows the transfer of budget between sub-categories within a single budgetary category (e.g. within Professional Services from Hydrological Services to Ecological Services) with the approval of the General Manager. Transfers of budget between major categories (e.g. from Professional Services to Materials & Supplies or to Repairs & Other Services) must be submitted to the Agency's board for approval regardless of dollar amount. Any increase to the total budget also requires Board approval and a public hearing.

Financial Management Policies

Fiscal Year 2021

The Financial Policies section provides a summary of Tampa Bay Water's primary financial policies.

Tampa Bay Water – 2021 Annual Budget
Financial Management Policies

The financial policies are intended as a guide to financial stewardship of Tampa Bay Water. The policies will guide essential decisions affecting budget and financial matters to ensure the Agency is financially prepared to meet the Board's immediate and long-term service objectives.

Utility Reserve Fund (Fund Balance) Policy

To provide adequate operating capital at all times, Tampa Bay Water shall maintain, at a minimum, a Utility Reserve Fund sufficient to cover 10% of yearly budgeted Gross Revenue (as defined in Tampa Bay Water's bond covenants), exclusive of revenue from government grants, whether such grants are received for capital improvement or operating purposes. The balance in the Utility Reserve Fund shall also be maintained at levels sufficient to insure that Tampa Bay Water complies with its bond covenant requirements including a requirement that Net Revenues plus Fund Balance (unencumbered monies on deposit in the Utility Reserve Fund on the preceding September 30th) be equal to or greater than 125% of annual debt service coming due in the fiscal year. A higher coverage may be established by the Board if circumstances warrant such coverage.

To insure compliance with Master Water Supply requirements, any Gross Revenues which remain on deposit at the end of the fiscal year and which are not required to pay liabilities existing at the end of the fiscal year (unexpended funds) shall be deposited to the Utility Reserve Fund. The Chief Financial Officer will evaluate the adequacy of the Utility Reserve Fund balance as it relates to both the current year and the succeeding budget year debt covenant calculations. Monies deposited to the Utility Reserve Fund will remain in the Utility Reserve Fund to the extent they are needed to maintain compliance with bond covenants and as required by the Utility Reserve Fund Policy.

Rate Stabilization Account Policy

The Master Water Supply Contract allows the Board to establish a Rate Stabilization account. After meeting the Utility Reserve Fund requirements, any additional funds deposited to the Utility Reserve Fund at the end of the fiscal year shall be transferred to the Rate Stabilization Account and accounted for as deferred revenues of the fiscal year in which the revenues were accrued. Such transfer and accounting must be made no later than 90 days after the end of the fiscal year in which the funds were accrued and must be approved by the General Manager.

The lesser of (a) 3% of budgeted revenue of the year just ended or (b) the amount of encumbrances being carried forward or (c) the amount of monies deposited to the Rate Stabilization Account may be applied as Revenue in the first succeeding fiscal year, with the approval of the General Manager. Such funds are to be used for purposes of funding encumbrances carried forward and/or other approved activities. Encumbrances which exist at the end of the fiscal year just ended and which are being funded from the Uniform Rate may also be carried to the first succeeding fiscal year with the approval of the General Manager to allow for completion of tasks that were budgeted and approved in the fiscal year just ending.

Any monies placed in the Rate Stabilization Account in excess of the 3% of budgeted revenue amount will be applied to the first succeeding fiscal year either to pay expenditures of the first succeeding fiscal year for which rates are collected or to remain in the Rate Stabilization Account for use in a subsequent year. Any application of these monies in excess of 3% requires approval of the Board of Directors.

Tampa Bay Water – 2021 Annual Budget

Financial Management Policies

To the extent that any monies are utilized from the Rate Stabilization Account to fund expenditures currently provided for in the Uniform Rate, the rate being charged will be modified to take this funding into account.

Fixed Asset Policy

The Chief Financial Officer is responsible for establishing the policies and procedures necessary to provide adequate internal control over Fixed Assets. Policies and procedures shall be approved by the General Manager. Statements of policy shall be submitted to the Board of Directors for review. All Fixed Assets acquired by the Agency shall be titled to the Agency and recorded in the Fixed Assets records system. At a minimum, the Fixed Assets records system shall contain the applicable information required by regulatory bodies. (Reference: Fla. Statutes, Chap. 274.02; Florida Administrative Code, Chap. 69I-73.003). An annual physical inventory of all movable equipment shall be taken under the direction of the finance department and reconciled to the fixed asset records and general ledger control accounts in accordance with Fla. Statutes, Chap. 274.02 and Florida Administrative Code, Chap. 69I-73.006.

Debt Policy

The Agency's debt policy permits the following: (a) issuance of debt obligations on behalf of Tampa Bay Water to finance the construction or acquisition of infrastructure and other assets for the purpose of meeting its water supply obligations to the member governments; and (b) issuance of debt obligations to refund outstanding debt when market conditions indicate at least a 3% present value savings or when other management considerations, as recommended by the agency's financial advisors, indicate the refunding is appropriate. The debt policy requires that debt obligations be issued and administered in such a manner as to insure and sustain the long-term financial integrity of Tampa Bay Water and to achieve the highest possible credit rating for the Agency. Debt obligations must be consistent with the Board's Derivative Policy. Also, debt obligations shall not be issued, and debt proceeds shall not be used to finance current operations without specific action of the Board and concurrence of the Agency's Bond Counsel as to the appropriateness of that action.

There is no legal limitation on the amount of debt that the Agency can issue. However, the Agency must be able to demonstrate that it can repay the debt from the revenues generated from water sales or other approved sources.

Tampa Bay Water's procedures for effective management of debt are as follows:

- Comply with all debt covenants and requirements of the bond resolution
- Evaluate potential refinancing of debt when present value savings equal or exceed 3% of current debt service
- Issue new debt at the most beneficial interest rates and only when required for financing of the Capital Improvement Program
- Maintain favorable bond ratings by effectively communicating the financial condition of Tampa Bay Water to rating agencies, bond holders and the public
- Utilize cooperative funding through grant programs whenever possible to reduce borrowing
- Schedule debt service payments to provide for gradual impacts on the uniform rate charged to member governments over a period not to exceed the lesser of the useful life of the project or thirty years

Tampa Bay Water – 2021 Annual Budget Financial Management Policies

Investment Policy

The objectives of the Agency’s investment policy are safety, liquidity and return on investment. The primary objective is safety, i.e. the minimization of risk and the preservation and protection of investment principal. The second objective is always to maintain enough liquidity to meet all cash requirements that can reasonably be anticipated. The third objective is to maximize investment return, but only within the constraints of the first two objectives. The investment policy also establishes allowable investments, investment providers, and investment concentrations in furtherance of these objectives. The Agency currently maintains all of its deposit accounts in accounts that qualify as Public Deposit accounts as defined by Florida Statutes or have been purchased from Securities Investor Protection Corporation (SIPC) brokers/dealers with a long-term issuer rating in the “A” category or higher from both Standard & Poor’s and Moody’s Rating Services.

Accounting, Auditing and Financial Reporting Policies

Tampa Bay Water maintains a system of financial monitoring, control, and reporting for its operations and resources to provide an effective means of insuring that Agency goals and objectives are met.

- **Basis of Accounting and Accounting Systems:**

The Agency’s financial records and the annual financial statements are maintained on the accrual basis of accounting, consistent with Generally Accepted Accounting Principles (GAAP) and Governmental Accounting Standards Board (GASB) pronouncements applicable to an enterprise fund. In addition, the Agency follows the rules of the Auditor General of the State of Florida which are applicable to the Agency and utilizes the State of Florida Uniform Accounting System. The Agency’s accounting system also includes an encumbrance system for tracking purchase commitments.

- **Auditing:**

Each year the Agency has an annual financial audit performed by an independent certified public accounting firm. The results of this audit are included with the Agency’s annual financial statements and are reported to the Board no later than March 1st of the subsequent year. The audited financial statements are available on the Tampa Bay Water website. The Agency’s independent auditors are selected in accordance with the Agency’s Auditor Selection Policy and applicable Florida Statutes.

- **Performance Audit:**

The Agency is required to have a performance audit and management study of its operations at five-year intervals. The performance audit and management study reviews program results and makes recommendations regarding the Agency’s governance structure and the proper, efficient, and economical operation and maintenance of the Agency’s water supply facilities. The last performance audit was completed in fiscal year 2015 by KPMG, LLP. The 2020 Management and Performance Audit is being conducted by CliftonLarsonAllen, LLP.

Financial Plan

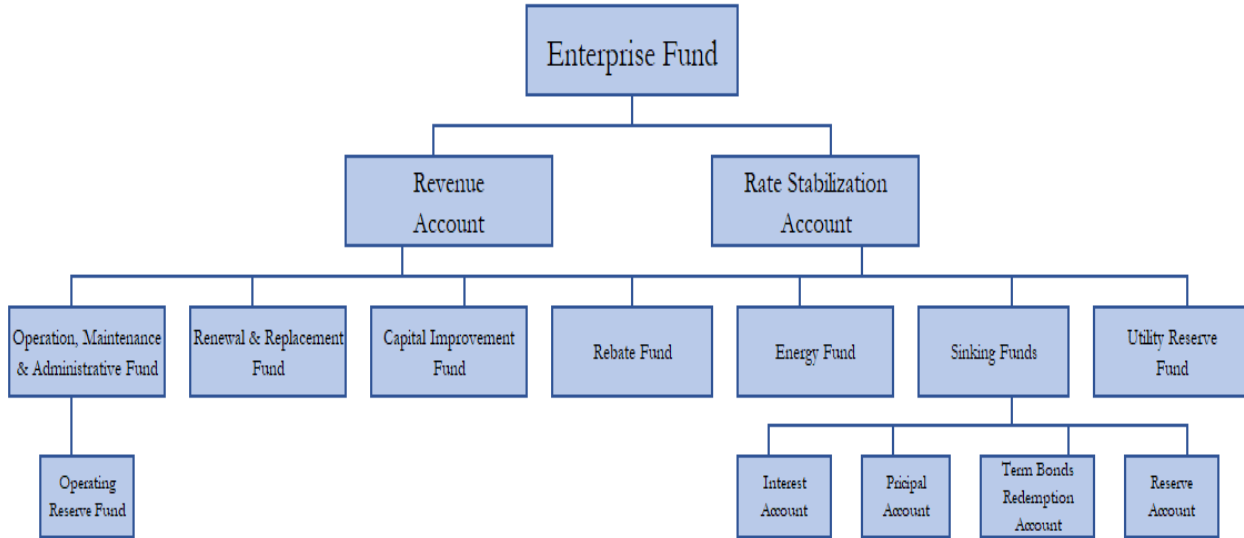
Fiscal Year 2021

The Financial Plan section provides an overview of Tampa Bay Water's budgetary fund structure and information on revenue and expenditures, as well as capital spending for the budget year.

Tampa Bay Water – 2021 Annual Budget Financial Plan

Funds Structure Overview

Tampa Bay Water consists of one major Enterprise Fund, which is further broken down into additional funds and accounts for accounting purposes.



1. The Revenue Account is the initial depository for all Agency revenue. Revenue is transferred to other funds as required.
2. The Rate Stabilization Account is funded and used by the annual budget and/or Board approved transfers, including funding of the Revenue Account.
3. The Operation, Maintenance, and Administration Fund is used to pay all operating and administrative costs of the Agency. The Operation, Maintenance and Administration Fund includes the Operating Reserve Fund.
4. The Renewal and Replacement Fund is used for repairs and replacement of the System as the need arises and as approved by the Board.
5. The Capital Improvement Fund is used to pay costs of various capital projects as designated and approved by the Board.
6. The Rebate Fund is used for rebatable arbitrage to the IRS, whenever interest on tax-exempt bond construction funds exceeds allowable earnings under IRS arbitrage regulations.
7. The Energy Fund is used for various energy program projects as designated and approved by the Board.
8. The Sinking Funds holds all Agency funds restricted to payment of Agency debt. The Sinking Funds consists of four (4) accounts: Interest Account, Principal Account, Term Bonds Redemption Account, and Reserve Account. The Interest, Principal, and Redemption Accounts are funded annually from Revenues and are used annually to pay debt service. The Reserve Account is fully funded from bond proceeds and generally changes only when new debt is issued, or an outstanding bond issue is redeemed.
9. The Utility Reserve Fund is used for transfers in of any unexpended funds remaining at the end of a fiscal year. The fund balance is maintained at a balance sufficient to meet bond coverage requirements and operating capital needs. The Utility Reserve may be used for any lawful purpose relating to the System, including funding of the Rate Stabilization Account.

**Tampa Bay Water – 2021 Annual Budget
Financial Plan**

Reserves and Restricted Funds

Tampa Bay Water maintains the following funds and accounts to comply with requirements of the financing documents and the Master Water Supply Contract.

- **Operating Reserve** – Tampa Bay Water maintains Operating Reserve Funds. The amount of Operating Reserve Funds shall not exceed an amount equal to two times the monthly average Variable Costs as provided in Tampa Bay Water’s annual budget.

Investment earnings on the Operating Reserve remain in the account until the funding requirement is fully met and then may be used for any lawful purpose.

The Operating Reserve balance at October 1, 2020 is estimated to be \$4,442,923. Variable costs for fiscal year 2021 are estimated to be \$25,938,571. Two months of variable costs will equal \$4,323,095. Therefore; a transfer of \$119,828, will be made to the Rate Stabilization account at the start of fiscal year 2021 to bring the Operating Reserve to a level equal to two months of variable costs.

- **Renewal and Replacement Fund** – Tampa Bay Water is required to maintain an amount equal to five (5) percent of the prior fiscal year’s Gross Revenues or such other amount as is certified by the Consulting Engineer. These funds are available to be used for repair and/or replacement of the System as the need arises. The Renewal and Replacement Fund provisions are reviewed annually by the System Engineer.

Investment earnings in the Renewal and Replacement Fund remain in the fund until the funding requirement is met. Investment earnings more than the funding requirement are deposited into the Revenue Fund and are available for any lawful purpose.

The Renewal and Replacement fund balance at October 1, 2020 is estimated at \$32,687,852. Tampa Bay Water has developed a Renewal and Replacement Program that identifies all critical components of the water delivery system. The program assists in developing a schedule for replacing or improving components in order to maintain the reliability of the system. The current estimate for program projects that will be scheduled during 2021 is \$10,386,195. The total amount to be funded into the Renewal and Replacement Fund is \$3,000,000.

- **Capital Improvement Fund** – Capital Improvement charges collected, or other funds received which are designated by the Board as Capital Improvement Funds are deposited to this fund. The Capital Improvement Fund balance at October 1, 2020 is estimated at \$25,046,262. These funds are budgeted in conjunction with the Capital Improvement Program. The current program estimated that projects funded with Capital Improvement Funds during fiscal year 2021 will total \$10,665,328.

- **Sinking Fund Interest and Principal Accounts** – Funds collected to pay annual interest and principle on debt are deposited into the accounts and expended for debt service payments as they come due. Funds in the account at the end of the fiscal year are used to pay debt due on October 1st of the new fiscal year. The estimated account balance at year end 2021 is \$53,297,258.

**Tampa Bay Water – 2021 Annual Budget
Financial Plan**

- **Sinking Fund Debt Service Reserve Account** – Tampa Bay Water is required to fund and maintain an amount equal to the lesser of maximum annual aggregate debt service coming due in any fiscal year or 125% of the average annual debt service over the life of the Bonds outstanding. These funds may be used only to satisfy an insufficiency in the Debt Service Account until such time as the Bonds are paid off. When the amount of cash in the Reserve Account together with other amounts in the Debt Service Accounts, are sufficient to fully pay all outstanding Bonds in accordance with their terms, the funds on deposit in the Reserve Account may be used for payment of the Bonds. This reserve is fully funded.

Investment earnings on the Reserve Account remain in the account until the Reserve Requirement is fully met. Investment earnings in excess of the Reserve Requirement are deposited into the Revenue Fund and are available for any lawful purpose.

- **Utility Reserve Fund** – Tampa Bay Water is required to transfer any unexpended funds remaining at the end of each fiscal year to the Utility Reserve Fund. The fund is maintained at balances sufficient to meet bond coverage requirements and operating capital needs. The Utility Reserve Fund may be used for any lawful purpose relating to the System.

Investment earnings in the Utility Reserve Fund remain in the fund and may be applied for any lawful purpose.

- **Rate Stabilization Account** – The Rate Stabilization Account is funded from amounts established by the annual budget or approved by the Board. The fund is used to maintain changes in the Uniform Rate at more consistent levels.

Investment earnings in the Rate Stabilization Account remain in the account and may be applied for any lawful purpose.

The Rate Stabilization account balance at October 1, 2020 is estimated at \$35,700,886 and is available for reduction of current and future year rates to the extent that it has not been designated by the Board for specific purposes including unanticipated legal and mitigation costs. It is anticipated that a total of 4,113,497 will be withdrawn from the Rate Stabilization account in fiscal year 2021. A transfer of \$119,828 from the Operating Reserve will be transferred to the Rate Stabilization account. A withdrawal of \$4,233,325 equal to the estimated amount of unexpended 2020 funds that will carry-forward into fiscal year 2021. Unexpended funds available for carryforward are deposited into the Rate Stabilization account at year-end and then withdrawn from the account the following fiscal year.

- **Rebate Fund** – Interest earned on Construction Funds which exceeds allowable earnings under IRS arbitrage regulations may result in rebatable arbitrage to the IRS. When a liability for rebatable arbitrage is incurred, funds owing to the IRS are placed in the Rebate Fund. These funds and interest earned thereon remain in the fund until the liability to the IRS is satisfied.
- **Energy Fund** – The Energy Fund is funded with revenue generated from an agreement with Duke Energy’s Commercial Demand Response Program provider ENERNOC and reimbursement from Withlacoochee River Electric Cooperative (WREC). These funds are used to fund Energy Program projects which must result in an energy savings to Tampa Bay Water.

**Tampa Bay Water – 2021 Annual Budget
Financial Plan**

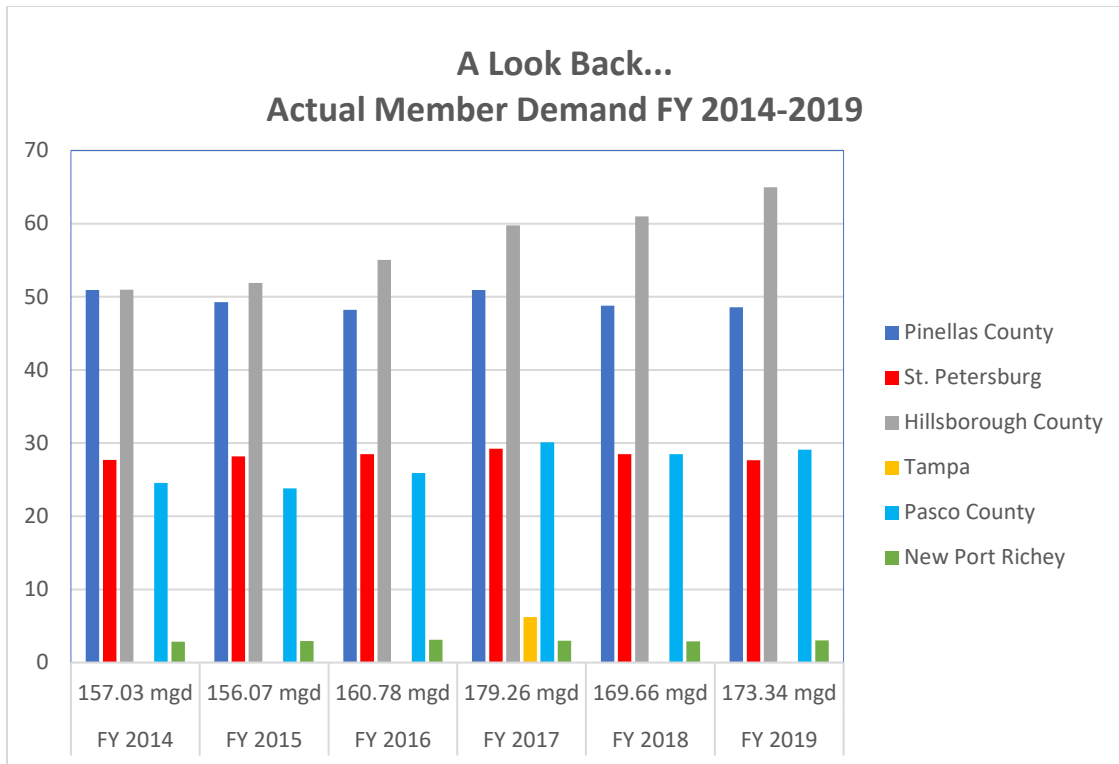
**Tampa Bay Water
Projected Changes in Fund Equity
Budget Year 2021**

	Operations	Operating Reserve	Renewal and Replacement Fund	Capital Improvement Fund	Energy Fund	Sinking Funds		Utility Reserve Fund	Rate Stabilization Account	Rebate Fund	Total Enterprise Fund
						Interest & Principal Accounts	Debt Service Reserve Account				
Estimated Beginning Fund Balance	\$ 17,490,105	\$ 4,442,923	\$ 32,687,852	\$ 25,046,262	\$ 950,977	\$ 52,348,710	\$ 71,129,301	\$ 29,314,554	\$ 35,700,886	\$ -	\$ 269,111,570
Revenues											
Water Sales	172,518,114	-	-	-	-	-	-	-	-	-	172,518,114
Water Sales - Tampa Bypass Canal	392,000	-	-	-	-	-	-	-	-	-	392,000
Interest Earned	209,881	53,315	376,403	275,965	8,416	617,954	889,846	351,775	428,411	-	3,211,966
Lake Bridge Operations & Maintenance - Pasco	42,000	-	-	-	-	-	-	-	-	-	42,000
Expenditures											
Fixed Cost	(71,741,709)	-	-	-	-	-	-	-	-	-	(71,741,709)
Variable Costs	(25,938,571)	-	-	-	-	-	-	-	-	-	(25,938,571)
Debt Service - Bonds	(70,093,840)	-	-	-	-	-	-	-	-	-	(70,093,840)
Debt Service - Acquisition Credits	(10,231,558)	-	-	-	-	-	-	-	-	-	(10,231,558)
Water Quality Credits	(48,000)	-	-	-	-	-	-	-	-	-	(48,000)
Capital Project Expenditures											
Capital Improvement Fund Projects	-	-	-	(10,665,328)	-	-	-	-	-	-	(10,665,328)
Renewal & Replacement Fund	-	-	(10,386,195)	-	-	-	-	-	-	-	(10,386,195)
Energy Fund	-	-	-	-	(416,257)	-	-	-	-	-	(416,257)
Grants	2,432,238	-	-	-	-	-	-	-	-	-	2,432,238
Interfund Transfers											
Transfer interest available for operations	3,002,085	(53,315)	(376,403)	(275,965)	(8,416)	(617,954)	(889,846)	(351,775)	(428,411)	-	-
Transfer to Sinking Fund - Interest/Principal	(948,548)	-	-	-	-	948,548	-	-	-	-	-
Transfer from (to) Rate Stabilization Account	4,233,325	(119,828)	-	-	-	-	-	-	(4,113,497)	-	-
Transfer to Renewal & Replacement	(3,000,000)	-	3,000,000	-	-	-	-	-	-	-	-
Transfer to Capital Imp. Fund (interest)	(275,965)	-	-	275,965	-	-	-	-	-	-	-
Transfer to Capital Improvement Fund	(1,500,000)	-	-	1,500,000	-	-	-	-	-	-	-
	\$ 16,541,557	\$ 4,323,095	\$ 25,301,657	\$ 16,156,899	\$ 534,720	\$ 53,297,258	\$ 71,129,301	\$ 29,314,554	\$ 31,587,389	\$ 0	\$ 253,682,725

Tampa Bay Water – 2021 Annual Budget Financial Plan

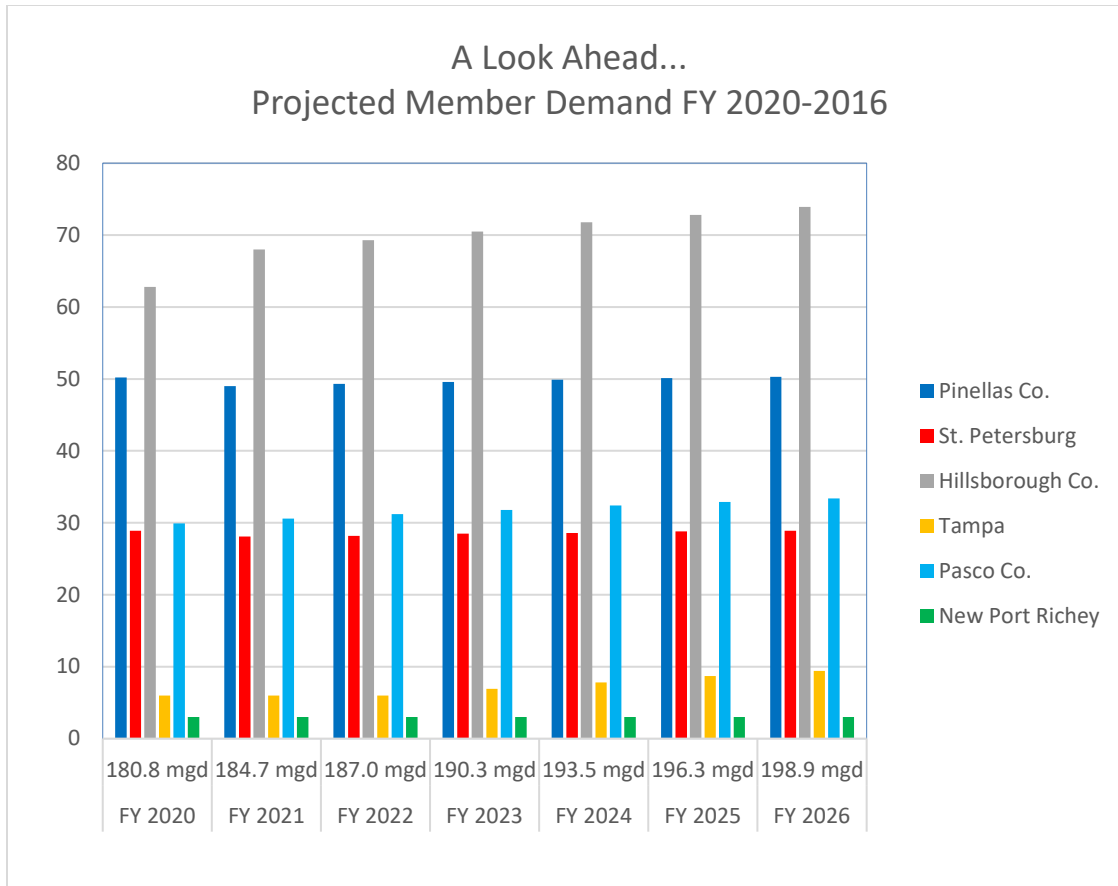
Financial Planning and Trends

The Master Water Supply Contract requires Agency Members to annually provide a five-year estimate of projected water service demand for their respective service areas. Additionally, the Agency utilizes various demand forecasting tools to provide five-year water service demand projections for its Members' service areas. These projections take into consideration relevant factors such as historical rainfall patterns, demographics, population growth, and conservation measures. This information is utilized by management in developing the annual budget and five-year budget projections.



The Tampa Bay Region saw very little population growth and economic recovery in 2014 and 2015. In 2016, an upturn in growth was realized in a few of our member's service areas within Hillsborough and Pasco Counties. Pinellas County's demand decreased slightly when the county lost wholesale water customers. The City of Tampa was able to supply their service area without purchasing any water from Tampa Bay Water with the exception of 2017.

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Financial Plan**



Tampa Bay Water provides regional water demand forecasts for its six-member governments to project the amount of water supply needed within Tampa Bay Water’s service area. The agency’s Long-term Demand Forecasting models are designed primarily for the purpose of long-term planning and forecasting over 20-30-year horizons.

Member demand for fiscal year 2021 and future demand projections are based on average rainfall years. It is also projected that economic growth will be moderate resulting in gradual population growth and economic development for the Tampa Bay Region.

Long-term Master Water Plan

Tampa Bay Water’s Board of Directors approved the original Master Water Plan in December 1995. The Tampa Bay Water Board of Directors approves projects for implementation that are environmentally sustainable, technically sound, and economically feasible. In November 1998, the Board approved System Configuration I of the Master Water Plan for implementation. This \$680 million program was co-funded by the Southwest Florida Water Management District (District) in the amount of \$183 million and included the addition of surface water and desalinated seawater to the Tampa Bay Water system.

System Configuration II of the Master Water Plan was completed in 2011. This program involved expanding the treatment and pumping capacity of Tampa Bay Water’s Regional Surface Water Treatment system. It is estimated that the Tampa Bay Water Regional System, including the System

Tampa Bay Water – 2021 Annual Budget Financial Plan

Configuration II enhancements, will meet the Member Governments' water supply needs for the next 10 years. The District, the Tampa Bay-area Basin Boards, and the State funded \$122 million of the \$226 million System Configuration II capital costs.

The original Master Water Plan also includes public information and involvement along with a demand management component to reduce anticipated potable demand across the region. Tampa Bay Water worked closely with its member governments to ensure that projected annual average potable demand was reduced by 10 million gallons per day by 2000, and that a total potable demand reduction of 18 mgd was achieved by 2005. Additional reduction of projected demand by 6 mgd due to active potable conservation programs was achieved through 2018, to a total of at least 24 mgd for the region (actual demand reductions can occur through both active and passive savings). The Board also approved the implementation of the regional 2018 Demand Management Plan. The Demand Management Plan identifies potential conservation initiatives of around 11 mgd by 2030 that could further delay the need for new regional supply.

An update to the Long-Term Master Water Plan is conducted every five years. The latest update to the Long-Term Master Water Plan was completed in 2018. The latest update of the Plan identified that:

- Approximately 20 million gallons per day (mgd) of new supplies need to be developed during this planning horizon, and
- Approximately 10 mgd of this 20 mgd will need to be brought online by 2028.

By approving the Long-Term Master Water Plan 2018, the Board directed that the Agency conduct feasibility studies on the top-three ranked projects identified in the Plan and recommended for further study. Those projects are:

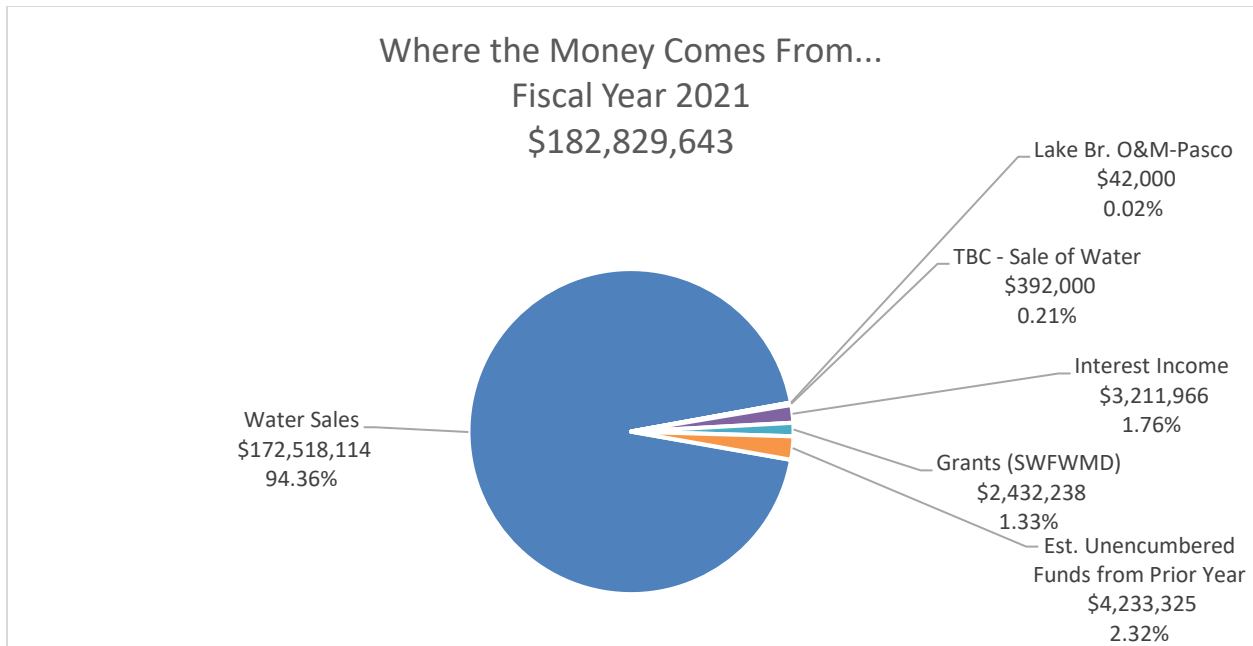
- New Groundwater via Net Benefit from South Hillsborough Aquifer Recharge Project (SHARP)
- Desalination Water Treatment Plant Expansion with Existing Source Water
- Surface Water Treatment Plant Expansion with Existing Source Water

Detailed feasibility evaluations on these projects are underway. Once feasibility studies are complete, the Board will select a project for implementation so that the identified drinking regional water needs will be met by 2028.

Tampa Bay Water – 2021 Annual Budget Financial Plan

Revenues

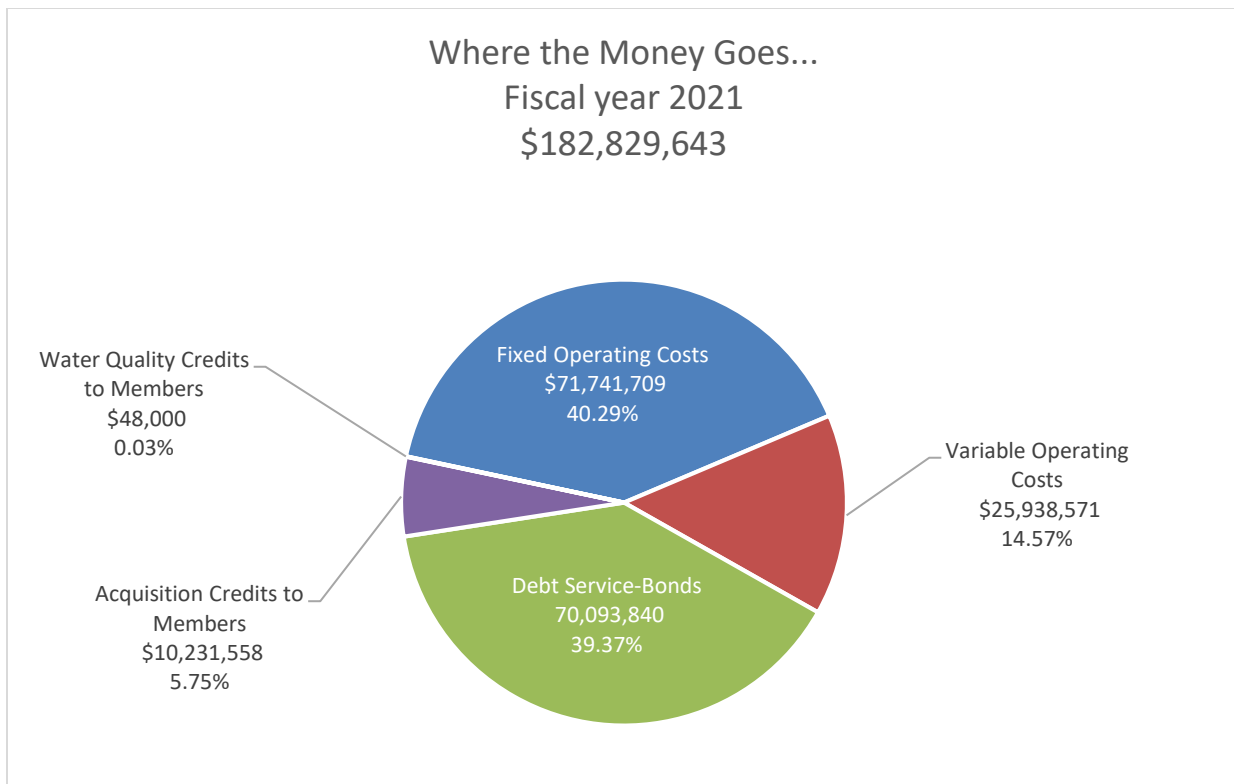
The Agency’s primary revenue source is sale of water to its six-member governments. The Master Water Supply Contract establishes a budget process through which the Agency establishes an annual Uniform Rate which is charged to the Members. A fixed cost component of the rate is established and billed monthly to recover the defined fixed costs of the Agency based on the Members’ pro rata share of production. A variable cost component of the rate is established and billed monthly based on the current month’s production to recover the defined variable operating costs: primarily power, chemicals, and purchased water. Contract terms require that rates collected be sufficient to pay the annual water system operating and maintenance costs, annual debt service, and purchase of operating equipment, net of other available revenue sources. Rates must also be sufficient to fund required reserves and to provide adequate levels of working capital through the Utility Reserve and Operating Reserve Funds.



Tampa Bay Water – 2021 Annual Budget Financial Plan

Expenditures

Expenditure levels are established annually for operating and maintenance costs based on projected water service demands, permit and compliance requirements, and equipment needs. Expenditures are also budgeted to make debt service payments, to satisfy bond covenants and reserve funding requirements, and to fund capital improvement costs not funded by borrowing or grants. Purchasing is conducted in accordance with the Agency's purchasing policies which prescribe procedures to obtain competitive pricing when appropriate.



Balanced Budget

Tampa Bay Water's annual budget is balanced. Our projected revenue covers proposed operating costs and other financial requirements for the ensuing fiscal year.

**Tampa Bay Water – 2021 Annual Budget
Financial Plan**

Sources and Uses of Funds

Actuals 2019 Approved 2020 and Proposed 2021

Enterprise Funds	Actual 2019	Approved 2020	Proposed 2021
Sources of Funds			
Water Sales	\$165,973,331	\$169,332,978	\$172,518,114
Additional Credits/ Surcharges	66,855	42,000	42,000
TBC - Sale of Water	146,980	392,000	392,000
Interest Income	3,804,846	1,893,889	3,211,966
Litigation & Insurance Recoveries	6,476	-	-
Grants (SWFWMD)	52,391		2,432,238
Capital Contributions (FDEP)	460,877		
Miscellaneous Income	460,656	-	-
Subtotal	\$170,972,412	\$171,660,867	\$178,596,318
Transfers In from Rate Stabilization Account	7,039,535	1,600,000	-
Est. Unencumbered Funds from Prior Year (note 1)	4,772,886	4,168,060	4,233,325
Transfer In from Capital Improvement	653,919	-	-
Total Sources	\$183,438,752	\$177,428,927	\$182,829,643
Uses of Funds			
Personnel Services	\$ 18,158,904	\$ 19,264,485	\$ 22,907,250
Materials & Supplies	2,211,837	2,490,060	2,867,044
Professional Services	25,053,882	29,990,768	35,821,099
Repairs & Other Services	5,174,663	5,806,396	5,922,703
Rent & Insurance	1,683,896	2,168,358	2,185,273
Legal Services	359,880	545,000	545,000
Capital Expenditures	2,892,485	1,536,805	1,493,340
Debt Service-Bonds	70,122,276	70,133,315	70,093,840
Acquisition Credit to Member Governments	10,231,558	10,231,558	10,231,558
Water Quality Credit to Member Governments	48,000	48,000	48,000
Water Treatment Chemicals -Variable Cost	8,915,227	12,606,616	12,410,244
Power / Electricity -Variable Cost	10,378,812	13,548,122	13,027,527
Water for Resale -Variable Cost	538,440	502,800	500,800
Subtotal	\$155,769,860	\$168,872,283	\$178,053,678
Transfer Out to Capital Improvement Fund	\$ 5,356,993	\$ 2,200,000	\$ 1,500,000
Transfer Out to Capital Improve Fund (Interest)	-	143,772	275,965
Transfer Out to R&R Fund	5,509,008	4,500,000	3,000,000
Transfer Out to Energy Savings Fund	270,869	-	-
Transfer Out to Operating Reserve	-	112,872	-
Transfer Out to Rate Stabilization Account	17,086,535	-	-
Transfer Out to Member Contribution	-	1,600,000	-
Transfer Out to Utility Reserve	459,081	-	-
Total Uses	\$183,438,752	\$177,428,927	\$182,829,643

Note 1: FOR 2021, ESTIMATED UNENCUMBERED FUNDS FROM PRIOR YEAR ARE ESTIMATED AT 2.5% OF PRIOR YEAR WATER REVENUE FROM WATER SALES. FUNDS TRANSFER THROUGH THE RATE STABILIZATION ACCOUNT AT YEAR END.

**Tampa Bay Water – 2021 Annual Budget
Financial Plan**

**Sources and Uses of Funds
Budget Projections 2022 through 2026**

Enterprise Funds	Budget Projections				
	2022	2023	2024	2025	2026
Sources of Funds					
Water Sales	\$ 176,385,157	\$ 181,163,424	\$ 186,139,031	\$ 190,617,668	\$ 195,103,644
Additional Credits/ Surcharges	42,000	42,000	42,000	42,000	42,000
TBC - Sale of Water	392,000.00	392,000.00	392,000.00	392,000.00	392,000.00
Interest Income	3,088,430	3,000,695	3,025,331	3,073,488	3,175,987
Subtotal	\$ 179,907,587	\$ 184,598,119	\$ 189,598,362	\$ 194,125,157	\$ 198,713,631
Transfers In from Rate Stabilization Account	750,000	3,500,000	2,000,000	-	-
Estimated Unencumbered Funds from Prior Year	4,312,953	4,409,629	4,529,086	4,653,476	4,765,442
Anticipated SWFWMD Grants	1,725,000	1,725,000	1,725,000	1,725,000	1,725,000
Total Sources	\$ 186,695,540	\$ 194,232,748	\$ 197,852,448	\$ 200,503,632	\$ 205,204,073
Uses of Funds					
Personnel Services	\$ 23,823,540	\$ 24,776,482	\$ 25,767,541	\$ 26,798,242	\$ 27,870,172
Materials & Supplies	2,953,055	3,041,647	3,132,896	3,226,883	3,323,690
Professional Services	36,895,732	38,002,604	39,142,682	40,316,963	41,526,471
Repairs & Other Services	6,100,384	6,283,396	6,471,897	6,666,054	6,866,036
Rent & Insurance	2,250,831	2,318,356	2,387,907	2,459,544	2,533,330
Legal Services	561,350	578,191	595,536	613,402	631,804
Capital Expenditures	1,538,140	1,584,284	1,631,813	1,680,767	1,731,190
Debt Service-Bonds	70,459,815	72,715,138	72,150,943	69,292,538	70,353,389
Acquisition Credit to Member Governments	10,231,558	10,231,558	10,231,558	10,231,558	10,231,558
Water Quality Credit to Member Governments	48,000	48,000	48,000	48,000	48,000
Water Treatment Chemicals -Variable Cost	12,825,180	13,554,985	14,342,947	15,015,448	15,661,692
Power / Electricity -Variable Cost	13,365,788	14,288,766	14,913,400	15,823,992	16,391,127
Water for Resale -Variable Cost	515,824	531,298	547,239	563,655	580,564
Subtotal	\$ 181,569,198	\$ 187,954,705	\$ 191,364,358	\$ 192,737,047	\$ 197,749,025
Transfer Out to Capital Improvement Fund (interest)	118,133	-	-	-	-
Transfer Out to Capital Improvement Fund	-	1,000,000	1,250,000	2,500,000	2,250,000
Transfer Out to R&R Fund	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Transfer Out to Operating Reserve	8,209	278,043	238,089	266,585	205,048
Total Uses	\$ 186,695,540	\$ 194,232,748	\$ 197,852,448	\$ 200,503,632	\$ 205,204,073
<p>Note 1: ESTIMATED UNENCUMBERED FUNDS FROM PRIOR YEAR ARE ESTIMATED AT 2.5% OF PRIOR YEAR WATER REVENUE FROM WATER SALES. FUNDS TRANSFER THROUGH THE RATE STABILIZATION ACCOUNT AT YEAR END.</p> <p>Note 2: AN INFLATION RATE RANGE OF 3.3% TO 5.5% IS USED FOR FUTURE COST PROJECTIONS WHERE STAFF BELIEVES THIS IS APPROPRIATE. COST PROJECTIONS ARE ALSO MODIFIED TO INCLUDE FIRST YEAR AND SUBSEQUENT YEAR OPERATING COSTS OF NEW FACILITIES CURRENTLY UNDER CONSTRUCTION. NO OPERATING COST PROVISION IS MADE FOR THOSE PROJECTS WHICH HAVE NOT BEEN SELECTED BY THE BOARD FOR CONSTRUCTION.</p>					

**Tampa Bay Water – 2021 Annual Budget
Financial Plan**

Explanation of Significant Variances

Budget Category	Approved 2020	Proposed 2021	Variance +/-	Explanation of Variance
Personnel Services	\$ 19,264,485	\$ 22,907,250	\$ 3,642,765	1) GASB-68 (FRS) 2) 4% average merit increase 3) 7.5% estimated increase in health insurance premiums
Materials & Supplies	2,490,060	2,867,044	376,984	Increase due to increasing the capitalization limit to > \$5,000
Professional Services	29,990,768	35,821,099	5,830,331	1) Tampa Bay Water's portion of activities related to the Master Water Plan feasibility detail study 2) Exhibit D Water Quality Study 3) Rehabilitation costs for surface water management ERP compliance 4) Business case analysis for contracted operations
Repairs & Other Services	5,806,396	5,922,703	116,307	
Rent & Insurance	2,168,358	2,185,273	16,915	
Legal Services	545,000	545,000	-	
Capital Expenditures	1,536,805	1,493,340	(43,465)	
Total Debt Service-Bonds	70,133,315	70,093,840	(39,475)	
Acquisition Credit to Member Governments	10,231,558	10,231,558	-	
Water Quality Credit to Member Governments	48,000	48,000	-	
Water Treatment Chemicals -Variable Cost	12,606,616	12,410,244	(196,372)	
Power / Electricity -Variable Cost	13,548,122	13,027,527	(520,595)	
Water for Resale -Variable Cost	502,800	500,800	(2,000)	
Total Operating Expenses	168,872,283	178,053,678	9,181,395	

The proposed budget for 2021 increased \$9,181,395 from the approved 2020 budget.

The predominant significant increases in the 2021 proposed budget is in Personnel Services, Materials & Supplies and Professional Services categories.

A decrease in variable costs (Water Treatment Chemicals and Electric) is anticipated due to the more efficient operations at water production facilities.

Tampa Bay Water – 2021 Annual Budget Financial Plan

Capital Improvements Planning and Financing

- **Planning:**

New water supply projects are developed through the long-term water supply planning process, which is performed to ensure that (1) the public has sufficient water supplies to meet its needs in an environmentally sustainable and cost-effective manner, and (2) Tampa Bay Water is in compliance with its obligations under the Amended and Restated Interlocal Agreement. It can take as long as 10 years to plan, permit, design, and build drinking water facilities. Tampa Bay Water develops its Master Water Supply Plans through this long-term planning effort. This process is a multi-step process including determination of need, identification of potential projects, feasibility studies, review and selection by the Board of projects to be studied further through preliminary design, and final selection by the Board of projects to be constructed. Long-term water supply planning is conducted at least every five years. As part of the planning process, demand projections are updated annually to identify the need for and timing of the development of new water sources. It is the Agency's goal to bring new water supplies on-line in a timely manner based on need, but not so far in advance as to unnecessarily burden the cost of water by overbuilding supply capacity.

- **Financing:**

Tampa Bay Water finances its capital improvements program through the issuance of tax-exempt bonds and with funds currently available, pay-as-you-go funding. Bond proceeds are placed in a restricted Construction Fund until disbursed for the intended purpose. Pay-as-you-go funding is from the Uniform Rate, Energy Fund, Capital Improvement Fund and the Renewal and Replacement Fund. The funds are disbursed only for approved purposes. The Agency also seeks and obtains available grant funding for its projects from SWFWMD, the State of Florida and the federal Environmental Protection Agency.

Tampa Bay Water's current Capital Improvement Program is about 55% funded through the issuance of Revenue Bonds and the remaining 45% is with pay-as-you-go funding. The Capital Improvement Fund may be used to fund any Board approved Capital Project. The Energy Fund is used to fund energy saving projects. The Renewal and Replacement Fund can fund projects where major repairs or replacement of specific components are needed to maintain the service level of the system. The Uniform Rate generally funds projects that improve existing facilities. Uniform Rate projects are considered routine and may include technological upgrades and facility remodeling/renovations.

Capital Improvement Program Definition

A capital project is defined as planned activities that result in

- a new capital asset or improvements to an existing asset.
- major renovations or expansions that extend an existing asset's useful life and/or result in a significant improvement in its functionality or capacity.

Capital projects are recorded in Tampa Bay Water's financial records in accordance with generally accepted accounting principles and applicable Florida State statutes. Approved projects can include projects constructed for the benefit of member governments or other government agencies. If Tampa Bay Water does not retain ownership of the completed project, it is accounted for as a contribution to the respective entity.

Tampa Bay Water – 2021 Annual Budget Financial Plan

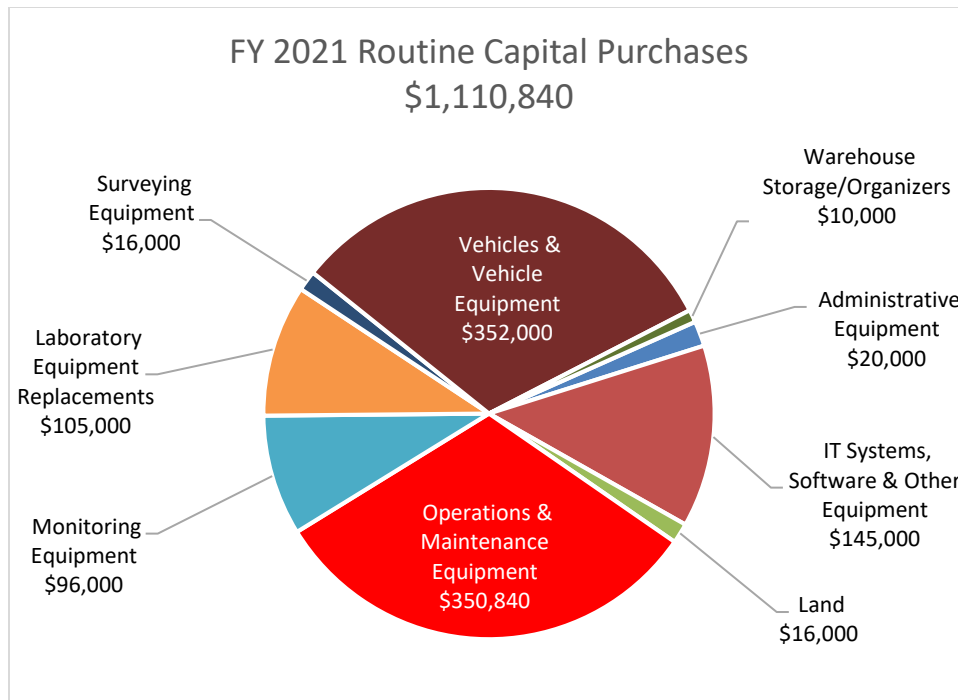
Routine Capital Purchases

It is Tampa Bay Water’s policy to capitalize property and equipment having an original cost greater than \$5,000 and an estimated useful life longer than one year. Property and equipment routinely capitalized includes land, buildings and their structural components, vehicles, machinery, electronic and communication equipment, tools, office equipment, and furniture.

The 2021 proposed budget includes \$1,493,340 for Capital Purchases of which \$1,110,840 is considered routine capital purchases.

Tampa Bay Water budgets for routine capital equipment and real property purchases through the Uniform Rate.

The following chart summarizes routine capital purchases budgeted for fiscal year 2021.

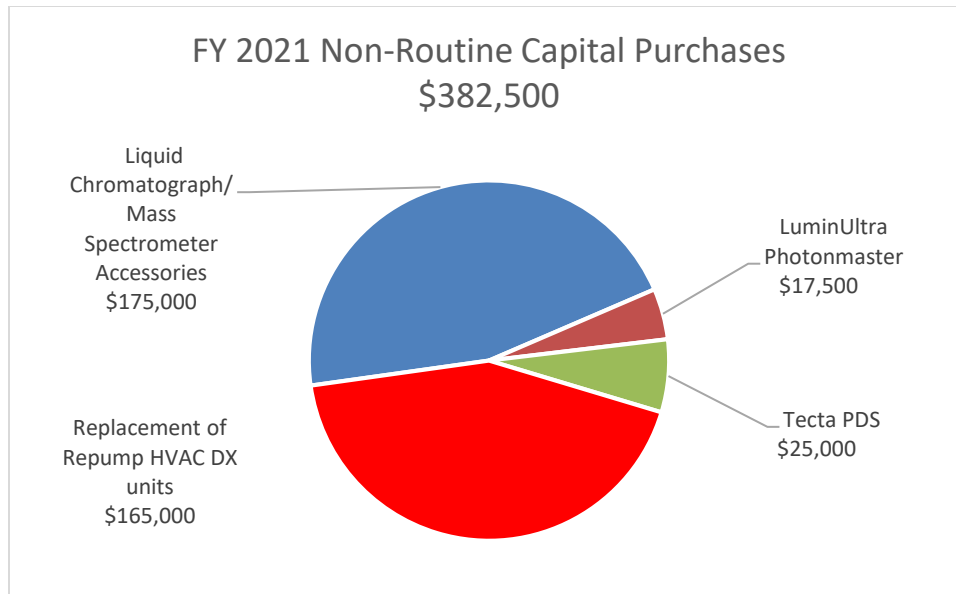


Tampa Bay Water – 2021 Annual Budget Financial Plan

Non-Routine Capital Purchases

The 2021 proposed budget includes funding for non-routine capital purchases through the Uniform Rate.

The following chart summarizes non-routine capital purchases budgeted for fiscal year 2021.



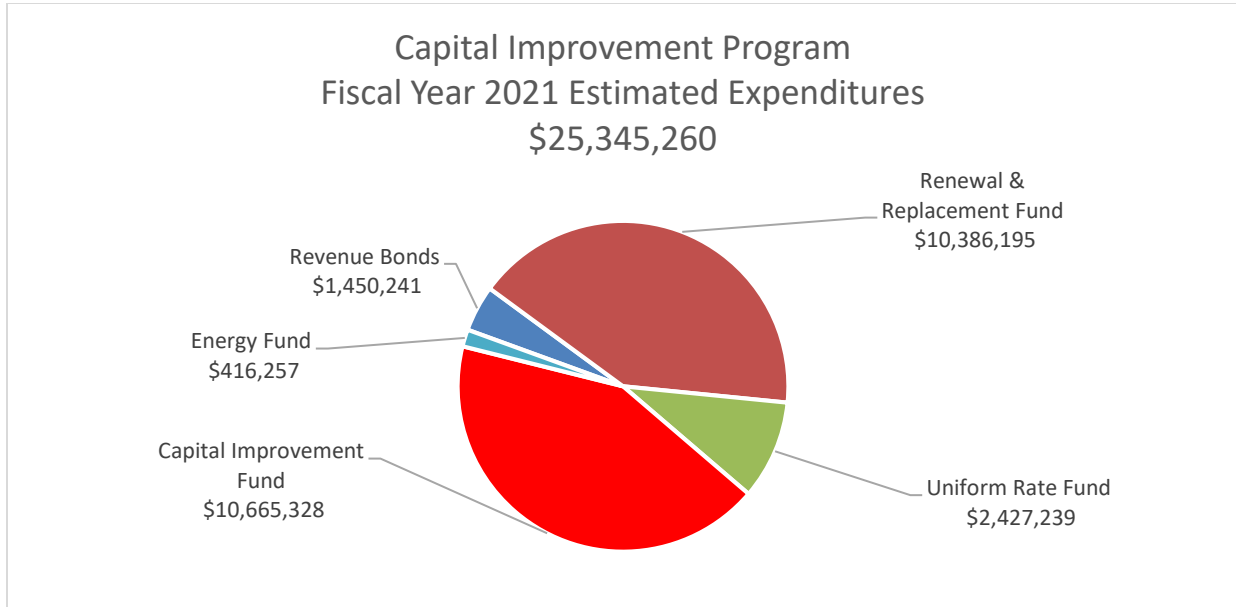
The proposed budget includes three pieces of equipment requested by the Laboratory department. A LuminUltra Photonmaster, test kits and accessories to detect ATP for determination of nitrifying bacteria in transmission and distribution systems using chloramine. A Tecta PDS - bench top device for fully automated Coliform analyses; provides immediate notification and early warning of positive results within two hours. Also, accessories for a High-Performance Liquid Chromatograph/Mass Spectrometer (HPLC/MS) for analysis of contaminants of emerging concern.

The Facilities Support department continues replacing HVAC units that are reaching the end of their useful life (15 years-old). Additionally, age and inability to repair units using R-22 refrigerant are causing a large increase in HVAC costs across the agency since they cannot be repaired, only replaced with units using R-410 refrigerant. As of January 1, 2020, all R-22 refrigerant importation, and manufacturing was banned in the USA. Most of the Agency's HVAC systems installed before 2010 use R-22 refrigerant.

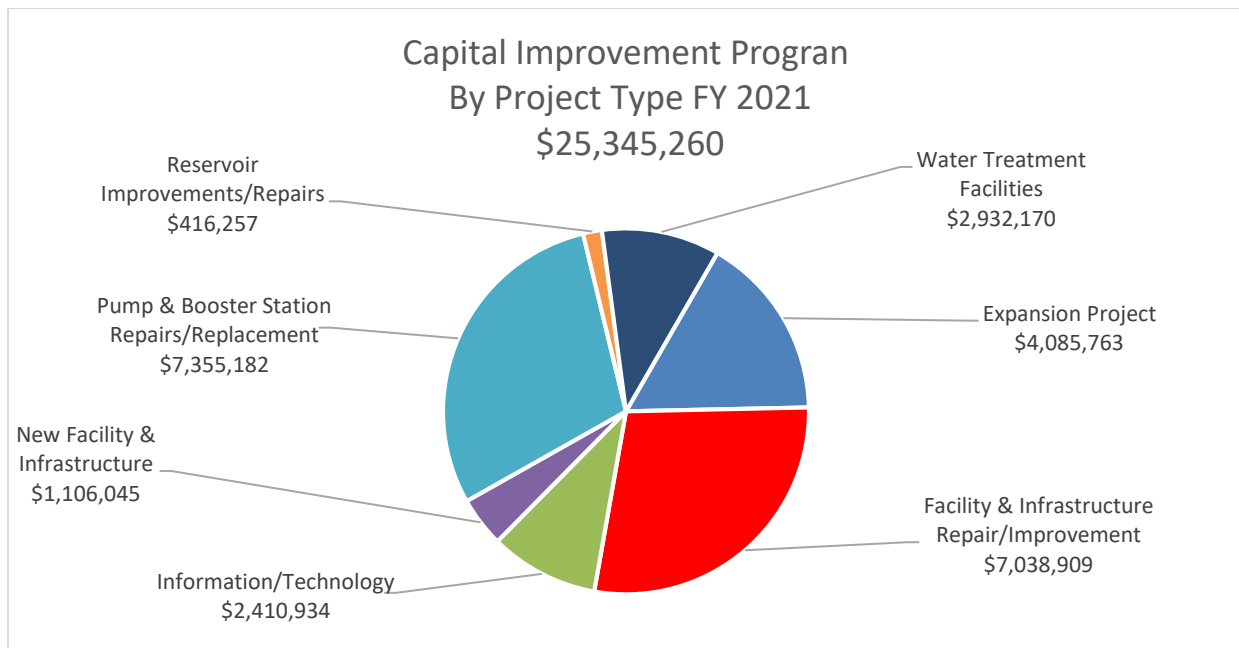
**Tampa Bay Water – 2021 Annual Budget
Financial Plan**

Capital Improvement Program Expenditures Fiscal Year 2021

The following chart summarizes the Capital Improvement Program estimated expenditures for fiscal year 2021 by funding source.



The following chart summarizes the Capital Improvement Program estimated expenditures for fiscal year 2021 by project type.



Annual Rate Setting & Member Costs

Fiscal Year 2021

The Annual Rate Setting and Member Costs section provides summarized information and schedules including current and projected rates and Member costs. Charts and graphs are provided that depict the components of the budget and the rate impacts. Separate charts and schedules are provided for each Member Government to assist them in the planning and coordination of their budgets and financial obligations associated with Tampa Bay Water's contracts.

Tampa Bay Water – 2021 Annual Budget Annual Rate Setting and Member Costs

This section presents a summary of the budgeted components which make up the approved Uniform Rate and the manner in which each Member will be invoiced for water purchased in 2021.

Overview

The “Uniform Rate” is the uniform dollars per 1,000 gallons wholesale rate charged to the Member Governments for the supply of water through a Fixed Cost and Variable Cost component. The Uniform Rate is based upon the annual estimate and the projected quantity of water expected to be delivered to customers. The only exception to the Uniform Rate for water supply is the rate charged to the City of Tampa for water supplied from the Tampa Bypass Canal. The annual True-up required by the Master Water Supply Contract provides for a year end adjustment in the Fixed Costs component of bills paid during the fiscal year. Each member’s pro-rata share of the Annual Estimate of Fixed Costs in effect during the fiscal year is adjusted based on the actual quantity of Quality Water delivered. Any adjustments are payable within sixty days of determination.

The Amended and Restated Interlocal Agreement includes provisions for two credits which are currently being applied against charges to Member Governments for water service. The annual credit for the debt service amortization for Tampa Bay Water’s purchase of the Members’ water supply facilities is the most significant credit. This credit is applied to the Member Governments’ water bills. The credit is reflected in the budget as an annual debt service cost and is also reflected as a credit against the member’s cost to purchase water. The annual debt service/credit is computed on a 30-year amortization of the net purchase price, compounded semiannually at 4.865%, ending in Fiscal Year 2028. The aggregate annual debt service cost/credit is \$10,231,558. Additional annual credits consist of a credit for the actual direct costs of water treatment. In the event water delivered to Member Governments does not meet specifications for quality water in relation to hydrogen sulfide removal, a credit for hydrogen sulfide treatment is applied. Hydrogen sulfide was and remains an issue for the existing groundwater system, but not for the new supply sources. The water quality credit for hydrogen sulfide treatment affects the City of New Port Richey, and Hillsborough County. The total annual Water Quality credit for hydrogen sulfide for fiscal year 2021 is \$48,000.

The primary source of revenue to Tampa Bay Water is the sale of quality water to our members. The projected revenue requirements must cover operation and maintenance expenses, debt service payments, bond coverage, renewal and replacement expenditures, required deposits to reserves, and capital expenditures. Water sales for fiscal year 2021 are budgeted at \$172,518,114. Interest income available for operations is estimated at \$3,211,966 and grants are estimated at \$2,432,238. It is estimated that \$4,233,325 of unencumbered funds from fiscal year 2020 will be transferred through the Rate Stabilization account for use in fiscal year 2021. The Tampa Bypass Canal sale of water is estimated at \$392,000 and represents the estimated billing to the City of Tampa for its water needs at the Tampa Bypass Canal facility at a rate of \$0.195 per 1,000 gallons for fiscal year 2021.

Tampa Bay Water – 2021 Annual Budget Annual Rate Setting and Member Costs

Rate Setting

Pursuant to the Master Water Supply Contract, Tampa Bay Water establishes an Annual Estimate based on Tampa Bay Water's budget for the ensuing fiscal year, which sets forth the expected cost of providing water service to Member Governments. Tampa Bay Water is required to develop the Rate (\$/1,000 gallons), based on the Annual Estimate and the projected quantity of Quality Water to be delivered to Member Governments during the ensuing fiscal year. In accordance with the provisions of the Interlocal Agreement, a separate rate, based on actual costs incurred and allocated overhead, is charged to the City of Tampa for water supplied from the Tampa Bypass Canal.

The Uniform Rate to be charged in a fiscal year to the Member Governments for water service may include the following components:

Operation, Maintenance and Administrative Costs – These costs are the costs of operating, maintaining and administering the system in such fiscal year.

Debt Service Charges – Debt Service Charges relating to any of Tampa Bay Water's Obligations are based on principle, redemption premium, if any, and interest coming due on debt in the fiscal year.

Renewal and Replacement Fund – Tampa Bay Water is required to maintain an amount equal to five (5) percent of the prior fiscal year's Gross Revenues or such other amount as is certified by the Consulting Engineer. These funds are available to be used for repair and replacement of the System.

Capital Improvement Charges – These charges are based on the amount identified for capital improvement charges in Tampa Bay Water's Annual Estimate for the fiscal year.

Operating Reserve Funds – These funds are provided in the annual budget to maintain a reserve balance equal to two times the monthly average variable costs as provided in the budget.

Rate Stabilization Fund – Operation, Maintenance and Administrative Costs may be utilized to fund a rate stabilization fund.

The Uniform Rate calculation is based on the total Net Revenue Requirement and the projected amount of Quality Water, in millions of gallons per day, to be delivered to the Member Governments, for the fiscal year for which the rate is being established. The Net Annual Revenue Requirement for the fiscal year selected (also referred to as Annual Estimate for purposes of rate computation) is calculated by making the necessary adjustments to the annual budget requirement. Such adjustments include, but are not limited to, estimated interest income, budgeted transfers from various funds (i.e., Rate Stabilization Account, Operating Reserve Fund, etc.), capitalized interest available for debt service, potential funding assistance from SWFWMD/EPA, and estimated revenues from the sale of surface water to the City of Tampa.

**Tampa Bay Water – 2021 Annual Budget
Annual Rate Setting and Member Costs**

Uniform Rate Elements

The Uniform Rate consists of two components: a Fixed Cost component and a Variable Cost component. The Fixed Cost component is designed to recover annual costs and expenses associated with the operation, maintenance, management, security, development and financing of the System, other than those included as part of the Variable Cost component. The Variable Cost component is designed to recover costs and expenses for the operation, maintenance and management of the System that change in direct proportion to changes in the volume of Quality Water produced by Tampa Bay Water.

Fixed Costs

For the purposes of the Uniform Rate calculation, the Fixed Costs for the fiscal year are defined as the Net Annual Revenue Requirement less the Budgeted Variable Costs. Each Member Government is required to pay monthly an amount equal to one-twelfth of the Fixed Costs allocated to each Member Government based on that Member Government's share of the total Quality Water delivered to all Member Governments during the prior fiscal year

$$\text{Fixed Costs} = \text{Net Annual Revenue Requirement} - \text{Budgeted Variable Costs}$$

Variable Costs

Pursuant to the Master Water Supply Agreement, Tampa Bay Water is required to establish a variable rate to cover costs associated primarily with power, chemicals and water purchases. The variable rate (\$/1,000 gallons) is defined as the ratio of the total budgeted Variable Costs to the total Net Annual Revenue Requirement, applied to the Uniform Rate. Each Member Government is required to pay monthly an amount equal to the amount of Quality Water consumed by the Member Government during the prior month times the variable rate.

$$\text{Variable Rate} = (\text{Budgeted Variable Costs} / \text{Net Annual Revenue Req.}) \times \text{Uniform Rate}$$

**Tampa Bay Water – 2021 Annual Budget
Annual Rate Setting and Member Costs**

Rate for City of Tampa from Tampa Bypass Canal

Pursuant to Section 3.08(D) of the Interlocal Agreement, the rate charged for water delivered to the City of Tampa from the Tampa Bypass Canal (TBC) facility should be equal to Tampa Bay Water’s direct cost of operating the TBC and allocated overhead. As part of its annual budget development process, Tampa Bay Water prepares an estimate of direct cost and allocated overhead associated with the Tampa Bypass Canal facility using the projected quantity of water to be delivered to the City of Tampa from the facility during the ensuing fiscal year.

TBC Rate = (Allocated Overhead + Direct Costs) ÷ Qty. of Surface Water (to be delivered)

The unit rate for delivery of water to the City of Tampa from the Tampa Bypass Canal facility is presented to the Board for approval as part of the annual budget approval process for the ensuing fiscal year. The proposed rate for 2021 is \$.195 (\$/1,000 gallons).

	Allocated Overhead	Direct Costs	Estimated MGD
\$0.195 per 1000 gal	= (433,790	+ 250,328)	÷ (9.6 mgd x 365 x 1000)

Other Budget Factors

- For fiscal year 2021, \$3,211,966, has been estimated for interest income. Interest income will be applied to offset projected expenditures, to the extent permitted.
- The fund balance in the Operating Reserve will be equal to two times the monthly average variable costs as provided in the budget. A transfer of \$119,828 into the Rate Stabilization account, from the Operating Reserve account will occur on 10/1/2020.
- Acquired Member facilities are included in this budget as Tampa Bay Water owned supply systems and are being paid for through debt issuance and credits back to Members.
- Water quality standards are established, and costs are budgeted to sustain the standards. Water Quality Credits related to hydrogen sulfide removal for fiscal year 2021 have been established and will be credited to Hillsborough County, and New Port Richey.

**Tampa Bay Water – 2021 Annual Budget
Annual Rate Setting and Member Costs**

Uniform Water Rates

Cost Category	Proposed	Budget Projections				
	2021	2022	2023	2024	2025	2026
Fixed Operating Costs (note 1)	\$ 71,741,709	\$ 74,123,033	\$ 76,584,959	\$ 79,130,273	\$ 81,761,856	\$ 84,482,694
Variable Operating Costs	25,938,571	26,706,792	28,375,050	29,803,585	31,403,095	32,633,384
Debt Service - Bonds (note 2)	70,093,840	70,459,815	72,715,138	72,150,943	69,292,538	70,353,389
Debt Service - Acquisition Credits to Members	10,231,558	10,231,558	10,231,558	10,231,558	10,231,558	10,231,558
Water Quality Credits to Members	48,000	48,000	48,000	48,000	48,000	48,000
Total Costs	\$ 178,053,678	\$ 181,569,197	\$ 187,954,704	\$ 191,364,358	\$ 192,737,047	\$ 197,749,025
Adjustments						
Less : Estimated Unencumbered Funds from Prior Years (note 3)	(4,233,325)	(4,312,953)	(4,409,629)	(4,529,086)	(4,653,476)	(4,765,442)
Less : Estimated Credits/ Surcharges	(42,000)	(42,000)	(42,000)	(42,000)	(42,000)	(42,000)
Less : Estimated Revenues from TBC	(392,000)	(392,000)	(392,000)	(392,000)	(392,000)	(392,000)
Less : Est. Interest Earned (Includes Capital Imp. Fund)	(3,211,966)	(3,088,430)	(3,000,695)	(3,025,331)	(3,073,488)	(3,175,987)
Less : Transfer In from Rate Stabilization Account (note 4)	-	(750,000)	(3,500,000)	(2,000,000)	-	-
Less : SWFWMD Grant	(2,432,238)	(1,725,000)	(1,725,000)	(1,725,000)	(1,725,000)	(1,725,000)
Plus : Transfer Out to Capital Improvement Fund (Interest)	275,965	118,133	-	-	-	-
Plus : Transfer Out to Capital Improvement Fund	1,500,000	-	1,000,000	1,250,000	2,500,000	2,250,000
Plus : Transfer Out to R&R Fund	3,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Plus : Transfer Out to Operating Revenue	-	8,209	278,043	238,089	266,585	205,048
Plus : Transfer Out to Rate Stabilization Account	-	-	-	-	-	-
Subtotal	(5,535,564)	(5,184,040)	(6,791,281)	(5,225,328)	(2,119,379)	(2,645,381)
Total Net Revenues Required	\$ 172,518,114	\$ 176,385,157	\$ 181,163,423	\$ 186,139,031	\$ 190,617,668	\$ 195,103,644
Projected Water Demand (mgd) - (Note 5)	184.70	187.00	190.30	193.50	196.30	198.90
Projected Uniform Water Rate (\$/1000 gal.)	\$ 2.5590	\$ 2.5842	\$ 2.6082	\$ 2.6355	\$ 2.6604	\$ 2.6874

Note 1: AN INFLATION RATE OF 3.3% IS USED FOR FUTURE COST PROJECTIONS WHERE STAFF BELIEVES THIS IS APPROPRIATE. COST PROJECTIONS ARE ALSO MODIFIED TO INCLUDE FIRST YEAR AND SUBSEQUENT YEAR OPERATING COSTS OF NEW FACILITIES CURRENTLY UNDER CONSTRUCTION. NO OPERATING COST PROVISION IS MADE FOR THOSE PROJECTS WHICH HAVE NOT BEEN SELECTED BY THE BOARD FOR CONSTRUCTION.

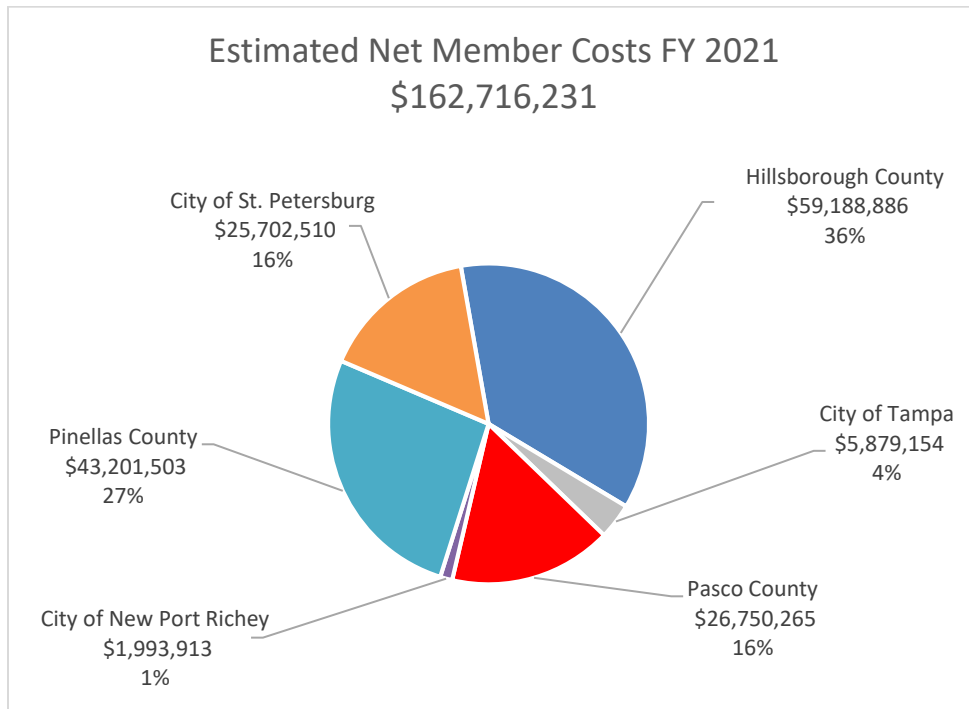
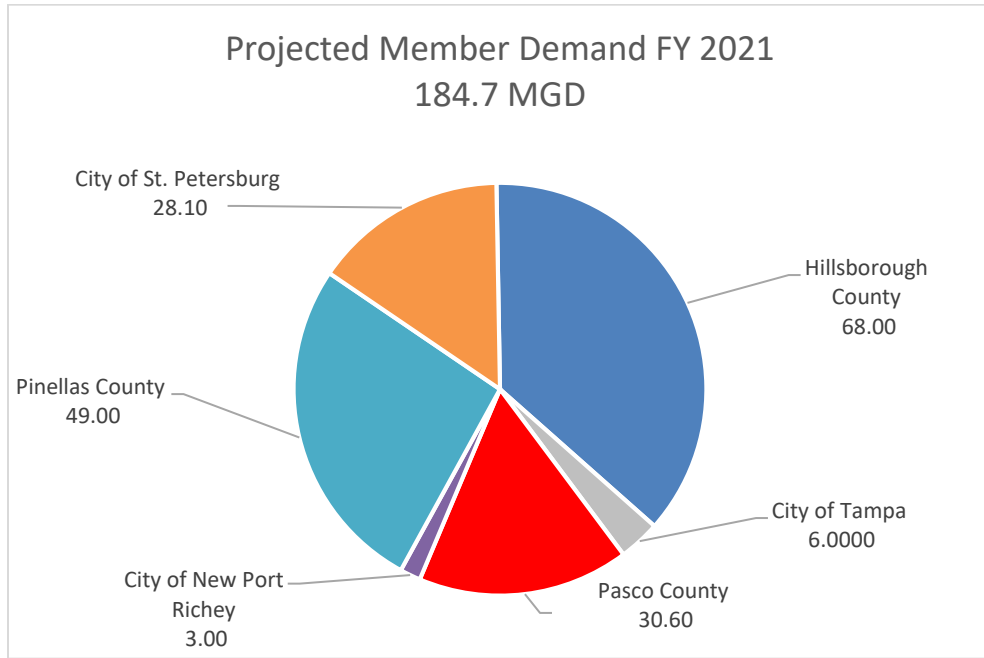
Note 2: DEBT SERVICE FOR FY 2023 - 2026 INCLUDES \$2.43M FOR \$40.5M DEBT ISSUANCE IN FY 2023

Note 3: FOR FY 2021 ESTIMATED UNENCUMBERED FUNDS FROM PRIOR YEAR ARE ESTIMATED AT 2.5% OF PRIOR YEAR WATER REVENUE FROM WATER SALES. FUNDS TRANSFER THROUGH THE RATE STABILIZATION ACCOUNT AT YEAR END.

Note 4: ASSUMES EXCESS REVENUE OF \$1,000,000 ANNUALLY TO BE DEPOSITED INTO RATE STABILIZATION, MAINTAINING A BALANCE ABOVE THE MINIMUM 10%

Note 5- PROJECTED WATER DEMAND IS BASED ON INFORMATION OBTAINED FROM THE TAMPA BAY WATER DEMAND FORECASTING MODEL

**Tampa Bay Water – 2021 Annual Budget
Annual Rate Setting and Member Costs**



**Tampa Bay Water – 2021 Annual Budget
Annual Rate Setting and Member Costs**

Estimated Member Cost Fiscal Year 2021

Hillsborough County		
Total Water Demand (mgd) through September 30, 2020		180.80
Hillsborough County Est. Water Demand (mgd) through September 30, 2020		62.80
Percentage of FY 2020 Water Demand/ Total Water Demand (Applied to FY 2021 Fixed Costs)		34.73%
Variable Rate is Based on Percentage of Projected FY 2021 Water Demand (mgd)		68.00
	Annual Billing	Monthly Billing
Fixed Cost Summary	\$ 50,913,690.72	\$ 4,242,807.56
Variable Rate (\$/ 1000 gallons) = \$0.3848	9,549,663.39	795,805.28
Additional Credits/ Surcharges	-	-
Sale of Surface Water (TBC)	-	-
Water Quality Credits FY 2021	(36,000.00)	(3,000.00)
Annual Facilities Acquisition Credits	(1,238,467.88)	(103,205.66)
TOTAL	\$ 59,188,886.23	\$ 4,932,407.20

**Tampa Bay Water – 2021 Annual Budget
Annual Rate Setting and Member Costs**

Estimated Member Cost Fiscal Year 2021

City of Tampa		
Total Water Demand (mgd) through September 30, 2020		180.80
City of Tampa Est. Water Demand (mgd) through September 30, 2020		6.0000
Percentage of FY 2020 Water Demand/ Total Water Demand (Applied to FY 2021 Fixed Costs)		3.32%
Variable Rate is Based on Percentage of Projected FY 2021 Water Demand (mgd)		6.00
	Annual Billing	Monthly Billing
Fixed Cost Summary	\$ 4,864,365.36	\$ 405,363.78
Variable Rate (\$/ 1000 gallons) = \$0.3848	842,617.36	70,218.11
Additional Credits/ Surcharges	-	-
Sale of Surface Water (TBC)	392,000.00	32,666.67
Water Quality Credits FY 2021	-	-
Annual Facilities Acquisition Credits	(219,828.35)	(18,319.03)
TOTAL	\$ 5,879,154.37	\$ 489,929.53

**Tampa Bay Water – 2021 Annual Budget
Annual Rate Setting and Member Costs**

Estimated Member Costs Fiscal Year 2021

Pasco County		
Total Water Demand (mgd) through September 30, 2020		180.80
Pasco County Est. Water Demand (mgd) through September 30, 2020		29.90
Percentage of FY 2020 Water Demand/ Total Water Demand (Applied to FY 2021 Fixed Costs)		16.57%
Variable Rate is Based on Percentage of Projected FY 2021 Water Demand (mgd)		30.60
	Annual Billing	Monthly Billing
Fixed Cost Summary	\$ 24,284,428.84	\$ 2,023,702.40
Variable Rate (\$/ 1000 gallons) = \$0.3848	4,297,348.53	358,112.38
Additional Credits/ Surcharges	42,000.00	3,500.00
Sale of Surface Water (TBC)	-	-
Water Quality Credits FY 2021	-	-
Annual Facilities Acquisition Credits	(1,873,512.61)	(156,126.06)
TOTAL	\$ 26,750,264.76	\$ 2,229,188.72

**Tampa Bay Water – 2021 Annual Budget
Annual Rate Setting and Member Costs**

Estimated Member Costs Fiscal Year 2021

City of New Port Richey		
Total Water Demand (mgd) through September 30, 2020		180.80
City of New Port Richey Est. Water Demand (mgd) through September 30, 2020		3.00
Percentage of FY 2020 Water Demand/ Total Water Demand (Applied to FY 2021 Fixed Costs)		1.66%
Variable Rate is Based on Percentage of Projected FY 2021 Water Demand (mgd)		3.00
	Annual Billing	Monthly Billing
Fixed Cost Summary	\$ 2,432,182.68	\$ 202,681.89
Variable Rate (\$/ 1000 gallons) = \$0.3848	421,308.68	35,109.06
Additional Credits/ Surcharges	-	-
Sale of Surface Water (TBC)	-	-
Water Quality Credits FY 2021	(12,000.00)	(1,000.00)
Annual Facilities Acquisition Credits	(847,578.83)	(70,631.57)
TOTAL	\$ 1,993,912.53	\$ 166,159.38

**Tampa Bay Water – 2021 Annual Budget
Annual Rate Setting and Member Costs**

Estimated Member Costs Fiscal Year 2021

Pinellas County		
Total Water Demand (mgd) through September 30, 2020		180.80
Pinellas County Est. Water Demand (mgd) through September 30, 2020		50.20
Percentage of FY 2020 Water Demand/ Total Water Demand (Applied to FY 2021 Fixed Costs)		27.77%
Variable Rate is Based on Percentage of Projected FY 2021 Water Demand (mgd)		49.00
	Annual Billing	Monthly Billing
Fixed Cost Summary	\$ 40,698,523.48	\$ 3,391,543.62
Variable Rate (\$/ 1000 gallons) = \$0.3848	6,881,375.09	573,447.92
Additional Credits/ Surcharges	-	-
Sale of Surface Water (TBC)	-	-
Water Quality Credits FY 2021	-	-
Annual Facilities Acquisition Credits	(4,378,395.83)	(364,866.32)
TOTAL	\$ 43,201,502.74	\$ 3,600,125.22

**Tampa Bay Water – 2021 Annual Budget
Annual Rate Setting and Member Costs**

Estimated Member Costs Fiscal Year 2021

City of St. Petersburg		
Total Water Demand (mgd) through September 30, 2020		180.80
City of St. Petersburg Est. Water Demand (mgd) through September 30, 2020		28.90
Percentage of FY 2020 Water Demand/ Total Water Demand (Applied to FY 2021 Fixed Costs)		15.98%
Variable Rate is Based on Percentage of Projected FY 2021 Water Demand (mgd)		28.10
	Annual Billing	Monthly Billing
Fixed Cost Summary	\$ 23,430,026.46	\$ 1,952,502.21
Variable Rate (\$/ 1000 gallons) = \$0.3848	3,946,257.96	328,854.83
Additional Credits/ Surcharges	-	-
Sale of Surface Water (TBC)	-	-
Water Quality Credits FY 2021	-	-
Annual Facilities Acquisition Credits	(1,673,774.05)	(139,481.17)
TOTAL	\$ 25,702,510.37	\$ 2,141,875.87

Debt Service

Fiscal Year 2021`

The Debt Service section provides a listing of the outstanding debt of the Agency, the Agency's bond ratings, and the details of the debt requirements shown in the Financial Plan section. The section also provides information on debt coverage requirements and future Debt Service.

**Tampa Bay Water – 2021 Annual Budget
Debt Service**

Bonds

At the time of its reorganization in 1998, Tampa Bay Water issued the 1998A Bonds to refund all existing debt. In addition, the 1998B Bonds were issued to finance the cash component of the purchase of the members’ wellfields. Of those proceeds, \$71.8 million, \$92.4 million, \$31.7 million and \$3 million were paid to Pinellas County, City of St. Petersburg, City of Tampa and Pasco County, respectively. To address the increasing need to develop new water supplies, Tampa Bay Water and its member governments worked collectively to develop a Capital Improvement Program that would identify and develop new water sources capable of producing 111 million gallons per day (mgd) by December 31, 2007. With the development of the Capital Improvement Program came the necessity to incur debt as a means of financing the Board approved program. Accordingly, Tampa Bay Water adopted a long-term plan to accomplish the financing of the Capital Improvement Program. In furtherance of this plan, Tampa Bay Water has issued its revenue bonds Series 1999, 2001B, 2002, 2008 and 2013. Additional funds for the Capital Improvement Program were obtained from the Series 2001A, 2005, and 2006 refunding bond issues. Series 2004, 2010, 2011, 2011A, 2011B, 2015A, 2015B, 2016A, 2016B and 2016C were only refunding bonds.

The Series 2015A, 2015B, 2016A, 2016B and 2016C bond issues were focused on providing savings to the Agency by advanced refunding all or a portion of the Series 2006, 2008 and 2010 bonds. Plus refunding the medium-term notes associated with the 2011A and 2011B bonds.

It is anticipated that Tampa Bay Water will refinance the Series 2010 Bonds before the end of Fiscal Year 2020.

Tampa Bay Water’s outstanding bonds will consist of the following:

Original Issue		Projected Balance Outstanding 10/1/2020	All-In True Interest Cost	Final Maturity	Purpose
309,370,000	Refunding Revenue Bonds, Series 2001 A	50,000,000	5.13%	2029	Partial defeasance of 1999 Bonds
174,965,000	Refunding Revenue Bonds, Series 2005	117,960,000	3.99%	2024	Partial defeasance of 1998 A, 1998 B and 2001 B Bonds; Fund Capital Improvement Program
104,645,000	Refunding Revenue Bonds, Series 2011	25,205,000	3.38%	2021	Partial defeasance of 2001A Bonds
140,645,000	Refunding Revenue Bonds, Series 2011A	46,140,000	5.93%	2024	Partial defeasance of 2001A Bonds; terminate 2007 Swaptions
75,295,000	Revenue Bonds, Series 2013	75,295,000	3.88%	2023	Fund Capital Improvement Program
180,835,000	Refunding Revenue Bonds, Series 2015A	180,835,000	3.07%	2036	Partial defeasance of 2006 Bonds; partial defeasance of 2011A and 2011B Bonds
95,975,000	Refunding Revenue Bonds, Series 2015B	92,245,000	3.07%	2036	Partial defeasance of 2011A and 2011B Bonds
96,630,000	Refunding Revenue Bonds, Series 2016A	96,630,000	3.52%	2038	Defeasance of 2008 Bonds
32,785,000	Refunding Revenue Bonds, Series 2016B	31,890,000	3.54%	2031	Partial defeasance of 2011B Bonds
55,345,000	Refunding Revenue Bonds, Series 2016C	55,345,000	2.12%	2027	Partial defeasance of 2010 Bonds
6,709,000	Refunding Revenue Master Bond	6,709,000	3.08%	2025	Defeasance of 2010 Bonds
		778,254,000			

**Tampa Bay Water – 2021 Annual Budget
Debt Service**

Rate Covenant

The Bond Resolution requires Tampa Bay Water to take all actions to collect Net Revenues in each fiscal year so that, together with Fund Balance, they equal at least 125% of the Annual Debt Service coming due in such fiscal year. Such Net Revenues must also be adequate in each fiscal year to pay at least 100% of:

- A. The Annual Debt Service coming due in such fiscal year;
- B. Any amounts required by the terms of the Bond Resolution to be deposited in the Reserve Account or with any issuer of a Reserve Account Letter of Credit or Reserve Account Insurance Policy;
- C. Any amounts required to be deposited in the Renewal and Replacement Fund in such fiscal year; and
- D. Any amounts required to be repaid to the Capital Improvement Fund in such fiscal year.

For the purposes of the Rate Covenant compliance calculations, the Total Debt Service is calculated, in accordance with the Bond Resolution, net of any Capitalized Interest and release of Debt Service Reserve. The Finance and Administration Division is responsible for making sure that the Uniform Rate adopted for any fiscal year complies with the Rate Covenants.

For the purposes of calculating the Rate Coverage test, Debt Coverage test and the Renewal and Replacement Fund (R&R) coverage requirements, the Net Revenues are determined as shown below.

Net Revenues = (Gross Revenues – Operating Expenses)

Rate Coverage Test:

Rate Coverage Test =	Net Revenues + Utility Reserve Fund Balance
	Total Debt Service

The minimum requirement for the Rate Coverage Test is 125% (i.e., the sum of Net Revenues and the Utility Reserve Fund Balance, at the end of the previous fiscal year, shall be greater than or equal to 125% of the total Debt Service due for the Fiscal Year).

Debt Coverage Test:

Debt Coverage Test =	Net Revenues
	(Total Debt Service + Annual Contribution to Capital Improvement Fund + Annual Contribution to R&R Fund)

The minimum requirement for the Debt Coverage Test is 100% (i.e., the Net Revenues shall be equal to or greater than the sum of Total Debt Service + Annual Contribution to the Capital Improvement Fund + Annual Contribution to the Renewal and Replacement Fund for the fiscal year).

**Tampa Bay Water – 2021 Annual Budget
Debt Service**

Facility Acquisition Credits

In 1998, pursuant to the Interlocal Agreement, the Member Governments sold certain wellfield and transmission facilities to Tampa Bay Water. A portion of the purchase price is being paid in the form of “Facility Acquisition Credits” payable over 30 years. The credits are applied to the Members’ monthly bills.

Facility Acquisition Credits	Projected Balance Outstanding 10/1/20	Projected Balance Outstanding 9/30/21
Pasco County	\$12,094,240	\$10,829,067
City of New Port Richey	5,471,445	4,899,080
Hillsborough County	7,994,783	7,158,453
City of St. Petersburg	10,804,851	9,674,561
Pinellas County	28,264,217	25,307,512
City of Tampa	1,419,076	1,270,627
	\$ 66,048,612	\$ 59,139,300

<u>Summary of 2021 Debt Service</u>			
<u>Bonds</u>	Principal	Interest	Total
Refunding Revenue Bond, Series 2001 A		\$3,000,000	3,000,000
Refunding Revenue Bond, Series 2005	22,290,000	5,325,100	27,615,100
Refunding Revenue Bond, Series 2011	12,915,000	645,750	13,560,750
Refunding Revenue Bond, Series 2011 A	40,000	1,732,268	1,772,268
Revenue Bond, Series, 2013		3,619,550	3,619,550
Refunding Revenue Bond, Series 2015 A		7,611,150	7,611,150
Refunding Revenue Bond, Series 2015 B	890,000	2,763,410	3,653,410
Refunding Revenue Bond, Series 2016 A		4,356,688	4,356,688
Refunding Revenue Bond, Series 2016 B	245,000	1,090,951	1,335,951
Refunding Revenue Bond, Series 2016 C		2,767,250	2,767,250
Refunding Revenue Bond, Series 2020	396,000	405,724	801,724
DEBT SERVICE BONDS	\$36,776,000	\$33,317,840	\$70,093,840
<u>Facility Acquisition Credits</u>	Principal	Interest	Total
Pasco County	1,265,172	608,340	1,873,513
City of New Port Richey	572,365	275,214	847,579
Hillsborough County	836,330	402,138	1,238,468
City of St. Petersburg	1,130,290	543,484	1,673,774
Pinellas County	2,956,706	1,421,690	4,378,396
City of Tampa	148,449	71,380	219,828
DEBT SVC. FACILITY ACQUISITION CREDITS	\$6,909,312	\$3,322,245	\$10,231,558
TOTAL DEBT SERVICE FY 2021	\$43,685,312	\$36,640,085	\$80,325,398

**Tampa Bay Water – 2021 Annual Budget
Debt Service**

Rating Agency Analysis

Rating agencies provide an independent assessment of the relative credit worthiness of a municipal security. These agencies provide a letter grade that conveys their assessment of the ability of the borrower to repay the debt. These ratings are also a factor that is considered by the municipal bond market when determining the cost of borrowed funds (interest rate). The three nationally recognized rating agencies (Moody’s Investor Services, Fitch Ratings, and Standard and Poor’s) consider the following key factors when evaluating a debt offering:

- Economic environment - trend information/revenue to support debt
- Debt history - previous debt issued and current debt outstanding
- Debt management - debt planning and policies
- Administration- quality of Tampa Bay Water management and organizational structure
- Financial performance – Tampa Bay Water’s current and historical operations

The rating agencies each utilize a different system to rate debt. Moody’s uses modifiers 1 (higher end), 2 (mid-range) and 3 (lower end) to indicate ranking within each rating category. Both Fitch and Standard and Poor’s use a plus (+) and minus (-) modifier to indicate status within rating category. The table below provides a comparison of their rating systems:

	Moody’s	Fitch	Standard & Poor’s
Highest Quality	Aaa	AAA	AAA
Very High Quality	Aa	AA	AA
High Quality	A	A	A
Medium Quality	Baa	BBB	BBB
Speculative Quality	Ba	BB	BB
Highly Speculative Quality	B	B	B
Substantial Risk	Ca	CCC	CCC
Very High Levels of Risk	Caa	CC	CC
Exceptionally High Levels of Risk	C	C	C
Default	N/A	D	D

Tampa Bay Water – 2021 Annual Budget
Debt Service

Tampa Bay Water’s debt maintained its very high quality credit rating of AA+ from both Standard & Poor’s and Fitch and Aa1 from Moody’s with the issuance of the Series 2016A, 2016B and 2016C Bonds. The Agency has the second highest credit rating from all three rating agencies.

The following table summarizes the underlying ratings assigned to Tampa Bay Water’s debt by the rating agencies, at time of issuance, based on the agency’s credit.

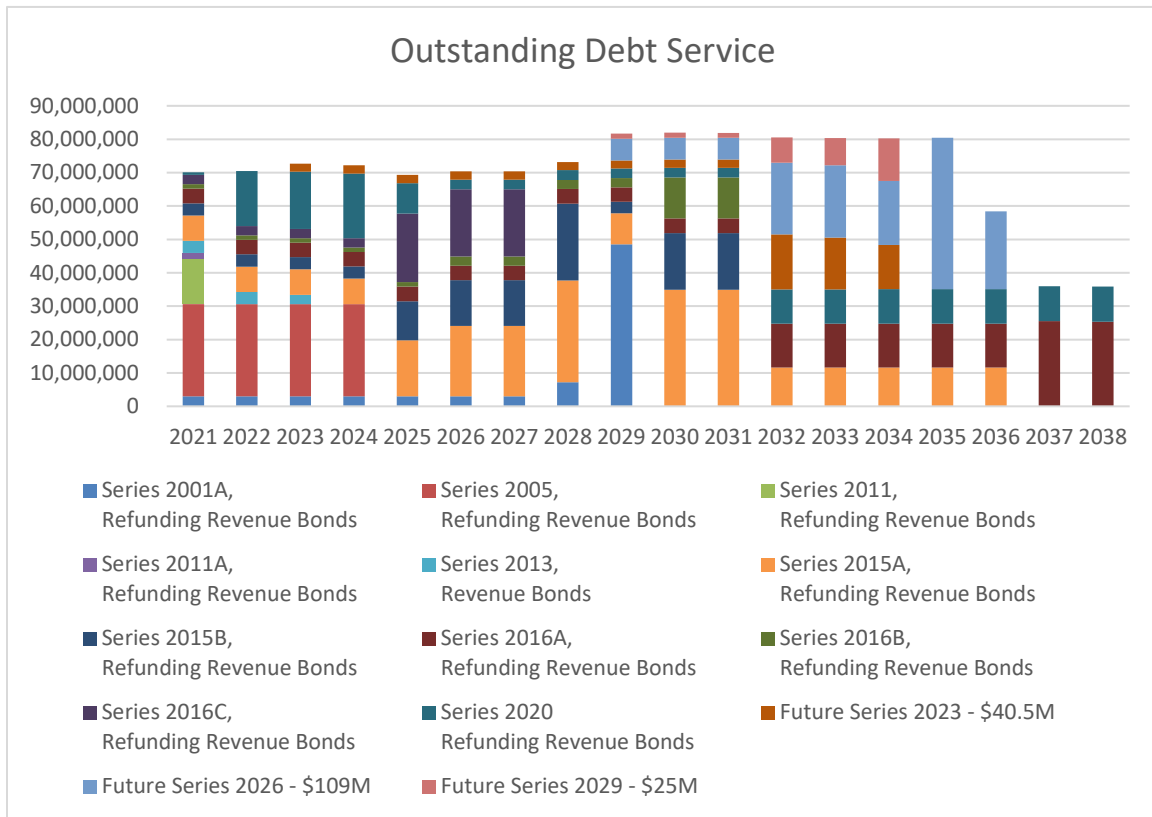
Bond Issue	Moody's	Fitch	Standard & Poor's
2001A Bonds	A1	AA-	A+
2005 Bonds	Aa3	AA-	A+
2010 Bonds	Aa2	AA+	AA+
2011A Bonds	Aa2	AA+	AA+
2013 Bonds	Aa2	AA+	AA+
2015A Bonds	Aa1	AA+	AA+
2015B Bonds	Aa1	AA+	AA+
2016A Bonds	Aa1	AA+	AA+
2016B Bonds	Aa1	AA+	AA+
2016C Bonds	Aa1	AA+	AA+

Tampa Bay Water’s 2001A and 2005 Bonds are insured by National Public Finance Guarantee (NPMFG) and at the time of issuance the insured ratings were AAA rated by the three rating agencies. In early 2008, the insurer’s financial strength and ratings were downgraded by Moody’s, Fitch and Standard & Poor’s to ratings below those of Tampa Bay Water. Due to Tampa Bay Water’s increasingly strong ratings, we have not seen any impact on the agency’s debt and the 2011, 2011A, 2013, 2015A, 2015B, 2016A, 2016B and 2016C Bonds are uninsured.

Tampa Bay Water – 2021 Annual Budget Debt Service

Outstanding Debt Service

The table below shows Tampa Bay Water's current long-term Debt Service obligations.



Future Borrowing

Tampa Bay Water's ten-year plan for its Capital Improvement Program shows a need for additional financing, estimated at \$40.5 million in fiscal year 2023, \$109 million in fiscal year 2026 and \$25 million in fiscal year 2029, and is presented in a separate document titled "Capital Improvement Program Fiscal Years 2021 through 2030".

Capital Improvement Program

Fiscal Year 2021

The Capital Improvement Program section provides summary information about the Agency's current capital projects. This includes projects that are scheduled to be in the feasibility, design and construction phases during fiscal year 2021.

Tampa Bay Water – 2021 Annual Budget Capital Improvement Program

In fiscal year 2010, Tampa Bay Water redeveloped its capital planning procedures. This has resulted in a more efficient and comprehensive project evaluation and prioritization process. In fiscal year 2019, Tampa Bay Water extended the capital planning forecast out to ten years. Tampa Bay Water’s ten-year plan for its Capital Improvement Program is presented in a separate document titled “Capital Improvement Program Fiscal Years 2021 through 2030”.

This section will provide details of only those projects Tampa Bay Water will be managing during fiscal year 2021.

Capital Improvement Program Background

Tampa Bay Water’s Capital Improvement Program (CIP) is intended to identify all projects that:

- Ensure the public has sufficient water supplies
- Meet the compliance obligations of the Amended and Restated Interlocal Agreement
- Improve the reliability of the regional system
- Have been recommended through the renewal and replacement analysis

The CIP is primarily a planning document that is updated annually and subject to changes as the needs for specific projects become more defined and final approval of projects is adopted by the Tampa Bay Water Board of Directors.

For those projects receiving funding through the Uniform Rate, the Renewal and Replacement Fund, the Energy Fund or the Capital Improvement Fund, the 2021 CIP Budget is the basis for budgeted expenditures when adopting the 2021 Annual Budget.

Goals

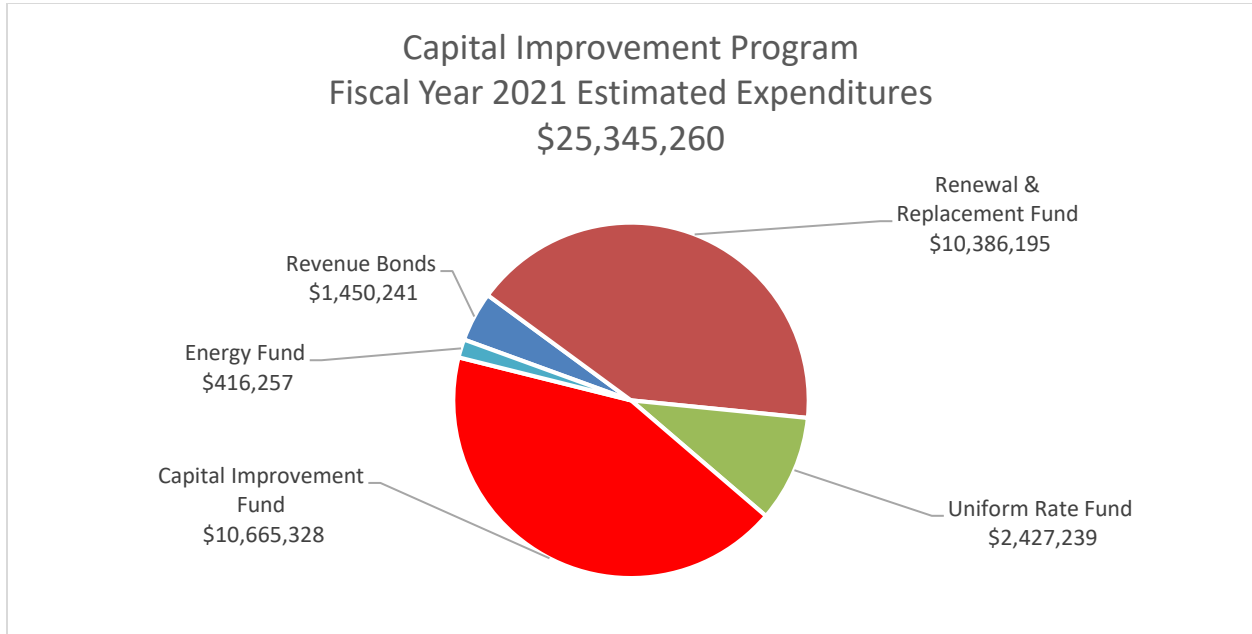
The following goals are used by Tampa Bay Water staff to develop the annual capital budget and the CIP:

- Identify and prioritize capital improvements projects through a coordinated departmental effort that considers the integration of planning and development, engineering, construction, and financing requirements.
- Classify requested projects to ensure the planned activity meets the requirements for a capital project.
- Develop a time line for each project being considered.
- Develop a funding scenario for each project that identifies a funding source, a cash flow estimate, and future operating costs, if applicable.

Tampa Bay Water – 2021 Annual Budget Capital Improvement Program

2021 Capital Improvement Program Funding

For fiscal year 2021, Tampa Bay Water has \$25,345,260 of planned projects. Financing for scheduled Capital Improvement Program projects is summarized by funding source in the following chart.



Capital Improvement Financing

Revenue Bonds

Tampa Bay Water's current Capital Improvement Program will use funds obtained through the issuance of Revenue Bonds. Bond proceeds are placed in a restricted Construction Fund until disbursed for the intended purpose.

Capital Improvement Fund

The Capital Improvement Fund may be used to fund any Board approved Capital Project and is funded by charges collected or other funds received, such as proceeds from the sale of surplus property.

Renewal and Replacement Fund

The Renewal and Replacement Fund is currently funding projects where major repairs or replacement of specific components are needed to maintain the service level of the water supply, treatment, and distribution system.

Uniform Rate

The Uniform Rate generally funds projects that improve existing facilities. Uniform Rate projects are considered routine and include, studies, assessments or evaluations, technological upgrades, facility remodeling or renovations, and Phase I Mitigation projects.

**Tampa Bay Water – 2021 Annual Budget
Capital Improvement Program**

Energy Program Fund

The Energy Fund Program is funded with revenue generated from an agreement with Tampa Electric Company’s (TECO) Commercial Demand Response Program provider ENERNOC. Tampa Bay Water earns revenue quarterly by agreeing to reduce electricity consumption when TECO calls for a demand response event such as the reduction of energy usage to lower peak demand. In addition, Tampa Bay Water has operating facilities that receive power from Withlacoochee River Electric Cooperative (WREC). As a member of the cooperative, Tampa Bay Water shares in the excess annual profits of WREC. Reimbursement of these profits are deposited into the Energy Fund Program.

Projects using Energy Program Funds must result in energy savings.

Other Funding Sources

Tampa Bay Water also seeks and applies for available grant funding for its projects from the Southwest Florida Water Management District, the State of Florida, the U.S. Environmental Protection Agency, and other Federal grant programs.

FISCAL YEAR 2021 PROJECT LIST BY FUNDING SOURCE

Capital Improvement Fund

Project No.	Project Name	FY 2021
01609	Southern Hillsborough County Supply Expansion: Booster Pump Station	\$706,329
01610	Southern Hillsborough County Supply Expansion: Pipeline	\$926,191
07010	Regional Facility Site Pump Station Expansion	\$894,478
07032	Tampa Bay Desalination Facility Intake Connection Improvements - Phase 1	\$662,803
07072	Tampa Bypass Canal Gates Automation	\$624,243
07537	Cypress Creek WTP Post Node Analyzer Building	\$30,549
07601	SCADA Historian	\$359,934
07602	SCADA-Wireless Units Upgrade	\$73,000
07603	SCADA-Software Features	\$109,000
07606	SCADA-Management Cluster and HA-DA Enhancements	\$784,000
07607	SCADA-Network Segmentation	\$1,085,000
50016	Eldridge-Wilde WF Pumps & Motors Replacement	\$4,409,801
Total Capital Improvement Fund Projects		\$10,665,328

**Tampa Bay Water – 2021 Annual Budget
Capital Improvement Program**

Energy Fund

Project No.	Project Name	FY 2021
52004	C.W. Bill Young Regional Reservoir Solar Energy System	\$416,257
Total Energy Fund Projects		\$416,257

Renewal & Replacement Fund

Project No.	Project Name	FY 2021
50016	Eldridge-Wilde WF Pumps & Motors Replacement	\$2,226,166
50021	Morris Bridge WF Improvements	\$240,223
50023	Starkey Wellfield Improvements	\$1,871,593
50031	Cypress Bridge Wellfield Improvements	\$601,961
50033	South-Central WF Generators	\$899,395
50040	Eldridge Wilde WF Underground Powerline	\$1,434,214
50041	Northwest Hillsborough Wellfield Improvements	\$247,684
50046	Lake Bridge Chemical Piping Replacement	\$642,584
50049	High Service Pump Station Chemical Piping Replacement	\$720,952
50051	Cypress Creek Water Treatment Plant Chemical Piping Replacement	\$5,372
50055	Tampa Bay Desalination VFDs Replacement	\$691,915
50066	High Service Pump Station and Cypress Creek Water Treatment Plant Diesel Piping Improvements	\$373,160
50067	TBC TM Cathodic Protection	\$430,976
Total Renewal & Replacement Projects		\$10,386,195

Revenue Bonds

Project No.	Project Name	FY 2021
06004	Tampa Bay Desalination Plant Reverse Osmosis Trench Supports	\$8,971
50055	Tampa Bay Desalination VFDs Replacement	\$74,397
06317	South Central Hillsborough Regional WF Improvements	\$25,783
06320	Purchasing Warehouse	\$215,939
07131	Cosme Water Treatment Plant Yard Piping Improvements	\$88,165
50016	Eldridge-Wilde WF Pumps & Motors Replacement	\$719,215
01615	South Pasco Water Treatment Plant Caustic Feed System	\$317,771
Total Revenue Bond Projects		\$1,450,241

**Tampa Bay Water – 2021 Annual Budget
Capital Improvement Program**

Uniform Rate

Project No.	Project Name	FY 2021
01610	Southern Hillsborough County Supply Expansion: Pipeline	\$5,139
01611	New Wellfield via SHARP Credits: Feasibility	\$859,557
09014	Surface Water Treatment Plant Expansion: Feasibility	\$256,409
09015	Tampa Bay Desalination Water Treatment Plant Expansion: Feasibility	\$1,297,217
50040	Eldridge Wilde WF Underground Powerline	\$34
50066	High Service Pump Station and Cypress Creek Water Treatment Plant Diesel Piping Improvements	\$8,883
Total Uniform Rate Projects		\$2,427,239

Further program and project detail are provided in a separate document titled “Tampa Bay Water’s Capital Improvement Program Fiscal 2021-2030”.

Divisional Operating Budget Detail

Fiscal Year 2021

The Divisional Operating Budget Detail section provides an overall view of the fiscal year 2021 operating budget and historical budget trends of the agency for the preceding four years. It also provides budget information at the divisional level along with each division's responsibilities, goals and objectives.

Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail

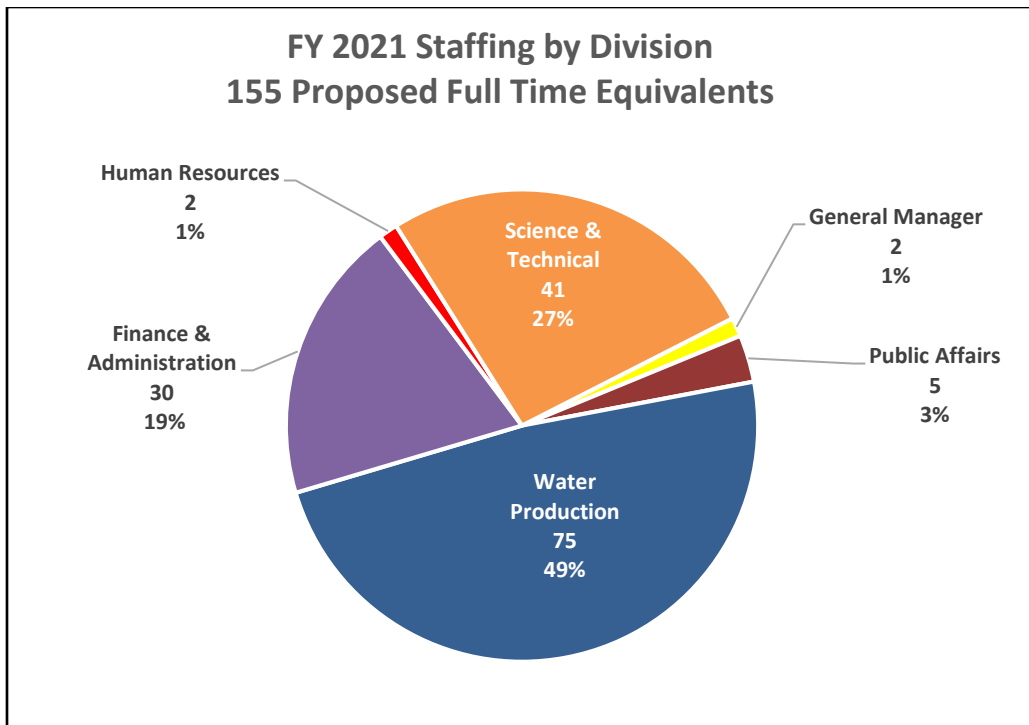
This section provides summaries of Tampa Bay Water’s new divisional organizations, mission, responsibilities, as well as historical budget trends.

As the Agency has matured and shifted from an organization focused on the planning and construction of new supplies to an organization focused on the efficient operation and timely maintenance of its robust and integrated regional supply system, a new organizational chart was developed. The organizational design separates the agency into four divisions: Water Production, Finance & Administration, Public Affairs, and Science & Technical and has the Human Resource Department as a direct report to the General Manager. Each division focuses on continually developing efficient work processes and creating performance measures to strive for efficiencies and affordable service.

Tampa Bay Water’s organizational design focuses on the Mission, Vision and Value statements, and better positions the agency to implement the Board’s Strategic Plan.

Staffing

For fiscal year 2021, \$22,907,250 or approximately 12.5 percent of the Operating Budget is funding for 155 full time employees and 6 Co-op students. The chart below shows the breakdown of full-time employees per division for FY 2021.



Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail

The chart below shows agency full-time employees and co-op positions for fiscal years 2016 through 2020 and proposed fiscal year 2021.

Area	Approved FY 2016	Approved FY 2017	Approved FY 2018	Approved FY 2019	Approved FY 2020	Proposed FY 2021
General Manager	2	2	2	2	2	2
Public Affairs	4	4	4	4	5	5
General Counsel	*	*	*	*	*	*
Water Production	72	73	73	74	75	75
Finance & Administration	16	17	17	29	30	30
Human Resources	2	2	2	2	2	2
Science & Technical	46	48	50	39	41	41
Full Time Employees	142	146	148	150	155	155

*General Counsel outsourced since FY 2012

	Approved FY 2016	Approved FY 2017	Approved FY 2018	Approved FY 2019	Approved FY 2020	Proposed FY 2021
Co-op Positions	4	6	6	6	6	6

Position Requests for Fiscal Year 2021

The Management and Performance Audit presented to the Board in 2015 indicated the need to systematically review the Agency's outsourcing activities to determine whether bringing work in-house would be more efficient for the agency. With a focus on affordably providing service to our member governments, staff reviewed outsourcing activities within all divisions and evaluated increased requirements and responsibilities and determined there was an opportunity to receive better value for services with in-house staff, between fiscal years 2016 and 2020 a total of 13 positions were added to the organization.

As Tampa Bay Water faces retirements, promotions and other staff turnover, the Executive Team announced in March 2020 organizational changes to address succession planning and knowledge retention in the Water Production and Science and Technical divisions. The development of these ideas was the result of extensive collaboration with the managers involved and the work with consultants on an agency workforce analysis. These changes provide the opportunity for the Agency to better organize and to continue to meet the agency's strategic planning and operational needs, while maintaining the current number of budgeted full-time equivalent positions.

Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail

Uniform Rate Budget	Actual 2016	Actual 2017	Actual 2018	Actual 2019	Approved 2020	Proposed 2021
Expenditures:						
41000 Regular Salaries	10,102,806	10,778,421	11,258,632	11,706,407	12,504,200	13,449,000
41300 Other Sal & Wages	11,554	12,352	12,926	13,448	13,650	15,100
41310 Employee Awards (FRS Exempt)	1,593	2,038	1,588	1,610	1,875	3,000
41340 Auto Allowance	4,742	4,930	5,043	5,214	5,850	5,850
41410 Overtime	86,811	83,972	85,724	83,405	96,550	105,900
41420 Shift Differential	52,135	56,509	63,182	62,177	67,000	76,000
41430 On-call pay	61,648	69,091	57,281	69,566	62,000	77,500
42100 FICA	747,101	802,346	831,414	859,739	975,650	1,052,500
42200 FRS	1,438,103	1,892,685	2,081,164	3,000,883	2,324,410	4,751,200
42300 Life & Health Ins	1,641,978	1,787,913	1,894,578	2,232,669	2,984,800	3,210,200
42305 FSA Health Care Med. Exc.	-	-	2,117	1,692	-	-
42400 Workers' Compensation	183,342	137,022	101,379	100,827	182,500	118,000
42500 Unemployment Comp	-	-	4,180	-	10,000	10,000
42600 Other Post Employment Benefits	28,223	24,188	(81,538)	21,269	36,000	33,000
Total Personnel Services	14,360,036	15,651,468	16,317,669	18,158,904	19,264,485	22,907,250
55100 Office Supplies	29,190	23,331	28,356	24,478	44,475	38,475
55200 Operating Supplies	1,313,141	1,482,757	1,390,983	1,674,511	1,770,074	2,177,148
55260 Computer Software Expense	157,578	226,968	195,613	35,753	14,000	10,350
55400 Books, Publs, Subsc, Memberships	228,837	230,163	258,074	338,743	360,592	372,613
55500 Training	145,755	152,123	174,932	138,353	300,919	268,458
Total Materials & Supplies	1,874,501	2,115,341	2,047,959	2,211,837	2,490,060	2,867,044
63120 Engineering Services	1,866,567	1,693,347	1,522,116	1,285,873	2,130,000	6,330,000
63125 Engineering Svcs-Owners Allowance	84,371	35,851	755	24,767	-	-
63130 Hydrological Services	493,694	569,034	595,010	457,868	815,500	750,700
63140 Ecological Services	2,982,096	2,475,320	2,464,404	2,459,778	2,521,657	2,619,177
63181 Mitigation	647,067	307,991	10,618	1,143	220,000	100,000
63182 Augmentation	429,041	125,610	38,821	155,523	58,500	210,000
63190 Other Professional Services	2,043,925	3,735,493	4,194,367	3,254,003	6,041,444	7,643,147
63200 Accounting & Auditing	178,500	123,550	100,500	118,500	375,000	181,000
63400 Other Services	1,773,059	1,895,829	2,092,669	2,669,491	3,376,116	3,765,518
63410 O & M Agreements	14,374,298	14,326,818	15,477,128	13,986,036	14,452,551	14,221,557
Total Professional Services	24,872,618	25,288,843	26,496,389	24,412,983	29,990,768	35,821,099

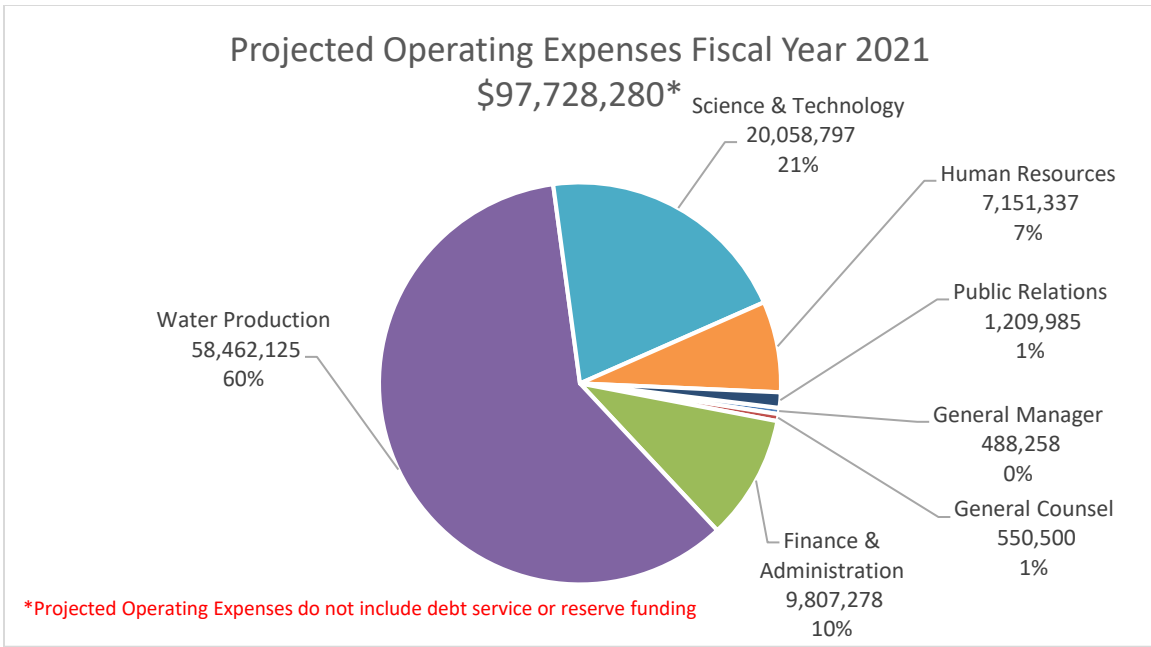
Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail

Uniform Rate Budget	Actual 2016	Actual 2017	Actual 2018	Actual 2019	Approved 2020	Proposed 2021
64000 Travel & Per Diem	88,890	86,731	100,752	93,079	156,348	174,440
64005 Mileage & Tolls	23,362	27,952	28,650	23,882	34,175	33,175
64100 Communications Services	734,635	666,491	730,295	836,592	770,800	1,030,600
64120 Freight & Postage Services	78,054	80,858	62,692	69,725	93,325	97,425
64320 Water, Sewer, & Other Utilities	96,974	219,844	188,769	214,103	257,140	214,550
64600 Repair & Maint-Eq & Grounds	3,270,178	2,572,693	2,530,881	3,307,810	3,960,183	3,814,288
64605 Repair & Maint-Eq & Grnds Owners Allow	33,839	-	-	2,604	-	-
64700 Printing & Binding	22,602	25,524	32,019	36,669	41,500	42,000
64800 Promotional Activities	43,682	75,380	100,627	123,321	120,700	100,700
64810 Advertising	21,441	42,323	183,536	23,714	117,650	114,600
64990 Other Current Charges	53,577	56,263	143,265	177,111	169,445	193,790
64991 Permits	81,300	91,543	67,263	73,346	85,130	107,135
64996 P-Card/Credit Card Fees	-	-	1,264	1,125	-	-
64997 Employee Outting Fees	-	-	-	10	-	-
Total Repairs & Other Services	4,548,534	3,945,601	4,170,013	4,983,091	5,806,396	5,922,703
64400 Rentals & Leases	308,359	283,417	153,854	221,822	458,298	292,430
64500 Insurance	1,441,064	1,502,024	1,348,978	1,462,074	1,710,060	1,892,843
Total Rent & Insurance	1,749,423	1,785,441	1,502,831	2,031,048	2,168,358	2,031,048
63110 Legal Services	302,054	315,239	379,962	359,880	545,000	545,000
86100 Land Acq Cost-Purchase	-	-	-	-	10,000	10,000
86110 Land Acq Cost-Legal	-	-	-	-	5,000	5,000
86190 Land Acq Cost-Other	300	-	-	7,012	1,000	1,000
86300 Capital Improve Facility	-	-	-	-	45,000	165,000
86305 Capital Improve Facility-Owners Allowance	-	-	-	-	-	-
86400 Mach & Equipment Purchase	1,180,065	1,082,323	1,178,658	1,989,156	1,295,805	1,312,340
86610 Software-To Amortize	495,882	97,820	58,539	61,275	180,000	-
Total Capital Expenditures	1,676,247	1,180,143	1,237,197	2,057,442	1,536,805	1,493,340

Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail

Uniform Rate Budget	Actual 2016	Actual 2017	Actual 2018	Actual 2019	Approved 2020	Proposed 2021
77210 Interest Bonds	42,202,306	40,334,335	38,838,614	37,252,277	35,558,314	33,317,840
77310 Issue Costs Bonds	387,269	-	-	-	-	-
87114 Principal 2004 Bonds	11,770,000	16,925,000	13,535,000	5,005,000	-	-
87116 Principal 2005 Bonds	5,410,000	1,155,000	5,505,000	15,030,000	21,140,000	22,290,000
87117 Principal 2006 Bonds	355,000	-	-	-	-	-
87140 Principal 2011 Bonds	10,115,000	10,615,000	11,140,000	11,710,000	12,290,000	12,915,000
87141 Principal 2011A Bonds	30,000	35,000	35,000	35,000	35,000	40,000
87142 Principal 2011 B Bonds	175,000	-	-	-	-	-
87145 Principal 2015B Bonds	775,000	835,000	845,000	855,000	870,000	890,000
87147 Principal 2016B Bonds	195,000	230,000	235,000	235,000	240,000	396,000
Total Debt Service	71,414,576	70,129,335	70,133,614	70,122,277	70,133,314	69,848,840
77250 Interest Facility Purchase	4,808,120	4,542,913	4,263,601	3,968,187	3,653,140	3,322,245
87125 Principal Payment Facility Acq.	5,423,438	5,688,644	5,967,957	6,263,370	6,578,418	6,909,312
Total Acquisition Credits to Members	10,231,558	10,231,558	10,231,558	10,231,558	10,231,558	10,231,558
55250 Water Quality Credit Expense	48,000	48,000	48,000	48,000	48,000	48,000
82810 O&M Reserve Funding	-	-	-	288,898	112,872	-
82820 Renewal & Replacement Rsv Fund	-	-	3,325,468	10,078,843	11,606,997	13,313,721
82870 Capital Improvement Funding	-	-	4,215,354	92,481	143,772	275,965
Total Reserve Funding	-	-	7,540,822	10,460,222	11,863,641	13,589,686
55210 Water Treatment Chemicals	7,337,426	8,425,406	8,370,525	8,915,227	12,606,616	12,410,244
64310 Power and Light	9,658,934	11,412,550	10,644,646	10,378,812	13,548,122	13,027,527
64380 Water for Resale-Variable	1,720,881	1,201,732	1,282,092	538,440	502,800	500,800
Total Variable Costs	18,717,241	21,039,688	20,297,263	19,832,479	26,657,538	25,938,571
GRAND TOTAL	149,794,786	151,730,656	160,403,278	164,909,721	180,735,922	191,244,139

Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail



Office of General Manager	Proposed FY 2021
Salaries & Wages	\$ 448,450
Materials & Supplies	26,008
Repairs & Other Services	13,800
Total Office of General Manager	\$ 488,258

General Counsel	Proposed FY 2021
Professional Services	\$ 3,000
Legal Services	545,000
Capital Expenditures	2,500
Total General Counsel	\$ 550,500

Finance & Administration	Proposed FY 2021
Salaries & Wages	\$ 3,164,200
Materials & Supplies	562,327
Professional Services	2,912,186
Repairs & Other Services	1,207,265
Rent, Leases & Insurance	1,805,300
Capital Expenditures	156,000
Total Finance & Administration (does not include debt service or reserve funding)	\$ 9,807,278

Water Production	Proposed FY 2021
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Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail

Salaries & Wages	\$ 7,357,100
Materials & Supplies	1,489,504
Professional Services	18,490,609
Repairs & Other Services	3,938,028
Rent & Insurance	328,973
Water Quality Credit	48,000
Capital Expenditures	871,340
Water Treatment Chemicals	\$ 12,410,244
Power / Electricity	13,027,527
Water for Resale	500,800
Total Water Production	\$ 58,462,125

Science & Technology	Proposed FY 2021
Salaries & Wages	\$ 4,426,100
Materials & Supplies	681,453
Professional Services	13,981,084
Repairs & Other Services	480,660
Rent & Insurance	46,000
Capital Expenditures	443,500
Total Science & Technical	\$ 20,058,797

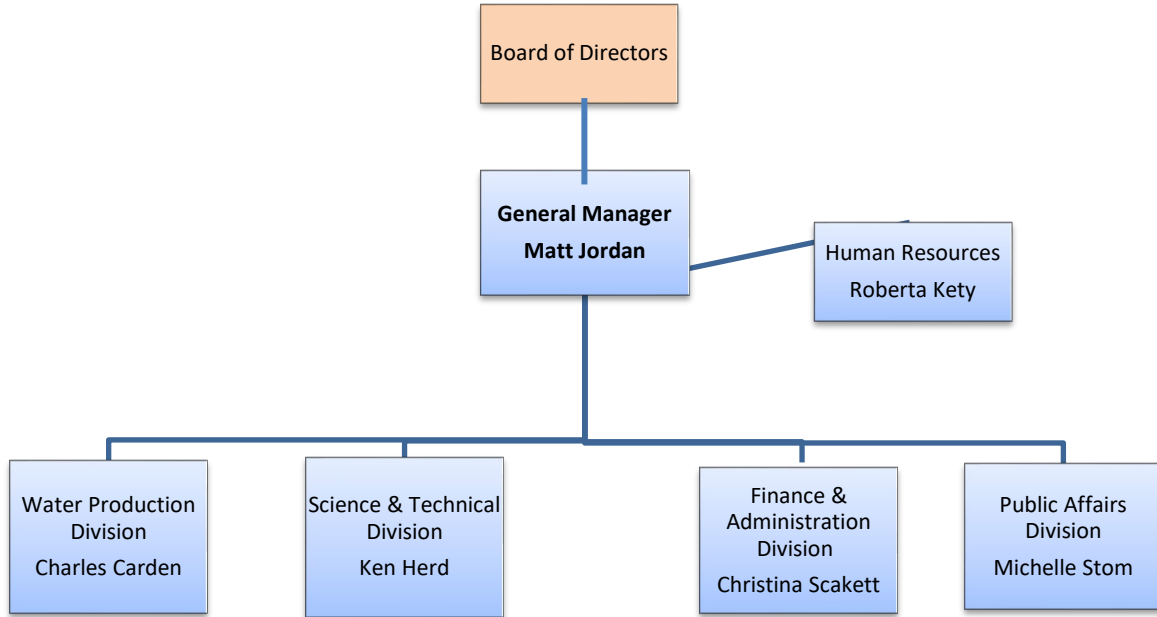
Human Resources	Proposed FY 2021
Salaries & Wages	\$ 6,947,100
Materials & Supplies	43,367
Professional Services	85,920
Repairs & Other Services	69,950
Rent & Insurance	5,000
Capital Expenditures	-
Total Human Resources	\$ 7,151,337

Public Relations	Proposed FY 2021
Salaries & Wages	\$ 564,300
Materials & Supplies	64,385
Professional Services	348,300
Repairs & Other Services	213,000
Capital Equipment	20,000
Total Public Relations	\$ 1,209,985

Total Proposed Operating Budget (not including Debt Service or Reserve Funding)	\$ 97,728,280
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Office of the General Manager

The **General Manager** is appointed by and serves at the pleasure of the Agency's Board of Directors and is responsible for providing the leadership to develop and expand the organization in a multitude of activities in the areas of water production, science, technology, finance, administration, public affairs and ensuring that Board policies and programs are implemented in accordance with the Board's direction. The General Manager oversees the Human Resources Department and four divisions as follows:



The General Manager provides considerable interaction and coordination with members of the Board and members of other public agencies conducting business with the Agency. The General Manager promotes the overall mission and strategic planning of the Agency. He anticipates and keeps apprised of key issues of the Federal, State and local governmental and municipal bodies as they relate to the Agency's interest. The General Manager assures the organization and its mission, programs, products and services are consistently presented in a strong, positive image to Agency stakeholders and are consistent with the policy direction of the Board of Directors.

The General Manager also coordinates all legal matters for the agency with the agency's General Counsel. The General Counsel handles a variety of legal matters including those relating to operations, permitting, contracts, property acquisition, construction-related services, human resource and fiscal matters and defense of legal matters. Since May 2012, the agency's general counsel duties have been performed through outside contracted services currently with Conn & Buenaventura, P.A.

Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail

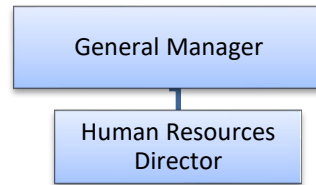
General Counsel	2016	2017	2018	2019	2020	2021
	Actuals	Actuals	Actuals	Actuals	Approved Budget	Proposed Budget
Expenditures:						
63190 Other Professional Services	-	-	-	286	3,000	
Total Professional Services	-	-	-	286	3,000	-
63110 Legal Services	302,054	315,239	379,962	359,880	545,000	545,000
86110 Land Acq Cost-Legal	-	-	-	-	2,500	
Total Capital Expenditures	-	-	-	-	2,500	-
GRAND TOTAL	302,054	315,239	379,962	360,166	550,500	545,000

Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail

General Manager	2016	2017	2018	2019	2020	2021
	Actuals	Actuals	Actuals	Actuals	Approved Budget	Proposed Budget
Expenditures:						
41000 Regular Salaries	258,068	268,045	280,750	293,533	302,400	323,400
41300 Other Salaries & Wages	11,554	12,352	12,926	13,448	13,650	15,100
41340 Auto Allowance	4,742	4,930	5,043	5,214	5,850	5,850
42100 FICA	19,080	19,953	20,732	17,283	23,200	26,400
42200 FRS	22,004	24,535	27,569	62,710	63,400	77,700
42300 Life & Health Insurance	23,837	17,722	9,348	20,022		-
Total Personnel Services	339,285	347,537	356,368	412,209	408,500	448,450
55100 Office Supplies	-	-	114	37	125	125
55200 Operating Supplies	91	201	102	-	320	820
55400 Books, Pubis, Subsc, Memberships	22,489	18,500	19,494	20,573	26,347	22,413
55500 Training	2,100	2,560	1,885	930	2,575	2,650
Total Materials & Supplies	24,679	21,261	21,595	21,540	29,367	26,008
64000 Travel & Per Diem	3,024	2,412	2,525	4,181	7,750	7,250
64005 Mileage & Tolls	641	621	931	580	1,200	900
64120 Freight & Postage Services	-	-	-	-	50	50
64810 Advertising	999	1,048	3,977	861	2,500	2,500
64990 Other Current Charges	601	666	1,367	2,381	1,680	3,100
Total Repairs & Other Services	5,265	4,747	8,800	8,003	13,180	13,800
GRAND TOTAL	369,229	373,544	386,764	441,752	451,047	488,258

Human Resources

The **Human Resources Department** is responsible for assisting in the needs of the 155 full time equivalent employee positions of Tampa Bay Water. Currently Human Resources is comprised of two full-time positions and reports directly to the Agency General Manager.



The mission of the Agency's Human Resources Department is to maintain a fair, equitable, and positive work environment for all employees in support of the mission of the Agency. The Human Resources Department believes that the success of the Agency is primarily dependent upon its employees. Further, it is our commitment to our employees and their development that we believe will create job satisfaction, career opportunities and provide maximum benefit to the organization.

The Human Resources Department provides assistance and advocacy for employees and retirees through the administration of benefit programs, policies and procedures; by promoting positive employee relations; and by ensuring a competent and diverse workforce. The Human Resources Department provides to our constituents a diverse range of Human Resources services to ensure that the Tampa Bay Water continues to be a desirable place to work.

For our employees, we serve as a resource of information and expertise to enhance the well-being and quality of life among our workforce. The Human Resources Department demonstrates through our actions and behavior a genuine respect for the dignity of the individual and to honor each person's right to fair and equitable treatment in all aspects of the employment relationship.

The Human Resources Department accomplishes this through the following major objectives:

- Providing employees with the tools, training, and knowledge that motivates them to perform in the most effective and efficient manner possible. Human Resources regards training, education and employee development activities as an investment to promote individual success and to increase overall value to the Agency.
- Inspiring and encouraging a high level of employee morale through recognition, effective communication, and providing effective feedback. The Human Resources Department encourages open discussion between supervisors and employees and manages the process to regularly review employee performance by establishing clear

Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail

- objectives, providing relevant and positive feedback to assure continued development, and consistently works towards the objective of achieving an environment of involvement, commitment, empowerment, and productivity.
- Promoting a diverse workforce that recognizes each employee as an individual in a safe and discrimination/harassment free environment through positive programs of hiring, career development, and promotion.
 - Facilitating change management and the pursuit of excellence in all employee programs, and influencing positive employee-management relationships.
 - Establishing, administering, and communicating sound policies and practices that treat employees with dignity and equality while maintaining compliance with applicable law, policy, and regulation.
 - Providing professional human resources consultation to the organization regarding staffing, organizational effectiveness, training and development, compensation, Equal Employment Opportunity/Affirmative Action, benefits administration and related practices.
 - Recruiting and hiring the most qualified employees, by: pre-planning staffing needs; ensuring an effective review process; increasing Agency visibility in the marketplace; identifying the best and most cost effective recruitment sources; and conducting thorough reference checks. Promoting from within is encouraged whenever possible, especially when it is beneficial to the employee and the Agency.
 - Retaining valued Agency employees by: providing professional training in effective management techniques that will assure effective leadership qualities in our managers; providing competitive wages and benefits and administering individual salaries and promotions in a manner that recognizes the relative value of each position and that rewards individual performance; providing technical, interpersonal, and career development training and coaching; conducting exit interviews and supplying relevant feedback to management; and enhancing communication between employees and management.
 - Providing a safe, efficient, and attractive work environment through maintenance of good physical working conditions, proper work practices and safeguards, and the fostering of harmonious work relationships among all employees.

Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail

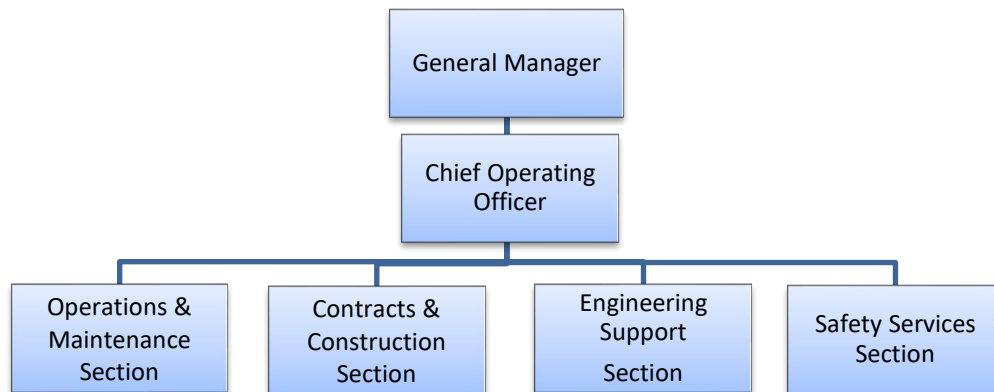
Human Resources	2016	2017	2018	2019	2020	2021
	Actuals	Actuals	Actuals	Actuals	Approved Budget	Proposed Budget
Expenditures:						
41000 Regular Salaries	155,656	163,262	172,314	180,584	438,700	447,200
41310 Employee Awards (FRS Exempt)	1,593	2,038	1,588	1,610	1,875	3,000
41410 Overtime	-	91	61	183	200	300
42100 FICA	11,508	12,153	12,725	13,780	33,650	34,300
42200 FRS	13,272	15,689	16,921	34,979	1,058,560	3,091,100
42300 Life & Health Ins	23,690	(7,415)	18,696	28,347	2,984,800	3,210,200
42400 Workers' Compensation	183,342	137,022	101,379	100,827	182,500	118,000
42500 Unemployment Comp	-	-	4,180	-	10,000	10,000
42600 Other Post Employment Benefits	28,223	24,188	(81,538)	21,269	36,000	33,000
Total Personnel Services	417,283	347,028	246,325	381,579	4,746,285	6,947,100
55100 Office Supplies	-	7	7	55	250	250
55200 Operating Supplies	-	-	14,291	2,851	750	8,750
55400 Books, Pubis, Subsc, Memberships	2,175	1,657	1,605	4,767	3,407	4,367
55500 Training	1,734	5,985	11,440	12,698	35,700	30,000
Total Materials & Supplies	3,909	7,649	27,343	20,371	40,107	43,367
63190 Other Professional Services	59,921	13,631	7,880	22,655	62,000	38,000
63400 Other Services	23,920	1,852	2,042	3,954	39,100	47,920
Total Professional Services	83,841	15,484	9,922	26,609	101,100	85,920

Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail

Human Resources	2016	2017	2018	2019	2020	2021
	Actuals	Actuals	Actuals	Actuals	Approved Budget	Proposed Budget
64000 Travel & Per Diem	1,280	1,897	3,016	3,693	7,050	8,500
64005 Mileage & Tolls	2,842	3,205	4,320	2,695	4,500	3,500
64120 Freight & Postage Services	216	397	270	774	650	950
64600 Repair & Maint-Eq & Grounds	-	593	1,022	1,029	3,000	3,000
64810 Advertising	16,238	18,852	10,029	9,470	24,000	24,000
64990 Other Current Charges	18,666	18,493	23,617	19,808	31,275	30,000
Total Repairs & Other Services	39,242	43,437	42,274	37,469	70,475	69,950
64400 Rentals & Leases	2,093	2,579	2,856	4,458	5,000	5,000
Total Rent & Insurance	2,093	2,579	2,856	4,458	5,000	5,000
86400 Machinery & Equipment Purchase	-	4,060	-	-	5,000	-
Total Capital Expenditures	-	4,060	-	-	5,000	-
GRAND TOTAL	546,367	420,237	328,720	470,485	4,967,967	7,151,337

Water Production Division

The **Water Production Division** plans, designs, builds, operates, supports, monitors, and maintains Agency facilities to continuously provide high-quality water. The Group is divided into three operating sections: Operations & Maintenance, Contracts & Construction, and Engineering Support. The Operation & Maintenance Section is divided into North and South Regions.



The **Operation & Maintenance Section** is responsible for inspection, programming, testing, calibration and maintenance of critical agency equipment. This Section operates and monitors Agency facilities and maintains process control instruments. They are responsible for the Renewal and Replacement Program and administration of the Maximo CMMS system.

Operation & Maintenance Section Goals & Objectives:

- Complete implementation of the first phase of Maximo to include the following:
 - Complete asset hierarchy and field verification effort for initial data load
 - Develop new maintenance processes to include Planner/Scheduler function
 - Complete overhaul of preventive maintenance job plans and schedules
 - Complete training of Agency staff prior to full deployment
- Develop plan for second phase of Maximo implementation to include further inventory and linear asset functions – begin plan implementation
- Complete applicable field conditions assessments and provide output from the Renewal and Replacement computer application
- Provide design review and support the ranking effort for all Capital Improvement Program projects
- Coordinate with the Contracts & Construction Support Section on all construction projects to ensure minimal impacts to the operating system while maintaining regulatory compliance
- Manage the consolidated wellfield production below the permit condition of 90 mgd
- Manage the non-consolidated wellfield production below the respective permit limits

Tampa Bay Water – 2021 Annual Budget
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- Operate the regional system and points of connection in compliance with Exhibit C and D and all federal, state and local regulations/permits
- Complete transition to operation for the Keller H₂S facility and examine options for long-term facility maintenance

The **Contracts & Construction Section** is responsible for establishing and directing outsourced operations, contract management, construction management and inspection, buildings and grounds maintenance and fleet management, emergency preparedness, and the safety and security of agency personnel and infrastructure.

Contracts & Construction Section Goals & Objectives:

- Manage the Desalination Facility OM&M Contract
- Manage the Regional Water Treatment Facility OM&M Contract
- Manage the Lithia H₂S Removal M&M Contract
- Manage the Keller H₂S Removal M&M Contract
- Complete construction of the H₂S Removal Facility (Keller)/Pinellas Point of Connection
- Complete construction of the seawater intake pipeline repair, DE Building and second scavenger tank at the Desalination Facility
- Complete construction of arc flash mitigation at Brandon Urban Dispersed, South-Central Hillsborough, Cypress Bridge, South Pasco and Cypress Creek Wellfields
- Complete construction of Facilities Site-SWTP process piping
- Complete demolition of Section 21 surge tank and power line and replace MCCs
- Update fleet management program and purchase eight new vehicles
- Update Safety Policy and Procedure Manual with emphasis on electrical safety
- Complete a security program assessment of physical facilities and security officer service and performance
- Perform maintenance on agency office buildings and grounds

The **Engineering Support Section** analyzes plans, schedules, budgets and designs Capital Improvement/Renewal & Replacement projects needed to operate the system. Their goal is to ensure the public has sufficient water supplies into the future.

Engineering Support Section Goals & Objectives:

- Manage Capital Improvement Program
- Manage energy program
- Complete update to the 2025 analysis for physical system reliability and performance during service interruptions
- Provide real estate coordination for acquisition and disposition of parcels and enforcement of existing property rights
- Provide surveying services to support Consolidated Water Use Permit and other agency needs
- Eldridge-Wilde H₂S Removal Facility (Keller) and Pinellas Point of Connection (POC) Project - Assist startup efforts.
- Eldridge-Wilde Wellfield Fiber Optic Project - Assist startup efforts.
- Cross Bar Wellfield Pumps Replacement - Assist construction efforts.
- Section 21 electrical projects- provide engineering of record support
- Cypress Creek shed replacement- complete design criteria package
- Tampa Bay Desalination Reliability Program - Support complete design criteria package and design builder procurement
- Continue to maintain standard specifications and details.
- Continue physical assessments of major transmission mains
- Continue design for remediation of arc-flash recommendations
- Maintain hydraulic model training and ready-to-respond status.

The **Safety Services Section** is responsible for emergency preparedness, and the safety and security of agency personnel and infrastructure.

Safety Services Section Goals & Objectives:

- Update Safety Policy and Procedure Manual with emphasis on electrical safety
- Complete a security program assessment of physical facilities and security officer service and performance

Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail

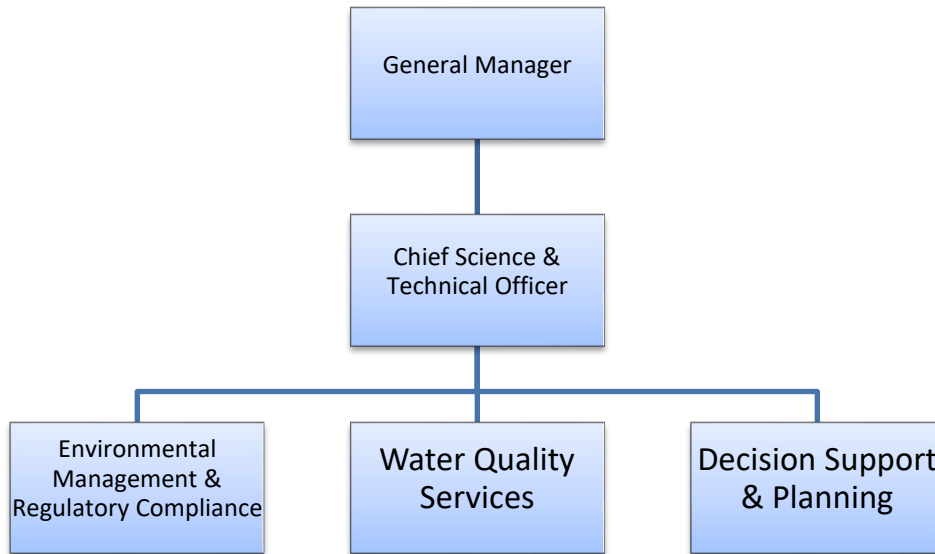
Water Production	2016	2017	2018	2019	2020	2021
	Actuals	Actuals	Actuals	Actuals	Approved Budget	Proposed Budget
Expenditures:						
41000 Regular Salaries	4,645,203	4,930,389	5,025,038	5,073,865	5,661,900	5,911,300
41410 Overtime	77,782	75,914	80,423	78,753	89,350	99,300
41420 Shift Differential	52,135	56,509	63,182	62,177	67,000	76,000
41430 On-call pay	37,455	39,517	42,535	50,145	46,000	54,100
42100 FICA	343,431	367,018	371,083	383,624	449,450	470,900
42200 FRS	396,066	451,285	493,445	518,390	586,800	745,500
42300 Life & Health Insurance	829,179	916,839	966,092	1,111,463	-	-
				-	-	-
Total Personnel Services	6,381,251	6,837,471	7,041,799	7,278,417	6,900,500	7,357,100
			-	-	-	-
55100 Office Supplies		-	601	290	550	350
55200 Operating Supplies	860,773	923,531	878,840	1,003,626	1,063,898	1,320,963
55260 Computer Software Expense	11,995	3,610	-	-	-	350
55400 Books, Pubis, Subsc, Memberships	18,794	25,906	32,884	35,990	48,423	46,632
55500 Training	87,619	87,804	101,326	59,493	156,111	121,209
Total Materials & Supplies	979,181	1,040,852	1,013,652	1,099,399	1,268,982	1,489,504
			-	-	-	-
63120 Engineering Services	1,378,426	969,433	1,022,591	933,871	1,230,000	1,330,000
63125 Engineering Services-Owners Allowance	84,371	35,851	755	24,767		
63190 Other Professional Services	295,396	1,376,630	1,379,315	567,795	640,000	1,020,000
63400 Other Services	1,278,933	1,302,540	1,309,533	1,510,547	1,707,260	1,919,052
63410 O&M Agreements	14,374,298	14,326,818	15,477,128	13,986,036	14,452,551	14,221,557
Total Professional Services	17,411,423	18,011,272	19,189,323	17,023,015	18,029,811	18,490,609

Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail

Water Production	2016	2017	2018	2019	2020	2021
	Actuals	Actuals	Actuals	Actuals	Approved Budget	Proposed Budget
64000 Travel & Per Diem	19,881	24,505	32,142	26,323	38,123	40,465
64005 Mileage & Tolls	3,027	4,619	4,229	4,755	4,875	5,575
64100 Communications Services	3,672	3,672	-	3,672	1,000	2,000
64120 Freight & Postage Services	12,443	14,881	13,136	19,561	15,900	18,000
64320 Water, Sewer, & Other Utilities	96,974	219,844	188,769	212,830	257,140	212,150
64600 Repair & Maint-Eq & Grounds	3,174,686	2,516,717	2,400,334	3,057,297	3,643,583	3,501,888
64605 Repair & Maint-Eq & Grounds -Owners Allow	33,839	-	-	2,604	-	-
64810 Advertising	867	351	350	111	3,000	3,000
64990 Other Current Charges	7,460	6,212	2,957	2,041	5,150	151,950
64991 Permits	830	-	13	3,426	3,000	3,000
Total Repairs & Other Services	3,353,678	2,790,801	2,641,929	3,332,619	3,971,771	3,938,028
64400 Rentals & Leases	75,673	49,855	38,615	72,039	64,298	123,630
64500 Insurance	113,200	216,044	192,151	188,268	232,560	205,343
Total Rent & Insurance	188,872	265,899	230,767	260,307	296,858	328,973
86100 Land Acq Cost-Purchase	-	-	-	-	-	10,000
86110 Land Acq Cost-Legal	-	-	-	-	-	2,500
86120 Land Acq Cost-Prop Settlement Attorney	-	-	-	-	-	-
86190 Land Acquisition Cost-Other	-	-	-	6,512	-	-
86300 Capital Improvement-Facility	-	-	-	-	45,000	165,000
86305 Capital Improvement-Facility-Owners Allow	-	-	-	-	-	-
86400 Machinery & Equipment Purchase	714,480	524,051	580,532	863,066	543,605	693,840
Total Capital Expenditures	714,480	524,051	580,532	869,578	588,605	871,340
55250 Water Quality Credit Expense	48,000	48,000	48,000	48,000	48,000	48,000
55210 Water Treatment Chemicals	7,337,426	8,425,406	8,304,193	8,915,227	12,606,616	12,410,244
64310 Power and Light	9,658,934	11,412,550	10,644,646	10,378,812	13,548,122	13,027,527
64380 Water for Resale-Variable	1,720,881	1,201,732	1,282,092	538,440	502,800	500,800
Total Variable Costs	18,717,241	21,039,688	20,230,931	19,832,479	26,657,538	25,938,571
GRAND TOTAL	47,794,127	50,558,036	50,976,933	49,743,814	57,762,065	58,462,125

Science and Technical Division

The **Science and Technical Division** leads the Agency in the efficient management of data and information to support all regulatory permitting and reporting services, water supply planning, source water assessment, and decision support activities. In October 2016, the Division completed a re-organization to create the Environmental Management and Regulatory Compliance group and the Water Quality Services.



The **Environmental Management and Regulatory Compliance Group** performs Agency work in four areas: (1) implementation of Agency Environmental Management (ISO14001) system, (2) compliance tracking, reporting and implementation of agency water use and environmental resource permit conditions, (3) collect and submit hydrologic and water quality data as required by agency water use permits, and (4) implementation of agency well mitigation program under the Good Neighbor Policy and water use permits. Use of this EMS framework will provide the agency with the best opportunity to successfully facilitate regulatory compliance, mitigate risk, and implement continual improvement.

Managers from each department report to the Environmental Management and Regulatory Compliance Senior Manager. The Environmental Management and Regulatory Compliance Senior Manager is directly responsible for implementation of the EMS and for all regulatory compliance matters. She also coordinates internal regulatory compliance matters and interactions with state, local and federal regulatory agencies and industry associations

Environmental Management and Compliance

The **Environmental Management and Compliance Department** implements the new environmental management system and oversees all regulatory permitting and compliance activities including review of new and existing permits and regulations to ensure that the Agency maintains complete and accurate compliance with all applicable federal, state, regional and local regulatory agencies.

Department Goals

- Develop and implement new Environmental Management System following the guidelines of ISO 14001.
- 100% Agency compliance with all applicable deadlines, events and reporting conditions dictated by regulatory agencies.
- Keep apprised of new regulations, standards, policies and guidance issued by relevant regulatory authorities that impact the Agency.
- Work closely with Agency staff to complete all assigned strategic goals related to Agency compliance with all regulatory requirements.
- Coordinate with regulatory agencies, member governments, and contract operators on all regulatory matters.

The Water Use Permitting Department is responsible for the acquisition and renewal of, and compliance with, agency water use permits. Department staff prepare the permit applications, the supporting documents, and the compliance reports necessary to maintain the operating capacity of our water supply facilities. Staff manage the collection of and analyze environmental and water use data to assure compliance with our water supply facility permits. They also monitor and manage wetland impacts associated with construction and/or past operation of agency facilities and infrastructure. Wetland mitigation work is performed by restoring wetlands to their original condition or enhancing wetlands to offset for an unavoidable impact. Management of lands owned by Tampa Bay Water is performed to maintain appropriate habitat for flora and fauna and promote the health of the environment.

Water Use Permitting Department Goals & Objectives

- Completed Consolidated Water Use Permit Recovery Assessment, report submitted to District in December 2018.
- Maintain compliance with water facility permits to support a reliable water supply system and financial stability for the agency.
- Monitor environmental systems near agency facilities to minimize impacts to water resources and operate our facilities in an environmentally sustainable manner.
- Communicate results of monitoring and analyses with local governments and interested citizens to promote an understanding of our environmental systems and how best to protect them.
- Keep apprised of new regulations, standards, policies and guidance issued by relevant regulatory authorities that impact Agency water use permitting requirements.

- Work closely with Agency staff to complete all assigned strategic goals related to water use permitting requirements.
- Set strategic visions and goals for the Water Use Permitting Departments.

Monitoring and Mitigation Department

The **Monitoring and Mitigation Department** leads and supports the Agency in complying with permit requirements related to the acquisition of hydrologic data and the resolution of domestic well complaints.

The Mitigation Department oversees all aspects of domestic well complaints including working with drillers, consultants and interacting with the District. This department manages and tracks complaints to ensure all policies and procedures are in compliance in with the Board directives, the Agency Water Use Permits, and State and local Health regulations. This department reports to the Monitoring and Mitigation Manager and is responsible for adhering to the mitigation budget.

The **hydrologic technical team** is responsible for all efforts related to the acquisition of hydrology data required by Agency water use and environmental permits. This includes field measurements of surface waters and monitor wells, continuous logging instruments, the maintenance of these appurtenances as well as data entry, quality control and management.

Monitoring and Mitigation Department Goals

- Maintain Agency’s domestic well program to ensure compliance with all permit and agency policy requirements.
- Ensure applicable practices and regulation requirements are implemented and met.
- Be attentive to changes to existing conditions that may affect the Agency.
- Provide oversight and management to ensure annual budget estimates are realized.
- Keep apprised of new regulations, standards, policies and guidance issued by relevant regulatory authorities that impact monitoring and mitigation requirements.
- Complete all assigned strategic goals related to monitoring and mitigation requirements.
- Set strategic visions and goals for the Monitoring and Mitigation department.

Water Quality Services

The **Water Quality Services** is comprised of the Source Water Assessment Department and Laboratory. The Water Quality Services staff is responsible for all water quality sampling and analysis (Laboratory), the hydrobiological monitoring program, compliance with Drinking Water permits, research on drinking water treatment, source water quality assessments, and assists member governments in addressing water quality issues in delivered water and in their distribution systems.

Laboratory Services is responsible for the collection, analyses and reporting for all water quality requirements related to Agency water use permits, environmental permits, discharge permits and drinking water permits. Typical analyses include general chemistry, metals, VOC's, DBP's, anions, and microbiological parameters. As needed, staff support a variety of Agency activities including: Operation challenges related to water quality, Member Government issues and regulatory compliance investigations. Laboratory Services also supports Agency research interests as available. The Laboratory staff maintain state and federal certification for analytical work which includes inspections, reporting and performance testing.

Laboratory Services Department Goals

- Maintain full compliance with all Laboratory certifications.
- Perform analytical work efficiently and cost effectively.
- Ensure applicable laboratory quality control and assurance practices are implemented and met.
- Be attentive to changes including resource quality conditions that may affect the Agency.
- Keep apprised of new regulations, standards, policies and guidance issued by relevant regulatory authorities that impact laboratory performance.
- Complete all assigned strategic goals related to laboratory.
- Set strategic visions and goals for Laboratory Services.

The **Source Water Assessment Department** assists in the acquisition and renewal of, and compliance with, agency drinking water permits, managing the Hydrobiological Monitoring programs, and implementation of source water assessment activities. Staff inspect our facilities and analyze data to assure compliance with these facility permits.

Source Water Assessment Department Goals

- Implement new source water assessment program.
- Maintain compliance with water facility permits to support a reliable water supply system and financial stability for the agency.
- Monitor environmental systems near agency facilities to minimize impacts to water resources and operate our facilities in an environmentally sustainable manner.
- Communicate results of monitoring and analyses with local governments and interested citizens to promote an understanding of our environmental systems and how best to protect them.
- Keep apprised of new regulations, standards, policies and guidance issued by relevant regulatory authorities that impact Agency drinking water permitting requirements.
- Work closely with Agency staff to complete all assigned strategic goals related to drinking water permitting requirements.
- Set strategic visions and goals for the Environmental Permitting Departments.

Decision Support and Planning Department

As part of the reorganization of the Division in October 2016, the Planning Department was merged into the Decision Support Department to create the Decision Support and Planning Department. This Department is responsible for the updating the Long-term Master Water Plan and other agency critical plans or reports. This Department also designs, implements, and maintains water resources optimization tools, hydrological models, decision support systems, system performance and reliability analysis, water demand forecasting models, supply forecasting models and tools all in support of both operational and long range planning. This department created and maintains the Optimized Regional Operations Plan, a one of kind optimization tool for source allocation.

Decision Support and Planning Department Goals

- Update the Long-term Master Water Plan
- Update the Water Shortage Mitigation Plan
- Provide weekly Optimized Regional Operational Plan (OROP) guidance for Water Production Division
- Prepare annual source allocation for annual budgeting process.
- Prepare weekly and monthly assessments of forecasted delivery and source allocation and provide at monthly source rotation meeting
- Provide analytical support to the Operations and Maintenance Section with analyzing source/treatment water quality issues affecting production goal.
- Develop framework for continued data collection and analysis on passive water savings within the service area and how to apply those savings to the long-term demand forecast.
- Complete future needs analysis for long range water supply plan update and Board approval.
- Continue research projects which improve the Agency's understanding of the effects of climate change on assets vulnerability and long term water supplies.
- Implement development of operational level system-wide performance evaluation model.
- Complete revision to long term demand forecasting models.
- Complete annual update for long term demand forecasts for annual budgeting
- Provide as needed assistance to Water Use Permitting Department on CWUP modeling/analysis issues.
- Provide as needed support to Engineering Department.
- Coordinate with Water Use Permitting Department on all compliance issues associated with OROP.
- Coordinate with Water Use Permitting Department on strategy for Recovery Analysis – determine modeling effort and time frame.

Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail

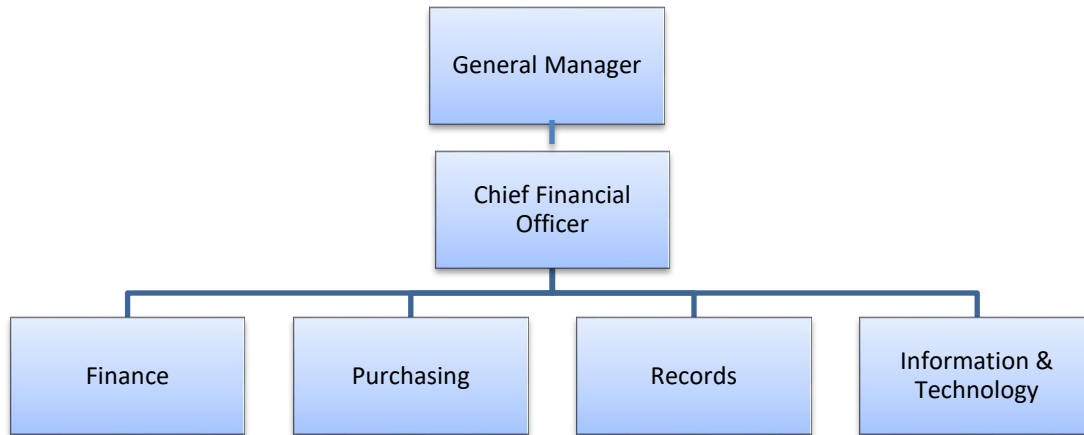
Science & Technical Division	2016	2017	2018	2019	2020	2021
	Actuals	Actuals	Actuals	Actuals	Approved Budget	Proposed Budget
Expenditures:						
41000 Regular Salaries	3,611,162	3,878,928	4,078,408	3,364,285	3,201,500	3,687,800
41410 Overtime	6,063	6,684	4,530	3,078	4,500	3,800
41430 On-call pay	24,193	29,574	14,746	-	2,000	-
42100 FICA	266,982	288,747	301,177	247,908	245,850	283,000
42200 FRS	307,900	356,526	418,825	315,986	312,780	451,500
42300 Life & Health Insurance	539,740	574,390	605,514	583,679	-	-
Total Personnel Services	4,756,041	5,134,849	5,423,200	4,514,936	3,766,630	4,426,100
55100 Office Supplies	-	-	213	101	-	-
55200 Operating Supplies	210,430	307,558	227,585	194,315	250,150	395,106
55260 Computer Software Expense	145,583	223,357	192,508	-	-	-
55400 Books, Pubis, Subsc, Memberships	165,465	164,925	179,308	224,574	239,576	245,331
55500 Training	37,783	36,019	33,995	22,098	34,642	41,016
Total Materials & Supplies	559,260	731,859	633,608	441,089	524,368	681,453
63120 Engineering Services	488,141	723,914	499,525	352,002	900,000	5,000,000
63130 Hydrological Services	493,694	569,034	595,010	457,868	815,500	750,700
63140 Ecological Services	2,982,096	2,475,320	2,479,747	2,459,778	2,521,657	2,619,177
63181 Mitigation	647,067	307,991	10,618	1,143	220,000	100,000
63182 Augmentation	429,041	125,610	38,821	155,523	58,500	210,000
63190 Other Professional Services	1,306,813	1,935,322	2,261,709	1,397,051	4,082,944	5,007,807
63400 Other Services	406,311	525,162	698,708	97,409	338,480	293,400
Total Professional Services	6,753,164	6,662,353	6,584,138	4,920,775	8,937,081	13,981,084

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Divisional Operating Budget Detail

Science & Technical Division	2016	2017	2018	2019	2020	2021
	Actuals	Actuals	Actuals	Actuals	Approved Budget	Proposed Budget
64000 Travel & Per Diem	48,405	40,026	35,982	29,198	55,525	60,225
64005 Mileage & Tolls	11,641	13,996	12,536	6,325	9,700	9,700
64100 Communications Services	730,963	662,819	730,295	362	3,000	-
64120 Freight & Postage Services	5,203	6,028	5,182	6,419	6,000	7,200
64320 Water, Sewer & Other Utilities				1,273		2,400
64600 Repair & Maint-Eq & Grounds	93,989	55,383	103,362	249,074	292,000	293,400
64700 Printing & Binding			-	-	-	-
64810 Advertising	291	198	230	949	5,950	2,600
64990 Other Current Charges	1,528	1,346	1,704	2,717	1,000	1,000
64991 Permits	80,470	91,543	67,250	69,920	82,130	104,135
Total Repairs & Other Services	972,489	871,338	956,543	366,237	455,305	480,660
64400 Rentals & Leases	-	-	-	28,901	50,000	46,000
Total Rent & Insurance	-	-	-	28,901	50,000	46,000
86400 Machinery & Equipment Purchase	432,587	548,441	570,702	288,879	569,200	443,500
86610 Software-To Amortize	495,882	97,820	58,539		-	-
Total Capital Expenditures	928,469	646,261	629,241	288,879	569,200	443,500
GRAND TOTAL	13,969,423	14,046,660	14,226,730	10,560,817	14,302,584	20,058,797

Finance & Administration Division

The **Finance & Administration Division** controls finances, risk and vital records for the Agency. The Division is comprised of four departments; Finance, Purchasing, Records and Information Technology. This Division's goal is to maintain the Agency's financial stability and sustainability. Each department plays a key part in the three objectives; preserve budget predictability annually, explore innovative opportunities to off-set costs and increase revenues and pursue highest bond rating available.



The **Finance Department** manages budget, payroll, accounts payable and receivable, assets, investments, debt management and financial compliance for the Agency. They also assist with the training and maintenance of the accounting software, MUNIS.

Finance Department Goals & Objectives:

- Plan, develop, organize and implement annual budget for FY 2021.
- Accurately and timely prepare payroll and payroll taxes.
- Review and verify invoices for completeness and accuracy.
- Process accurate vendor invoices within 30 days.
- Timely prepare member invoices and year-end reconciliation.
- Track Agency assets, record new assets and properly dispose of old assets.
- Review market conditions to optimize rate of return on investments.
- Record investments and document revenues, gains and losses.
- Maintain proper internal controls and support for financial statement audit.
- Continuously review upcoming FASB/GASB pronouncements.
- Properly follow financial protocol to ensure clean audits.
- Develop & implement a rating metrics plan.

- Ensure compliance of financial and reporting activities with Agency policies, bond covenants, contractual obligations and various state and federal laws, rules and regulations.
- Provide as needed training of the accounting software, MUNIS.
- Coordinate with Information Technology Department upgrades and maintenance of accounting software, MUNIS.

The **Purchasing Department** issues, processes and administers the appropriate solicitations to ensure the availability of all materials and services to support the staff in providing timely treatment and delivery of drinking water, including warehouse inventory. The Purchasing staff ensures that all procurement activities are conducted in compliance with statutes, policies and best value solutions for the Agency.

Purchasing Department Goals & Objectives:

- Streamline current purchase order and contract processing through the use of automated tools and standardization.
- Train purchasing and Agency staff on purchasing regulations, processes and ethics.
- Provide education and information for internal staff and suppliers through the website and intranet to include a new “FAQ” Frequently Asked Questions section.
- Update and develop new contract front-end documents.
- Identify cost savings opportunities through consolidating repetitive items into solicitations.
- Review and update inventory minimum/maximum and replenishment policies.
- Implement auto-replenishment of inventory.
- Achieve cross training of purchasing and warehouse staff to ensure continual customer service.
- Develop and implement criteria for adding and removing items from inventory, ensuring compliance with existing disposal policies and review them for potential updates.
- Oversee Agency storing and coordinate pick up of hazardous waste material according to local, state and federal regulations.

The **Records Department** objective is to efficiently and effectively manage records through their life cycle, and to respond to public records requests and insurance coverages for the Agency.

Records Department Goals & Objectives:

- Coordinate with other Departments on updating Agency policies.
- Develop and implement a process to review requirements of records stored in systems that are slated to be upgraded, replaced or taken out of use.
- Provide electronic records management training for employees.
- Provide as needed training of records software, HP Records Manager.
- Ensure records management requirements are addressed when new or enhanced IT systems are developed or purchased.
- Review developed, purchased or enhanced systems for possibility of automating record-keeping process.
- Ensure electronic records containing confidential or exempt information are maintained, made accessible and disposed of in such a way that the information is not disclosed and, in case of disposal, cannot practicably be read or reconstructed.
- Determine completion dates of contracts and projects to improve disposition of.
- Evaluate files stored at off-site vendor to reduce volume and cost.
- Complete projects relating to real estate files, record drawings and permits.
- Minimize agency liability exposure and to contain costs related to agency insurance coverage.

Information Technology Department

The **Information Technology Department** designs, builds, supports, manages and maintains information technology systems, applications, networks and databases to optimize agency productivity. The primary responsibilities of this department are the efficient management and security of the Agency's data, electronic information and network systems. The department includes three functional areas: Business and Applications, SCADA Administration, and Information Technology Security and Infrastructure.

The Agency completed its Information Technology Strategic Plan which provides the roadmap for the Agency's IT goals and objectives. This plan is the result of a detailed assessment of the Agency's current information technology department.

Information Technology Department Goals

- Develop Disaster Recovery, Business Continuity and Incident Response SOPs
- Complete Domain change (renaming from TBW.Net to Tampabaywater.org)
- Cyber Security
- SOPs and documentation of IT systems
- Document control
- Inventory control

Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail

- Support for Maximo, MUNIS and Aurigo Masterworks
- Maintaining an IT Advisory Committee
- Evaluating IT Strategic Plan – progress made on 2014 recommendations

IT Business and Applications

The IT Business and Applications group creates databases that hold our enterprise data, writes custom software application programs for all other departments of the Agency, such as computerized scientific models and data analysis programs, and provides support of third party software such as MUNIS, Maximo and Aurigo Masterworks. Once a computer program is written, it must be maintained (changed or updated) periodically due to user requests, technology advancement or the changing business needs of the Agency. In addition, IT Applications provides various end user support, such as loading bulk data into our databases, manages our MUNIS financial system, end-user testing, training, and user manuals for custom application programs. The Business and Applications group also provides for the ongoing GIS needs of the agency.

IT Business and Applications Goals:

- Completion of Long-Term Demand Forecast System (LTDFS) database and associated geocoding capabilities.
- Maintenance and documentation of the agency's enterprise database including data acquisition (SCADA, Wireless, Manual, SWFWMD, NOAA, USGS) and QA/QC, support for regulatory compliance reporting and data transfers.
- SCADA renaming project.
- Support for Monthly Operations Report (MOR); Repair and Replacement project; Energy Management application.
- Continued support of MUNIS including extension applications such as Timesheet, Vacation Planner and Budget Manager System to soon be moved to MUNIS Employee Self Service functionality (ESS).
- Updating Agency Vgrid computing system.
- Support for Maximo Linear Asset (GIS) phase and ongoing support for Maximo.

IT Security and Infrastructure

The IT Security and Infrastructure group installs and maintains the Agency's computer hardware (servers, PCs, mobile laptops, printers), data networks (within buildings and between locations), computer operating systems and communication systems. Staff also performs computer maintenance support throughout Tampa Bay Water, including daily and weekly data backups, maintaining our network security systems, and configuring and performing maintenance on our Supervisory Control and Data Acquisition (SCADA) systems.

IT Security and Infrastructure Goals:

- Drafting SOP's to standardize IT processes.

Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail

- Conversion to new domain
- Ongoing evaluation of communication vendors.
- Implementation of new WAN between Cypress Creek and Clearwater.
- Replace of servers and storage at the Clearwater datacenter
- PBX upgrade or replacement
- Managing Agency IT storage requirements

SCADA Systems

The IT SCADA group is responsible for the ongoing development, maintenance and security of the Survalent SCADA system. This includes managing the communications infrastructure.

SCADA Systems Goals:

- Ongoing documentation of the SCADA system.
- Evaluation and testing of methods to modernize infrastructure controls.
- Vendor analysis for replacement of the aging infrastructure.
- Evaluation of Firewall appliances for the SCADA network.
- Implementing the SCADA Master Plan.
- Cyber Security for SCADA system

Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail

Finance & Administration	2016	2017	2018	2019	2020	2021
	Actuals	Actuals	Actuals	Actuals	Approved Budget	Proposed Budget
Expenditures:						
41000 Regular Salaries	1,128,708	1,242,004	1,344,652	2,429,181	2,547,200	2,625,000
41410 Overtime	2,966	1,283	710	1,391	2,500	2,500
41430 On-call pay				19,420	14,000	23,400
42100 FICA	83,624	92,425	99,298	169,551	196,400	203,100
42200 FRS	96,441	1,016,721	1,089,301	2,016,218	248,770	31,020
42300 Life & Health Insurance	199,518	245,401	256,826	434,837		
42500 Unemployment Compensation			-	-	-	-
42600 Other Post Employment Benefits			-	-	-	-
Total Personnel Services	1,511,256	2,597,835	2,790,787	5,070,598	3,008,870	2,885,020
55100 Office Supplies	28,839	23,063	26,839	23,994	42,800	37,000
55200 Operating Supplies	241,133	248,346	266,107	467,155	443,956	425,509
55260 Computer Software Expense	-	-	105	32,386	10,000	1,000
55400 Books, Pubis, Subsc, Memberships	6,262	5,359	5,118	23,290	17,254	22,985
55500 Training	14,033	13,486	23,762	37,787	65,891	66,833
Total Materials & Supplies	290,266	290,255	321,931	584,612	579,901	553,327
63190 Other Professional Services	169,571	125,040	156,473	1,044,370	981,000	1,301,840
63200 Accounting & Auditing	178,500	123,550	100,500	118,500	375,000	181,000
63400 Other Services	20,975	25,022	33,275	963,858	1,173,976	1,429,346
Total Professional Services	369,046	273,612	290,249	2,126,728	2,529,976	2,912,186

Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail

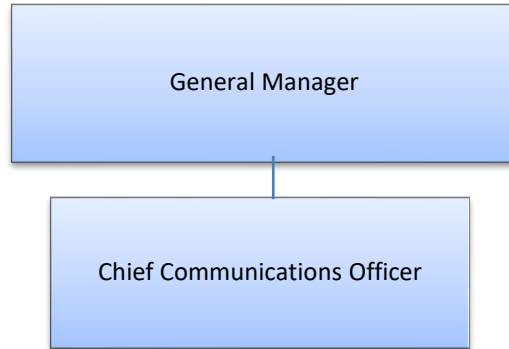
Finance & Administration	2016	2017	2018	2019	2020	2021
	Actuals	Actuals	Actuals	Actuals	Approved Budget	Proposed Budget
64000 Travel & Per Diem	14,478	15,502	21,633	28,879	41,400	50,000
64005 Mileage & Tolls	4,557	4,517	5,091	8,187	12,400	12,000
64100 Communications Services				832,558	766,800	1,028,600
64120 Freight & Postage Services	59,602	59,012	41,697	39,016	66,725	68,725
64600 Repair & Maint-Eq & Grounds	1,504	-	450	410	21,600	16,000
64700 Printing & Binding	12,719	11,721	11,580	12,916	14,000	20,500
64800 Promotional Activities	429	700	480	60	1,200	1,200
64810 Advertising	1,237	1,205	1,168	2,486	2,200	2,500
64990 Other Current Charges	25,184	29,323	177,932	149,032	130,340	7,740
Total Repairs & Other Services	119,710	121,979	260,030	1,073,543	1,056,665	1,207,265
64400 Rentals & Leases	230,594	230,983	112,382	116,424	339,000	117,800
64500 Insurance	1,327,864	1,285,979	1,156,827	1,273,806	1,477,500	1,687,500
Total Rent & Insurance	1,558,458	1,516,962	1,269,209	1,390,230	1,816,500	1,805,300
86100 Land Acq Cost-Purchase	-	-	-	25,000	10,000	-
86110 Land Acq Cost-Legal	-	-	-	2,500	2,500	-
86190 Land Acq Cost-Other	300	-	-	1,000	1,000	1,000
86400 Machinery & Equipment Purchase	32,998	5,771	24,167	42,600	158,000	155,000
86610 Software-To Amortize	-	-	-		180,000	-
Total Capital Expenditures	33,298	5,771	24,167	71,100	351,500	156,000

Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail

Finance & Administration	2016	2017	2018	2019	2020	2021
	Actuals	Actuals	Actuals	Actuals	Approved Budget	Proposed Budget
77240 Interest Bonds	42,202,306	40,334,335	38,838,614	37,252,277	35,558,314	33,317,840
77250 Issue Costs Bonds	387,269					
87114 Principal 2004 Bonds	11,770,000	16,925,000	13,535,000	5,005,000	-	
87116 Principal 2005 Bonds	5,410,000	1,155,000	5,505,000	15,030,000	21,140,000	22,290,000
87117 Principal 2006 Bonds	355,000	-	-	-	-	
87140 Principal 2011 Bonds	10,115,000	10,615,000	11,140,000	11,710,000	12,290,000	12,915,000
87141 Principal 2011A Bonds	30,000	35,000	35,000	35,000	35,000	40,000
87142 Principal 2011 B Bonds	175,000	-	-	-	-	
87145 Principal 2015B Bonds	775,000	835,000	845,000	855,000	870,000	890,000
87147 Principal 2016B Bonds	195,000	230,000	235,000	235,000	240,000	245,000
87XXX-Placeholder for 2020 Refinance						396,000
Total Debt Service	71,414,576	70,129,335	70,133,614	70,122,277	70,133,314	70,093,840
77250 Interest Facility Purchase	4,808,120	4,542,913	4,263,601	3,968,187	3,653,140	3,322,245
87125 Principal Payment Facility Acq.	5,423,438	5,688,644	5,967,957	6,263,370	6,578,418	6,909,312
Total Acquisition Credits to Members	10,231,558	10,231,558	10,231,558	10,231,558	10,231,558	10,231,558
82820 Renewal & Replacement Reserve Fund	3,155,183	3,242,539	5,110,867	4,495,413	4,500,000	3,000,000
82870 Capital Improvement Funding	4,592,553	5,158,861	1,061,977	5,356,933	2,200,000	1,500,000
Total Reserve Funding	7,747,736	8,401,400	6,172,844	9,852,346	6,700,000	4,500,000
GRAND TOTAL	93,275,903	93,568,705	91,494,389	100,522,991	96,408,283	94,344,496

Public Affairs Division

The **Public Affairs Division** develops and executes strategic initiatives to advocate for the agency and its members; build and maintain the agency reputation; and provide education, information and outreach on agency projects, programs and policies to stakeholders. The Division includes Public Communications and Intergovernmental Affairs.



Public Communications develops and executes strategic communications programs that support and promote agency projects, policies and initiatives, and builds and maintains relationships with stakeholders. The department is responsible for communicating the agency’s messages through the media, the agency’s website and social media sites, speaker’s bureau presentations and through our employee communications program.

Public Communications Department Goals & Objectives:

- Complete the agency’s annual report to the legislature, board members, local water utility managers, water utility consultants and other interested stakeholders.
- Implement the agency’s spring dry season communications program.
- Implement the annual water wise awards program and source water protection mini grant program communications.
- Manage relationships with news media by responding to information and interview requests, preparing Agency staff for responding to news media inquiries through training and preparing key messages, and generating news story interest.
- Manage direct communications with the general public including facility tours and Speakers Bureau coordination, and in-person, telephone and email communications.
- Manage the agency’s digital/Web/online communication channels including all Agency websites, e-newsletters, social media, mobile and intranet.
- Maintain standards to ensure that communications activities are consistent with the Amended and Restated Inter-local Agreement, Master Water Supply Contract and the Agency Strategic Plan.

Intergovernmental Affairs advocates for agency legislative, funding and regulatory initiatives through strategy development, relationship building, member government support and inter-agency coordination. The department is responsible for communicating agency positions with federal and state legislators, regulatory and policy agencies, and government officials and their staff. The department implements intergovernmental and grant funding initiatives and helps to implement intergovernmental and funding agreements.

Intergovernmental Affairs Department Goals & Objectives:

- Inform federal, state, and regional decision-makers about Tampa Bay Water accomplishments and needs. Provide them with assistance and expertise on water supply policies, water management needs, and technical topics.
- Include Tampa Bay Water's future funding needs in federal, state, and regional water policy and infrastructure funding discussions.
- Support approved federal and state legislation and policies which may positively affect Tampa Bay Water. Oppose approved federal and state legislation and policies that may negatively impact Tampa Bay Water.
- Support regulatory agency policies and rules that benefit Tampa Bay Water. Oppose regulatory agency policies and rules that would be negative for Tampa Bay Water.
- Work with our member governments to understand the issues they face at the local level and to enhance their knowledge of regional water issues.
- Participate in national and state professional organization efforts to promote beneficial federal, state, and regional water policies and drinking water supply funding opportunities.

Tampa Bay Water – 2021 Annual Budget
Divisional Operating Budget Detail

Public Affairs	2016	2017	2018	2019	2020	2021
	Actuals	Actuals	Actuals	Actuals	Approved Budget	Proposed Budget
Expenditures:						
41000 Regular Salaries	304,009	295,794	351,183	364,958	352,500	454,300
42100 FICA	22,476	22,019	25,934	27,594	27,100	34,800
42200 FRS	25,921	27,929	34,485	52,599	54,100	75,200
42300 Life & Health Insurance	26,014	40,976	37,392	54,322	-	-
Total Personnel Services	378,420	386,718	448,994	499,474	433,700	564,300
55100 Office Supplies	352	260	582	-	750	750
55200 Operating Supplies	715	3,120	4,058	6,564	11,000	26,000
55260 Computer Software Expense			2,999	3,367	4,000	-
55400 Books, Pubis, Subsc, Memberships	13,653	13,816	19,665	29,550	25,585	30,885
55500 Training	2,486	6,269	2,525	5,347	6,000	6,750
Total Materials & Supplies	17,206	23,465	29,829	44,828	47,335	64,385
63190 Other Professional Services	212,224	284,870	390,086	220,307	272,500	272,500
63400 Other Services	42,920	41,252	49,179	93,722	117,300	75,800
Total Professional Services	255,144	326,123	439,265	314,029	389,800	348,300
64000 Travel & Per Diem	1,822	2,389	5,453	806	6,500	8,000
64005 Mileage & Tolls	654	995	1,543	1,340	1,500	1,500
64120 Freight & Postage Services	591	539	2,407	3,956	4,000	2,500
64600 Repair & Maint-Eq & Grounds			1,027	-	-	-
64700 Printing & Binding	9,883	13,803	20,439	23,754	27,500	21,500
64800 Promotional Activities	43,253	74,680	99,797	123,261	119,500	99,500
64810 Advertising	1,808	20,669	168,133	9,838	80,000	80,000
64990 Other Current Charges	108	222	1,394	1,132	-	-
Total Repairs & Other Services	58,120	113,298	300,193	164,086	239,000	213,000
86400 Machinery & Equipment Purchase	-	-	3,257	101,712	20,000	20,000
Total Capital Expenditures	-	-	3,257	101,712	20,000	20,000
GRAND TOTAL	708,889	849,603	1,221,537	1,124,129	1,129,835	1,209,985

Summary of Contracts and Resolutions

Fiscal Year 2021

The Summary of Contracts and Resolutions section provides key contractual requirements of the Master Water Supply Contract, the Amended and Restated Interlocal Agreement, and the Master Bond Resolution.

Tampa Bay Water - 2021 Annual Budget Summary of Contracts and Resolutions

Tampa Bay Water activities are governed primarily by two agreements with the Member Governments:

- The Amended and Restated Interlocal Agreement and
- The Master Water Supply Contract

Activities and budgetary considerations are further influenced by the Master Bond Resolution.

The fiscal year 2021 budget is developed within the framework of these agreements. This section provides key terms and conditions of the agreements.

Amended and Restated Interlocal Agreement:

1. Section 2.08 - Annual Budget

- (A) Prior to July 1 of each year, the General Manager shall prepare and deliver to the Board a balanced tentative budget for Tampa Bay Water covering its operating and other financial requirements for the ensuing fiscal year. The tentative budget shall identify (1) the rate at which Quality Water will be sold to Members Governments' during such fiscal year, and (2) the rate to be charged to Tampa for water provided through the Tampa Bypass Canal pumping facility during such fiscal year.
- (B) The Board shall publish a notice of its intention to adopt the budget and shall provide copies of the notice and tentative budget to each Member Government on or before the first publication date. The notice shall be published once a week for two consecutive weeks within thirty days of the public hearing, the last insertion of which shall appear not less than one week prior to the date set by the Board for the hearing on the budget and rates.
- (C) At the time, date and place specified in the notice, the Board shall conduct a public hearing and thereafter may consider adoption of the budget and rates with any amendments it deems advisable. Unless otherwise authorized by the Board, the final budget and rates shall be adopted by August 1.

2. Section 3.03 - Obligation to meet Water Needs

This section includes the following key requirements:

- (A) The Agency has the absolute and unequivocal obligation to meet the Quality Water needs of the Member Governments.
- (B) The Agency shall oppose any permit, order, rule or other regulatory effort to reduce or limit the permitted capacity of its Water Supply Facilities, unless the reduction or limitation results from an agreement to which all Member Governments are parties, or the reduction or limitation will not become effective until adequate Replacement Capacity has been placed in service.
- (C) The General Manager shall actively monitor the relationship between the quantity of Quality Water actually delivered by the Authority to the Member Governments and the aggregate permitted capacity of the Agency's production facilities.

**Tampa Bay Water - 2021 Annual Budget
Summary of Contracts and Resolutions**

1. If the actual delivery of Quality Water to the Members exceeds 75 percent of the aggregate permitted capacity of the Agency's production facilities, the General Manager shall report to the Board and recommend that the Agency initiate preparation of Primary Environmental Permit applications necessary to ensure an adequate supply.
2. If the actual delivery of Quality Water to the Members exceeds 85 percent of the aggregate permitted capacity of the Agency's production facilities, the General Manager shall report to the Board and recommend that the Agency file Primary Environmental Permit applications necessary to ensure an adequate supply.

(D) It is acknowledged and agreed that the Water delivered by the Authority (1) from the South Central Hillsborough Wellfield to the Lithia Water Treatment Plant, (2) from the Starkey and North Pasco Wellfields to the Maytum Water Treatment Plant, (3) from the Starkey and North Pasco Wellfields to the Little Road Water Treatment Plant, (4) from the Eldridge-Wilde Wellfield to the Keller Water Treatment Plant, (5) from the Cosme-Odesa Wellfield to the Cosme Water Treatment Plant, (6) from the Morris Bridge Wellfield to the Morris Bridge Water Treatment Plant, and (7) from the Tampa Bypass Canal to the Hillsborough River Reservoir, will not meet the standards for Quality Water.....the Member Governments receiving such water....will be entitled to a credit against the uniform rate.

3. Section 3.04 - Uniform Rate

Tampa Bay Water shall establish a single uniform rate for the sale of quality water to Member Governments subject to the following adjustments:

- (1) Actual direct costs to perform the additional treatment required to meet the standard for quality water;
- (2) If a Member Government requests Tampa Bay Water provide other treatment beyond what is necessary to meet quality water standards;
- (3) Credits for transferred assets assuming each Member has elected to receive a credit, inclusive of interest, shall be applied against the water rate over 30 years;

The rate for the sale of quality water to Member Governments shall be established for each fiscal year in Tampa Bay Water's annual budget.

4. Section 3.08(D) - Surface Water Sources

Notwithstanding the provisions of Section 3.04 hereof, the rate charged to City of Tampa for water provided through the Tampa Bypass Canal Pumping Facility will be equal to Tampa Bay Water's direct cost and allocated overhead.

**Tampa Bay Water - 2021 Annual Budget
Summary of Contracts and Resolutions**

Master Water Supply Contract:

1. Section 8 - Authority's Agreement to Provide Water Service

This section of the contract provides that:

(A) The Agency shall sell and deliver sufficient Quality Water to the Member Governments to meet their needs and the Member Governments shall purchase and receive the Quality Water delivered.

(B) The Agency shall be in default under the contract if it fails to supply the Quality Water needs of the Member Governments, except when due to force majeure.

2. Section 13-Rate

The following excerpts are fundamental to the budget process.

(B) Rates in effect each fiscal year shall be sufficient to pay the annual estimate established by Tampa Bay Water. Monthly charges for such water service are based on the rate approved by Tampa Bay Water and total volume of quality water delivered to such Member Governments by Tampa Bay Water.

(C) The rate to be charged may include the following components:

- Operation, Maintenance, and Administrative costs;
- Debt service charges;
- Renewal and Replacement charges;
- Bond coverage costs;
- Capital Improvement charges;
- Operating Reserve Funds;

(D) The Member Governments agree that Tampa Bay Water may establish a rate stabilization fund. Operation, Maintenance and Administrative costs and/or Operating Reserve Funds may be utilized by Tampa Bay Water to fund such Rate Stabilization Fund.

(E) Annual True-up: Following the end of each fiscal year, an annual adjustment in the fixed costs component of bills paid during that fiscal year shall be computed on the basis of:

- The fixed costs which are provided in the Annual Estimate in effect during the fiscal year then ended
- The actual amount of quality water delivered to each of the Member Governments during the fiscal year then ended

(F) Carry Forward: Any unencumbered monies of Tampa Bay Water present at the end of the fiscal year shall be budgeted by Tampa Bay Water for the succeeding fiscal year and shall be utilized for the same purposes for which rates are charged by Tampa Bay Water.

**Tampa Bay Water - 2021 Annual Budget
Summary of Contracts and Resolutions**

Monthly Billing

In accordance with the Master Water Supply Contract provisions, Tampa Bay Water bills the Member Governments for the Quality Water delivered to them on a monthly basis. The monthly bill could include Fixed costs, Variable costs, annual credits to Member Governments for the purchase of water supply facilities by Tampa Bay Water, water quality credits for treatment of Hydrogen Sulfide, and any other credit(s)/surcharge(s) as authorized by the Board.

A brief discussion of how the Fixed Costs, Variable Costs, and the costs associated with the water delivered to Tampa from the Tampa Bypass Canal are calculated and billed to the Member Governments is presented below:

Fixed Costs

Each Member Government is required to pay monthly an amount equal to one-twelfth of the Fixed Costs provided in the Annual Estimate times “A” divided by “B”, where “A” equals the amount of Quality water delivered to such Member Government during the previous fiscal year and “B” equals the total amount of Quality Water delivered to all Member Governments during such fiscal year.

Monthly Fixed Costs Billed to the Member Government	=	Total Fixed Costs 12	X	$\frac{\text{Amount of Quality Water consumed by Member Government during the prior Fiscal Year (A)}}{\text{Total Amount of Quality Water consumed by all Member Governments during the prior Fiscal Year (B)}}$
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As indicated above, Tampa Bay Water allocates the Fixed Costs to each Member Government based on that Member Government’s share of the total Quality Water delivered to all Member Governments during the prior fiscal year. The annual Fixed Costs allocated to the Member Government is billed in twelve equal monthly installments. Following the end of each fiscal year, Tampa Bay Water is required to perform an annual true-up of the budgeted Fixed Costs components of bills paid during that fiscal year based on the actual amount of Quality Water delivered to each Member Government during the fiscal year then ended.

Variable Costs

Each Member Government is required to pay monthly an amount equal to the amount of Quality Water consumed by the Member Government during the prior month times the Uniform Rate (\$/1,000 gallons) then in effect times “C” divided by “D”, where “C” equals the Variable Costs and “D” equals the Annual Estimate (the net annual revenue requirements for the purposes of billing) then in effect.

Monthly Variable Costs Billed to the Member Government	=	Amount of Monthly Quality Water Consumed Prior Month	X	Uniform Rate	X	$\frac{\text{Total Variable Costs (C) [total variable costs included in the approved annual budget for the current Fiscal Year]}}{\text{Total Annual Estimate (D) [the net annual revenue requirements for the current Fiscal Year]}}$
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Since the budgeted Variable Costs are allocated to the Member Governments based on their actual consumption of Quality Water, there is no requirement in the Interlocal Agreement or the Master

**Tampa Bay Water - 2021 Annual Budget
Summary of Contracts and Resolutions**

Water Supply Contract to perform an annual true-up of Variable Costs at the end of the fiscal year. Tampa Bay Water recognizes that the actual annual revenues (Variable Costs element only) may be different from the budgeted Variable Costs, if the actual amount of Quality Water delivered to the Member Governments for the given fiscal year is different from the projected amount of Quality Water used for the rate calculation for such fiscal year. Any overage or shortage in actual revenues as a result of this contractual provision is not expected to be material since the Variable Costs are expected to change in direct proportion to changes in the volume of Quality Water delivered to the Member Governments.

Surface Water Source(s)

In accordance with Section 3.08(D) of the Interlocal Agreement, Tampa Bay Water is required to charge a separate rate for water delivered to the City of Tampa from the Tampa Bypass Canal facility. The rate charged to the City of Tampa is equal to Tampa Bay Water's direct cost plus Allocated Overhead associated with the Tampa Bypass Canal facility and is established as part of the annual budget development process. A unit rate (\$/1,000 gallons) is determined for the water delivered to the City of Tampa from the Tampa Bypass Canal facility, based on the projected quantity of water to be delivered to the City of Tampa from the Tampa Bypass Canal facility during the fiscal year. Tampa Bay Water bills the City of Tampa on a monthly basis for the actual amount of water consumed from the Tampa Bypass Canal facility for the prior month.

In summary, a wholesale water rate is calculated as part of the annual estimate. Each Member pays their pro-rata share of Fixed and Variable Costs based on their water usage. Those Member Governments facing reductions in permitted supply or rapid population growth will share regionally the cost of developing new water supplies. Voting rights are equitably balanced among the three counties.

**Tampa Bay Water - 2021 Annual Budget
Summary of Contracts and Resolutions**

Master Bond Resolution 98-07TBW

Section 1.01 Definitions.

“Reserve Account Requirement” shall mean, as of any date of calculation for the Reserve Account, an amount equal to the lesser of (1) Maximum Annual Debt Service for all Outstanding Bonds, (2) 125% of the average Annual Debt Service for all Outstanding Bonds, or (3) the maximum amount allowed to be funded from proceeds of tax-exempt obligations and invested at an unrestricted yield pursuant to the Code; provided, however, the Issuer may establish by Supplemental Resolution a different Reserve Account Requirement for a subaccount of the Reserve Account which secures a Series of Bonds pursuant to Section 4.05(B)(4) hereof. In computing the Reserve Account Requirement in respect of a series of Bonds that constitutes Variable Rate Bonds, the interest rate on such Bonds shall be assumed to be (A) if such Variable Rate Bonds have been Outstanding for at least 24 months prior to the date of calculation, the highest average interest rate borne by such Variable Rate Bonds for any 30-day period, and (B) if such Variable Rate Bonds have not been Outstanding for at least 24 months prior to the date of calculation, the Bond Buyer Revenue Bond Index most recently published prior to the time of calculation. The time of calculation for Variable Rate Bonds shall be each March 1.

Section 1.04. Findings.

(L) That the estimated Gross Revenues to be derived in each year hereafter from the operation of the System will be sufficient to pay all the Operating Expenses, the principal of and interest on the Bonds to be issued pursuant to this Resolution, as the same become due and all other payments provided for in this Resolution.

Section 4.04. Creation of Funds and Accounts. The Issuer covenants and agrees to establish with a bank, trust company or such other entity in the State, which is eligible under the laws of the State to be a depository for its funds the following funds and accounts:

- (A) The “Tampa Bay Water Utility System Revenue Fund.” The Issuer shall maintain two separate accounts in the Revenue Fund: The “Revenue Account” and the “Rate Stabilization Account.”
- (B) The “Tampa Bay Water Utility System Operation, Maintenance and Administration Fund.”
- (C) The “Tampa Bay Water Utility System Sinking Fund.” The Issuer shall maintain four separate accounts in the Sinking Fund: the “Interest Account,” the “Principal Account,” the “Term Bonds Redemption Account” and the “Reserve Account.”
- (D) The “Tampa Bay Water Utility System Renewal and Replacement Fund.”
- (E) The “Tampa Bay Water Utility System Capital Improvement Fund.”
- (F) The “Tampa Bay Water Utility System Utility Reserve Fund.”
- (G) The “Tampa Bay Water System Rebate Fund.”

Section 4.06 Capital Improvement Fund. The Issuer shall deposit into the Capital Improvement Fund all Capital Improvement Charges as received and such Capital Improvement Charges shall be accumulated in the Capital Improvement Fund and applied by the Issuer in the following manner and order of priority:

**Tampa Bay Water - 2021 Annual Budget
Summary of Contracts and Resolutions**

(A) For the payments on or prior to each principal and interest payment date (in no event earlier than the 25th day of the month next preceding such payment date) into the Interest account, the Principal Account and the Term Bonds Redemption Account when the moneys therein are insufficient to pay the principal of and interest on the Bonds coming due, but only to the extent moneys transferred from the Utility Reserve Fund, the Reserve Account, the Renewal and Replacement Fund and the Rate Stabilization Account for such purpose pursuant to Section 4.05(B)(7), 4.05(B)(4), 4.05(B)(5) and 4.08, respectively, hereof shall be inadequate to fully provide for such insufficiency. Any moneys transferred to the aforementioned accounts described above shall be repaid from Gross Revenues and described in Section 4.05(B)(7) hereof on or prior to the date such amounts are needed for the purposes described in Sections 4.06(B) hereof.

Section 5.03. Annual Budget. The issuer shall prepare and adopt, prior to the beginning of each Fiscal Year, an Annual Budget in accordance with any applicable law. No expenditure for Operating Expenses of the System shall be made in any Fiscal Year in excess of the aggregate amount provided for Operating Expenses in the Annual Budget, (A) without a written finding and recommendation by an Authorized Issuer Officer, which finding and recommendation shall state in detail the purpose of and necessity for such increased expenditures, and (B) until the Governing Body shall have approved such finding and recommendation by resolution.

Section 5.04. Rates. For the Fiscal Year commencing October 1, 1998 and for each Fiscal Year thereafter, the Issuer shall fix, establish, maintain and collect such rates, fees and charges for the product, services and facilities of its System, and revise the same from time to time, whenever necessary, so as always to provide in each Fiscal Year:

- (A) Net Revenues, together with the Fund Balance, equal to at least 125% of the Annual Debt Service becoming due in such Fiscal Year; provided
- (B) Such Net Revenues shall be adequate at all times to pay in each Fiscal Year at least 100% of (1) the Annual Debt Service becoming due in such Fiscal Year, (2) any amounts required by the terms hereof to be deposited in the Reserve Account or with any issuer of a Reserve Account Letter of Credit or Reserve Account Insurance Policy in such Fiscal Year, (3) any amounts required by the terms hereof to be deposited in the Renewal and Replacement Fund in such Fiscal Year, and (4) any amounts required by the terms of Section 4.06(A) hereof to be repaid to the Capital Improvement Fund in such Fiscal Year.

Such rates, fees or other charges shall not be so reduced so as to be insufficient to provide adequate Net Revenues for the purposes provided therefore by this Resolution.

Section 5.11. Enforcement of Charges. The Issuer shall promptly bill the Member Governments for water consumed by such Member Governments in accordance with the terms of the Master Water Supply Contract. The Issuer shall compel the prompt payment of rates, fees and charges imposed in connection with the System, and to that end will vigorously enforce all of the provisions of the Master Water Supply Contract and any other agreement in may enter into for the supply of water.

Section 5.12. Amendments to Interlocal Agreement and Master Water Supply Contract. The Issuer agrees that it will not make any amendment or modification to the Master Water Supply Agreement which, in its judgment, will materially adversely affect the rights or security of the Holders of the Bonds. The Issuer acknowledges that the Member Governments agreed in the Master Water Supply Contract not to make any amendment to the Interlocal Agreement which would materially

**Tampa Bay Water - 2021 Annual Budget
Summary of Contracts and Resolutions**

adversely affect the rights or security of the Holders of the Bonds. The Issuer agrees to enforce the aforementioned provisions in order to protect the rights and security of the Bondholders.

Section 5.14. Consulting Engineers. The Issuer shall at all times employ Consulting Engineers, whose duties shall be to make any certificates and perform any other acts required or permitted of the Consulting Engineers under this Resolution, and also to review the construction and operation of the System, to make an inspection of the System at least once every three years, and to submit to the Issuer a report with respect to each such inspection with recommendations as to the proper maintenance, repair and operation of the System during the ensuing Fiscal Year(s), including recommendations for expansion and additions to the System to meet anticipated service demands and an estimate of the amount of money necessary for such purposes. The Consulting Engineers shall annually recommend the amount of the Renewal and Replacement Fund Requirement. Copies of such reports, recommendations and estimates made as herein above provided shall be filed with the Issuer for inspection by Bondholders, if such inspection is requested, and shall be mailed to any Member Government requesting the same.

Appendix

Fiscal Year 2021

The Appendix includes a schedule of key dates for the budget process for fiscal year 2021. It also provides demographic and statistical information for Tampa Bay Water's service area, and information to assist the Member Governments in the planning of their annual budgets.

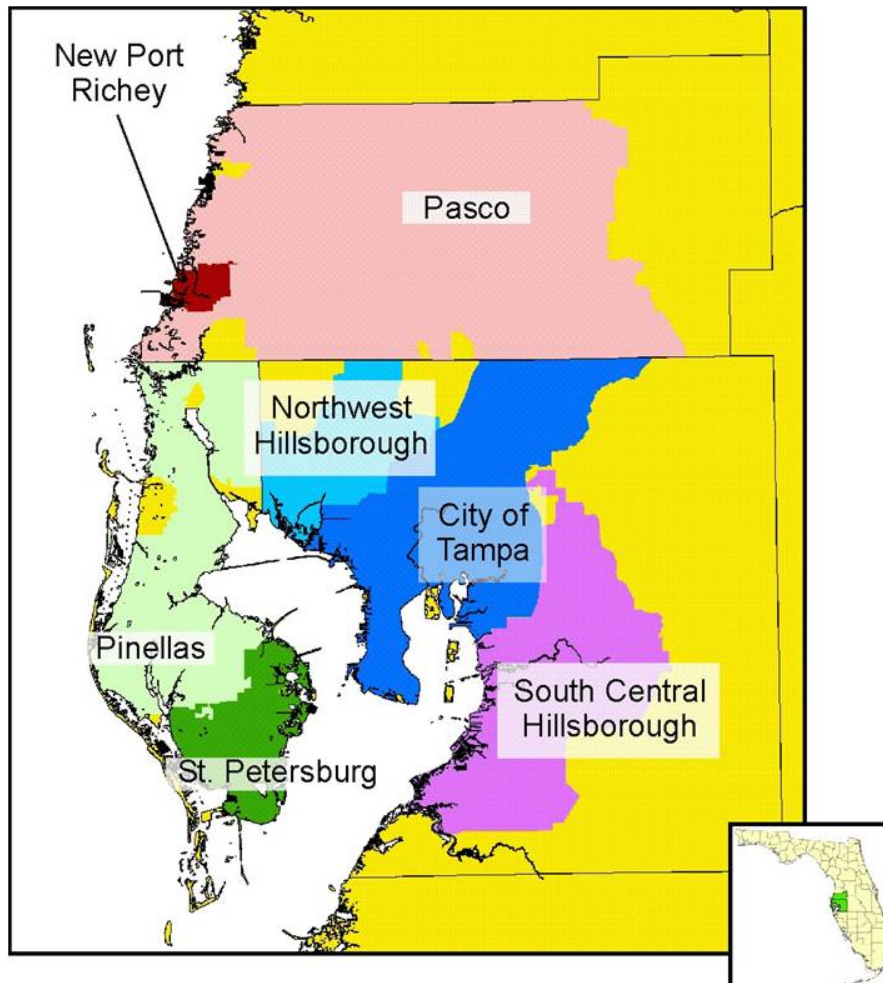
Tampa Bay Water – 2021 Annual Budget Appendix

Tampa Bay Water Service Area Demographics and Statistical Information

Development of Tampa Bay Water’s annual budget is largely based on member annual and monthly water demand forecasts. Demographic and statistical information is used to forecast annual and long-term water demand for the Tampa Bay Water service area.

Tampa Bay Water currently divides its service area into seven geographic sub-areas associated with distinct members:

- City of New Port Richey
- Pasco County
- Pinellas County
- City of St. Petersburg
- Northwest Hillsborough and South-Central Hillsborough¹
- City of Tampa

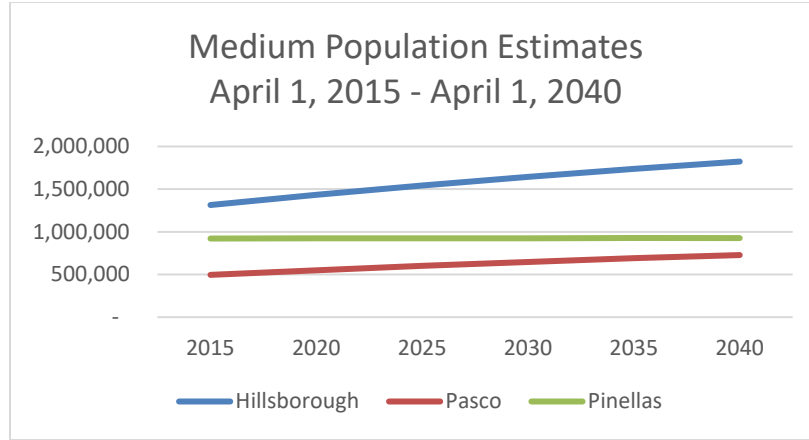


¹ Northwest Hillsborough and South-Central Hillsborough are parts of the Hillsborough County service area but are geographically split by the City of Tampa service area.

**Tampa Bay Water – 2021 Annual Budget
Appendix**

Population

Part of forecasting water demand for Tampa Bay Water’s service area involves obtaining population growth projections for the region.



Source: B.E.B.R.

The medium county-level population projection from the Bureau of Economic and Business Research (BEBR) at the University of Florida, show relatively high population growth in Pasco and Hillsborough Counties and no significant growth in Pinellas County, which affects regional water demand forecasts.

Households

Tampa Bay Water also utilizes housing information to estimate growth and to determine drivers of residential users. Census and housing information obtained from BEBR further illustrates the high growth in Hillsborough and Pasco Counties, while growth in Pinellas has declined.

	Census April 1, 2000		Census April 1, 2010		Est. April 1, 2017	
	Households	Average Household Size	Households	Average Household Size	Households	Average Household Size
FLORIDA	6,338,075	2.46	7,420,802	2.48	8,125,176	2.47
Hillsborough	391,357	2.51	469,660	2.55	474,030	2.54
Pasco	147,567	2.30	189,612	2.42	206,036	2.42
Pinellas	414,974	2.17	415,876	2.16	439,880	2.14

	Numerical Change			
	Households		Average Household Size	
	2000-2010	2010-2017	2000-2010	2010-2017
FLORIDA	1,082,727	704,343	0.02	-0.01
Hillsborough	82,673	58,470	0.04	-0.01
Pasco	42,045	16,424	0.12	0
Pinellas	902	24,004	-0.01	-0.02

	Percentage Change			
	Households		Average Household Size	
	2000-2010	2010-2017	2000-2010	2010-2017
FLORIDA	17.1	9.5	0.8	-0.4
Hillsborough	21.1	12.3	1.6	-0.4
Pasco	28.5	8.7	5.2	0.0
Pinellas	0.2	5.8	-0.5	-0.9

Source: B.E.B.R.

Tampa Bay Water – 2021 Annual Budget Appendix

Climate Data

One of the many elements used in determining long term demand forecasts is meteorological information. Tampa Bay Water uses historical weather data, including daily rainfall totals and maximum daily temperatures that are collected from multiple National Oceanic and Atmospheric Administration (NOAA), United States Geological Survey (USGS), and Tampa Bay Water weather recording stations dispersed across the Tampa Bay Water service area. The chart below shows the points that were used to develop Tampa Bay Water’s Long-Term Demand Forecast Model.

Weather Stations Used in Modeling

Station	Owner	County	Beginning of Period of Record	Rainfall Data Used for Modeling Period?	Temperature Data Used for Modeling Period?	Rainfall Data Used for Long-Term Weather?	Temperature Data Used for Long-Term Weather?
S21-21-10	TBW	Hillsborough	10/1/1984	✓			
CYB-CY-7 RAIN	TBW	Pasco	10/4/1988	✓			
CYB-TOT RAIN	TBW	Pasco	2/21/1986	✓			
CYC-C-3 RAIN	TBW	Pasco	9/1/1976	✓			
CYC-N. GATE RAIN	TBW	Pasco	11/1/1985	✓			
CYC-PLANT RAIN	TBW	Pasco	5/2/1976	✓			
NEB-DAYS INN RAIN	TBW	Hillsborough	10/1/1988	✓			
NOP-NP-RAIN	TBW		4/9/1990	✓			
NWH-NW-5 RAIN	TBW	Hillsborough	10/1/1983	✓			
SCH-SC-1 RAIN	TBW	Hillsborough	3/1/1985	✓			
STK-14 RAIN	TBW	Pasco	10/4/1988	✓			
STK-RAIN EAST	TBW	Pasco	2/13/1986	✓			
STK-WEST - STK PLANT	TBW	Pasco	7/1/1982	✓			
KPIE (St. Pete/Clearwater Airport) *	NOAA	Pinellas	1/1/1893	✓			
KSPG (Albert Whitted Airport)	NOAA	Pinellas	7/1/1966	✓	✓	✓	✓
KTPA (Tampa International Airport)	NOAA	Hillsborough	1/2/1933	✓	✓	✓	✓
MB RN USGS	USGS	Hillsborough	10/15/1993	✓			
St Leo Rainfall	NOAA	Pasco	1/1/1902	✓	✓	✓	✓
Ruskin NWS	NOAA	Hillsborough	11/1/2001	✓			
Tarpon Springs Rainfall	NOAA	Pinellas	7/3/1948	✓	✓	✓	✓
Plant City#	NOAA	Hillsborough	2/1/1903 ^		✓		✓

* Despite the long period-of-record, KPIE could not be used as a long-term station because of a significant gap of missing records spanning 6/30/1966 to 10/23/2002.

Plant City was not used in developing modeling-period and long-term rainfall estimations because it was located outside the service area, while other rainfall stations were available within the eastern service area. However, Plant City was used in developing modeling-period and long-term temperature estimations because it was the only station near the southeastern service area with temperature data covering both the modeling period and the long-term weather period.

^ The earliest month with complete temperature data for Plant City was February 2003.

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The following climatic information is based on data collected from weather stations used in Tampa Bay Water’s Long-Term Demand Forecast Model.

Long-Term Normal Weather Values by Water Demand Planning Area (WDPA) and Month-Of-Year							
Mean Maximum Daily Temperature							
	Pasco Co.	New Port Richey	NW Hillsborough Co.	SC Hillsborough Co.	City of Tampa	Pinellas Co.	City of St. Petersburg
Jan	70.919	70.346	70	70.249	70.049	69.849	68.81
Feb	73.8	72.969	72.606	72.944	72.672	72.454	71.422
Mar	78.113	77.328	76.947	77.201	76.993	76.783	75.669
Apr	82.844	81.799	81.585	81.817	81.655	81.397	80.425
May	88.518	87.216	87.27	87.447	87.387	87.009	86.096
Jun	90.968	90.34	90.078	90.138	90.068	89.993	89.366
Jul	91.795	91.409	90.863	90.972	90.784	90.913	90.477
Aug	91.624	91.471	90.838	90.8	90.717	90.858	90.155
Sep	90.013	89.878	89.357	89.268	89.26	89.308	88.448
Oct	85.036	84.905	84.477	84.395	84.41	84.385	83.456
Nov	79.133	78.945	78.543	78.516	78.507	78.412	77.351
Dec	73.035	72.871	72.357	72.498	72.328	72.295	71.382
Annual Avg.	82.983	82.456	82.077	82.187	82.069	81.971	81.088
Mean Number of 0.01-inch Rainy Days							
	Pasco Co.	New Port Richey	NW Hillsborough Co.	SC Hillsborough Co.	City of Tampa	Pinellas Co.	City of St. Petersburg
Jan	7.542	7.877	6.869	6.627	6.59	6.945	6.164
Feb	4.994	6.394	5.532	5.378	5.343	5.741	5.211
Mar	6.42	6.794	6.156	5.952	5.982	6.18	5.495
Apr	4.104	4.543	4.158	3.997	4.066	4.14	3.521
May	4.566	4.112	4.364	4.329	4.437	4.159	3.79
Jun	12.191	10.572	10.721	10.587	10.705	10.393	9.803
Jul	15.096	14.548	14.088	13.893	13.93	13.993	13.288
Aug	15.34	14.302	14.562	14.411	14.611	14.246	13.515
Sep	11.745	11.527	11.364	11.352	11.302	11.39	11.409
Oct	5.462	5.594	5.264	5.123	5.174	5.243	4.733
Nov	4.653	5.288	4.592	4.4	4.419	4.662	4.003
Dec	5.265	5.309	5.045	4.976	4.973	5.024	4.68
Annual	97.378	96.86	92.715	91.025	91.532	92.116	85.612
Mean Number of 1-inch Rainy Days							
	Pasco Co.	New Port Richey	NW Hillsborough Co.	SC Hillsborough Co.	City of Tampa	Pinellas Co.	City of St. Petersburg
Jan	0.847	0.768	0.652	0.626	0.615	0.646	0.547
Feb	0.737	0.616	0.636	0.642	0.636	0.623	0.644
Mar	1.156	1.247	0.98	0.947	0.905	1.028	0.949
Apr	0.517	0.454	0.408	0.405	0.392	0.405	0.386
May	0.559	0.58	0.538	0.534	0.526	0.55	0.547
Jun	1.949	1.55	1.53	1.524	1.511	1.485	1.426
Jul	1.748	1.949	1.694	1.619	1.628	1.72	1.474
Aug	2.288	2.155	2.244	2.328	2.264	2.297	2.691
Sep	1.508	1.703	1.703	1.753	1.709	1.776	2.03
Oct	0.612	0.641	0.608	0.582	0.6	0.594	0.488
Nov	0.312	0.385	0.325	0.309	0.31	0.335	0.283
Dec	0.396	0.437	0.382	0.369	0.366	0.391	0.356
Annual	12.629	12.485	11.7	11.638	11.462	11.85	11.821
Total Monthly Rainfall							
	Pasco Co.	New Port Richey	NW Hillsborough Co.	SC Hillsborough Co.	City of Tampa	Pinellas Co.	City of St. Petersburg
Jan	3.145	3.011	2.687	2.644	2.585	2.713	2.58
Feb	2.235	2.277	2.15	2.108	2.112	2.156	2.025
Mar	3.388	3.322	2.973	2.962	2.864	3.04	3.053
Apr	1.704	1.72	1.58	1.55	1.539	1.585	1.471
May	2.085	1.96	1.94	1.946	1.931	1.92	1.891
Jun	6.435	5.336	5.451	5.457	5.447	5.293	5.21
Jul	6.873	6.931	6.532	6.454	6.415	6.58	6.338
Aug	7.534	7.498	7.435	7.471	7.412	7.501	7.715
Sep	5.982	6.367	6.183	6.328	6.132	6.435	7.249
Oct	2.13	2.315	2.009	1.964	1.926	2.077	1.973
Nov	1.7	1.799	1.496	1.458	1.41	1.552	1.464
Dec	1.681	1.875	1.71	1.703	1.667	1.768	1.778
Annual	44.892	44.411	42.146	42.045	41.44	42.62	42.747

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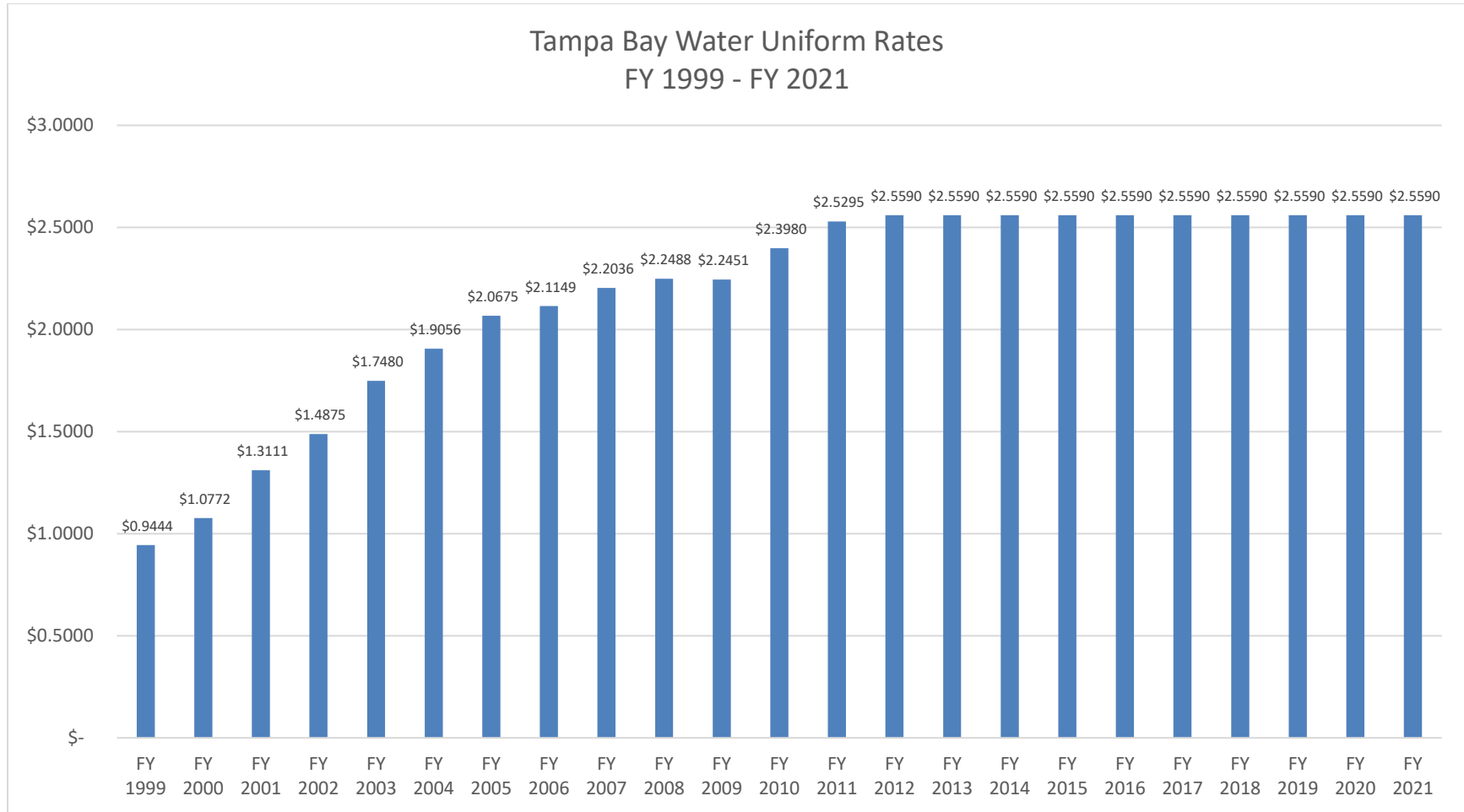
POTENTIAL TRUE UP FOR FY 2020 AS OF 2/29/2020

Monthly Demand

MONTH-YEAR	ST PETE	PINELLAS	TAMPA (Morris Br)	HILLSBOROUGH	PASCO	NEW PORT RICHEY	TOTALS	
Oct-19	834.39	1,523.68	0.39	2,152.23	985.53	91.56	5,587.78	
Nov-19	781.95	1,451.02	1.23	2,055.38	903.29	88.44	5,281.31	
Dec-19	791.56	1,429.44	-	1,986.07	908.94	88.74	5,204.75	
Jan-20	799.21	1,471.22	288.10	2,032.67	941.42	90.46	5,623.08	
Feb-20	767.17	1,413.71	322.74	1,890.55	863.81	86.58	5,344.56	
Mar-20							-	
Apr-20							-	
May-20							-	
Jun-20							-	
Jul-20							-	
Aug-20							-	
Sep-20							-	
FY 19 YEAR-END	10,096.45	17,731.28	0.59	23,708.98	10,628.08	1,102.51	63,267.89	173.34 MGD
FY 20 YTD	3,974.28	7,289.07	612.46	10,116.90	4,602.99	445.78	27,041.48	177.90 MGD
+ / -	(6,122.17)	(10,442.21)	611.87	(13,592.08)	(6,025.09)	(656.73)	(36,226.41)	4.57 MGD

FY20 YTD MGD	26.15	47.95	4.03	66.56	30.28	2.93	177.90
% of YTD	14.70%	26.96%	2.26%	37.41%	17.02%	1.65%	100.00%
FY 19 MGD	27.66	48.58	0.0016	64.96	29.12	3.02	173.34
% of FY19	15.96%	28.03%	0.0009%	37.47%	16.80%	1.74%	100%
Fixed billed FY20	\$ 22,768,507.52	\$ 39,985,815.02	\$ 1,330.51	\$ 53,466,128.14	\$ 23,967,386.50	\$ 2,486,270.64	\$ 142,675,438.33
Actual fixed based on % of ytd	\$ 20,968,975.85	\$ 38,458,370.52	\$ 3,231,442.92	\$ 53,378,481.58	\$ 24,286,156.52	\$ 2,352,010.94	\$ 142,675,438.33
Potential True-up	\$ (1,799,531.67)	\$ (1,527,444.50)	\$ 3,230,112.41	\$ (87,646.56)	\$ 318,770.02	(134,259.70)	0.00

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Appendix**

Fiscal Year 2021	Budget Development Schedule:
December 13, 2019	Budget packets distributed internally, meeting with Officers and Sr. Managers for “Fiscal Year 2021 Budget Kickoff.”
January 14, 2020	Fiscal year 2021 budget submissions due from departments to finance at 5:00 p.m.
January 21-28, 2020	Finance meets with Officers and Sr. Managers to review department 2021 budget requests.
February 1, 2020	Member Governments will supply Tampa Bay Water with an updated Annual Report, in the form provided in Exhibit K of the Amended and Restated Interlocal Agreement, setting forth the next five fiscal years of projected water service demand from their service area.
February 1, 2020	Preliminary draft of fiscal year 2021 budget distributed internally for review and comments by all departments and General Counsel.
February 7, 2020	Finance contacts General Counsel to assess any additional legal needs or requirements.
February 17, 2020	Presentation to Board of proposed Capital Improvement Program.
February 17-21, 2020	General Manager meeting with Officers and General Counsel to review program plans and outstanding issues.
March 2, 2020	Redistribute preliminary draft fiscal year 2021 budget with changes resulting from February meetings.
March 5, 2020	Executive Team meet to review program plans and outstanding issues.
March 12, 2020	Draft of budget document prepared for internal management review.
3 rd Week March 2020	First bound copy of Proposed Fiscal Year 2021 Budget including annual estimate distributed to staff, Member Governments, and Board.
April 1–April 7, 2020	Individual meetings with Member Governments to discuss proposed fiscal year 2021 budget.
April 15, 2020	Tampa Bay Water contractual annual estimate due (will have been distributed 3 RD week of March).
April 20, 2020	Board workshop, Tampa Bay Water Board sets preliminary fiscal year 2021 budget and schedules a public hearing for final budget approval on June 15, 2020.

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June 15, 2020	Public Hearing and Final Fiscal Year 2021 Budget approved by Board.
October 1, 2020	Uniform Rate for Fiscal Year 2021 becomes effective.
October 15, 2020	Fiscal Year 2020 post closing adjustment and reconciliation of fixed component to annual estimate distributed to members.

Glossary

Fiscal Year 2021

The Glossary includes an alphabetical list of terms used in the budget document and defined by the Amended and Restated Interlocal Agreement, the Master Water Supply Contract, and/or the Master Bond Resolution.

Tampa Bay Water – 2021 Annual Budget
Glossary

Definitions

The following definitions were derived from the Interlocal Agreement and the Master Water Supply Contract. Unless otherwise specifically set forth, the following words and phrases used in the 2021 Budget document shall have the following meanings:

“Annual Estimate” means the estimate of Tampa Bay Water Costs for a Fiscal Year, including the estimated amount thereof to be payable by each Member Government, and submitted to each Member Government on an annual basis, as required by Section 13 of the Master Water Supply Contract. The Annual Estimate shall be based upon Tampa Bay Water’s proposed annual budget and estimated rate and shall consider the Annual Reports in determining the estimated amounts to be payable by each Member Government. (Is equivalent to Net Annual Revenue Requirement for establishing the Uniform Rate).

“Annual Report” means the report setting forth the next five (5) Fiscal Years of anticipated Water Service within the Water Service Areas for each of the Member Governments to be prepared by each such Member Government and submitted to Tampa Bay Water as required by Section 12 of the Master Water Supply Contract.

“Actual Direct Cost” means with respect to Water Treatment, the total capital and operating cost of providing such treatment, excluding any indirect cost.

“Allocated Overhead” means that portion of the overhead that is allocated to the Water Supply Facility by dividing the estimated quantity of Quality Water to be produced at that facility by the total estimate of Quality Water to be produced by all facilities.

“Bond Coverage Costs” means the costs of providing the coverage requirements established by the Financing Documents.

“Capital Improvement Charge” means the costs identified by Tampa Bay Water for planning, designing, acquiring and constructing capital improvements to the System; provided such costs are not payable from proceeds of the Obligations (other than costs which are to be reimbursed from such proceeds) or from moneys received in relation to the Renewal and Replacement Charges.

“Debt Service Charges” means the principal, redemption premium, if any, and interest coming due on the Obligations and any recurring costs and expenses relating to the Obligations, including, but not limited to, paying agent, registrar and escrow agent fees, credit enhancement fees and other charges, but only to the extent such costs and expenses are not otherwise reflected in Operation, Maintenance and Administrative Costs.

“Environmental Permit” means all permits, licenses, or other third-party approvals necessary for the acquisition, construction or operation of a Tampa Bay Water Supply Facility, including but not limited to Primary Environmental Permits.

“Financing Documents” means any resolution or resolutions of Tampa Bay Water, as well as any indenture of trust, trust agreement or similar document relating to the issuance or security of the Obligations.

Tampa Bay Water – 2021 Annual Budget
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“Fiscal Year” means a twelve (12) month period which commences on October 1 of each year and ends on the next succeeding September 30th or such other period as may be prescribed by law as the fiscal year for Tampa Bay Water.

“Fixed Costs” means all costs and expenses incurred by Tampa Bay Water for the operation, maintenance, management, security, development, and financing of the System other than Variable Costs.

“Fund Balance” means an amount of money equal to the unencumbered moneys on deposit in the Utility Reserve Fund as of September 30 of the immediately preceding Fiscal Year. Moneys shall be considered unencumbered to the extent such moneys may be used for purposes relating to the System.

“Government Grant”, when used with respect to the System, means any sum of money heretofore or hereafter received by Tampa Bay Water from the United States of America or any agency thereof or from the State of Florida or any agency or political subdivision thereof as or on account of a grant or contribution, not repayable by Tampa Bay Water, for or with respect to the construction, acquisition or other development of an addition, extension or improvement to any part of the System or any costs of any such construction, acquisition or development. Government Grant shall not include any grants or contributions received by Tampa Bay Water for purposes of (1) funding Operating Expenses or (2) paying debt service on obligations of Tampa Bay Water that are payable in whole or in part from moneys received by Tampa Bay Water from the Southwest Florida Water Management District pursuant to the Northern Tampa Bay New Water Supply and Ground Water Withdrawal Reduction Agreement or any funding agreements related thereto. Any grants or contributions described in the preceding sentences shall be considered “Gross Revenues”.

“Gross Revenues” means all income and moneys received by Tampa Bay Water from the rates, fees, rentals, charges and other income to be made and collected by Tampa Bay Water for the use of the products, services and facilities to be provided by the System, or otherwise received by Tampa Bay Water or accruing to Tampa Bay Water in the management and operation of the System, calculated in accordance with generally accepted accounting principles applicable to public utility systems similar to the System, including without limiting the generality of the foregoing (1) moneys deposited from the Rate Stabilization Fund Account into the Revenue Account in accordance with the terms hereof, provided any moneys transferred from the Rate Stabilization Account into the Revenue Account within 90 days following the end of a Fiscal Year may be designated by Tampa Bay Water as Gross Revenues, and (3) Investment Earnings. “Gross Revenues” shall include all moneys received by Tampa Bay Water pursuant to the terms of the Master Water Supply Contract. “Gross Revenues” shall not include (A) Government Grants, to the extent prohibited or restricted as to its use by the terms of Government Grant, (B) proceeds of Bonds or other Tampa Bay Water debt, (C) moneys deposited to the Rate Stabilization Account from the Utility Reserve Fund, including any moneys transferred from the Utility Reserve Fund to the Rate Stabilization Account within 90 days following the end of a Fiscal Year which Tampa Bay Water determines not to be Gross Revenues of such Fiscal Year, and (D) any moneys received by Tampa Bay Water as part of True-Up. Gross Revenues may include other revenues related to the System which are not enumerated in the definition of “Gross Revenues” if and to the extent the same shall be approved for inclusion by Tampa Bay Water of the Bonds (provided all Bonds are insured as to payment of principal and interest at the time of such inclusion).

Tampa Bay Water – 2021 Annual Budget
Glossary

“Net Revenues” means Gross Revenues less Operating Expenses.

“Obligations” means a series of bonds or other evidence of indebtedness including but not limited to, notes, commercial paper, capital leases or any other obligations of Tampa Bay Water heretofore or hereafter issued or incurred.

“Operating Reserve Fund” means those funds, which are deemed by Tampa Bay Water as necessary to meet any cash flow and revenue collection shortfalls due to inaccuracies in the Annual Reports or Annual Estimates or due to the requirements of the Financing Documents. The amount of Operating Reserve Fund shall be established by Tampa Bay Water policy; provided such amount should not exceed an amount equal to two times the monthly average Variable Costs as provided in Tampa Bay Water’s preliminary budget.

“Operation, Maintenance and Administrative Costs” (also referred to as **Operating Expenses**) means any and all costs incurred by Tampa Bay Water in operating, maintaining and administering the System, including, but not limited to, the general administrative and legal costs of Tampa Bay Water related to operation, maintenance, management, security and development of the System; costs associated with tools, equipment, vehicles, supplies, materials, services and support for the operation, maintenance, management, security and development of the System; any costs of litigation or a legal judgment against Tampa Bay Water; costs relating to Water conservation and public education activities; costs of purchasing any Water; development expenses relating to expansion of the System; all costs incurred in planning or applying for, obtaining, maintaining and defending Environmental Permits which shall not be paid from the Capital Improvement Charge; accounting, legal and engineering expenses; ordinary and current rentals of equipment or other property; refunds of moneys lawfully due to others; pension, retirement, health and hospitalization funds; payments in lieu of taxes and facility impact fees; moneys to be deposited to a rate stabilization fund; and fees for management of the System or any portion thereof.

“Overhead” means the administrative and general expenses of Tampa Bay Water that are not directly attributable to ownership of any specific Water Supply Facility, as established in the approved budget.

“Production Failure” means (1) the occurrence of a Shortfall, provided however, that a Shortfall that results from a mechanical, equipment or other facility failure shall not constitute a “Production Failure,” or (2) following December 31, 2002, the actual delivery by the Authority to the Member Governments during any twelve-month period of Quality Water that exceeds 94 percent of the aggregate permitted capacity of the Authority’s production facilities on an annual basis, provided however, that if the Authority has received a Primary Environmental Permit for additional production facilities and the Authority has entered into a contract for final design and has bid construction of the facilities, the additional production quantity specified in the Primary Environmental Permit shall be added to the actual production capacity for purposes of determining if a “Production Failure” has occurred.

“Project Cost” means all expenses associated with the acquisition, construction, installation, reconstruction, renewal or replacement of Water Supply Facilities, including without limitation: (1) land and interests therein, property rights, and easements of any nature whatsoever; (2) physical construction, reconstruction, renewal, replacement or completion; (3) acquisition and installation of machinery, equipment and other tangible personal property; (4) planning, architectural, engineering,

Tampa Bay Water – 2021 Annual Budget
Glossary

surveying, legal, environmental and other consultant services; (5) fees and expenses associated with the issuance of Obligations, including but not limited to bond counsel, disclosure counsel, financial advisor, underwriters' discount, rating agencies, bond insurance, credit or liquidity facilities, and printing the Obligations and supporting documentation; (6) interest accruing on the Obligations for such period of time as Tampa Bay Water deems appropriate; (7) the debt service reserve fund or account, if any, established for the Obligations; and (8) all other expenses that are properly attributable thereto under generally accepted accounting principles, including reimbursement to Tampa Bay Water for any moneys advanced for such purposes and interest on any interfund loan for such purposes.

“Quality Water” means Water which (1) meets State and federal drinking water regulations and standards as defined in Rule 62-550, Florida Administrative Code, as it may be amended or superseded from time to time, including regulations pertaining to surface water or groundwater under the direct influence of surface waters, but excluding regulations pertaining to disinfection and corrosivity, and (2) would not cause a particular Member Government utility to adopt new treatment techniques beyond modified chemical dosages and/or optimization of existing unit processes to meet a moderately altered source of Water. Except as otherwise provided in the Master Water Supply Agreement, the provisions of this definition are not intended as permission for a Member Government to reject the type of Quality Water to be provided by Tampa Bay Water to such Member Government; provided, however, Tampa Bay Water shall pay for any additional treatment costs required to meet the standards for Quality Water as described in the Master Water Supply Agreement.

“Renewal and Replacement Charges” means those certain charges to be deposited to any renewal and replacement fund or account established pursuant to the Financing Documents.

“Reserve Account Requirement” shall mean, as of any date of calculation for the Reserve Account, an amount equal to the lesser of (1) Maximum Annual Debt Service for all Outstanding Bonds, (2) 125% of the average Annual Debt Service for all Outstanding Bonds, or (3) the maximum amount allowed to be funded from proceeds of tax-exempt obligations and invested at an unrestricted yield pursuant to the Code; provided, however, the Issuer may establish by Supplemental Resolution a different Reserve Account Requirement for a subaccount of the Reserve Account which secures a Series of Bonds pursuant to Section 4.05(B)(4) hereof. In computing the Reserve Account Requirement in respect of a series of Bonds that constitutes Variable Rate Bonds, the interest rate on such Bonds shall be assumed to be (A) if such Variable Rate Bonds have been Outstanding for at least 24 months prior to the date of calculation, the highest average interest rate borne by such Variable Rate Bonds for any 30-day period, and (B) if such Variable Rate Bonds have not been Outstanding for at least 24 months prior to the date of calculation, the Bond Buyer Revenue Bond Index most recently published prior to the time of calculation. The time of calculation for Variable Rate Bonds shall be each March 1. (Resolution 98-07TBW, Section 1.01)

“System” means Tampa Bay Water's water production, transmission and treatment facilities, as they currently exist and as they may be modified or expanded in the future from time to time, which are owned, leased, licensed, operated and/or used by Tampa Bay Water to provide Water.

“Tampa Bay Water Costs” shall mean Bond Coverage Costs, Capital Improvement Charges, Debt Service Charges, Operation, Maintenance and Administrative Costs, Operating Reserve Funds and Renewal and Replacement Charges.

Tampa Bay Water – 2021 Annual Budget
Glossary

“Variable Costs” means all costs and expenses of Tampa Bay Water for the operation, maintenance and management of the System that change in direct proportion to changes in the volume of Water produced by Tampa Bay Water, including, but not limited to, power, chemical and Water purchases.

“Water” means Quality Water and any other water to be used by a Member Government in its public water supply system.

“Water Supply Facilities” means Water production, treatment and/or transmission facilities and related real property. The term “Water Supply Facilities” does not include facilities for local distribution.

“Water Service” means the provision of Water as required in the Interlocal Agreement to any and all of the Member Governments at the locations described in Exhibit C of the Master Water Supply Contract and provision of Water by the Member Governments to their customers.

“Water Service Areas” means, collectively, the Hillsborough Water Service Area, the New Port Richey Water Service Area, the Pasco Water Service Area, the Pinellas Water Service Area, the St. Petersburg Water Service Area and the Tampa Water Service Area.

**Tampa Bay Water – 2021 Annual Budget
Glossary**

Acronyms

BEBR – Bureau of Economic and Business Research

BUDW – Brandon Urban Dispersed Wells

CBIR – Community Budget Issuance Request

CCA – Construction Completion Agreement

CFS – Cubic Feet per Second

CIF – Capital Improvement Fund

CIP – Capital Improvement Program

CMMS – Computerized Maintenance Management System

CWUP – Consolidated Water Use Permit

DBP – Disinfection By-Product

DE – Diatomaceous Earth

FAQ – Frequently Asked Questions

FASB – Financial Accounting Standards Board

FDEP – Florida Department of Environmental Protection

FGIC – Financial Guaranty Insurance Company

FTE – Full Time Equivalent

GAAP – Generally Accepted Accounting Principles

GASB - Governmental Accounting Standards Board (GASB)

GFOA – Government Finance Officers Association

H₂S – Hydrogen Sulfide

IT – Information Technology

IW – Injection Well

MCC – Motor Control Center

MGD – million gallons per day

NOAA – National Oceanic and Atmospheric Administration

**Tampa Bay Water – 2021 Annual Budget
Glossary**

NPDES – National Pollutant Discharge Elimination System

NWH – Northwest Hillsborough

O&M – Operation and Maintenance

OM&M – Operate, Manage & Maintain

OROP – Optimized Regional Operational Plan

POC – Point of Connection

PWS – Public Water Supply

R&R – Renewal and Replacement

SCADA – Supervisory Control and Data Acquisition

SCHIP – South-Central Hillsborough Infrastructure Project

SIPC – Securities Investor Protection Corporation

SWFWMD – Southwest Florida Water Management District

SWTP – Surface Water Treatment Plant

TBC – Tampa Bypass Canal

USEPA – United States Environmental Protection Agency

USGS – United States Geological Survey

VFD – Variable Frequency Drive

VOC – Volatile Organic Compounds

WTP – Water Treatment Plant



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Fax: 727.791.2388 <https://www.tampabaywater.org/>

DATE: April 6, 2020
TO: Board of Directors
FROM: Matt Jordan, General Manager
SUBJECT: February 17, 2020 - Draft Agenda Minutes - *Approve*

SUMMARY

On February 17, 2020, Tampa Bay Water's Board of Directors held it's Regular Board Meeting. Draft minutes were prepared from the meeting for Board approval.

SUGGESTED ACTION

Approve February 17, 2020 Minutes.

COST/FUNDING SOURCE

N/A

DISCUSSION

Draft minutes are attached for the Board's review and approval.

BACKGROUND

None.

Attachment

Tampa Bay Water

Regular Meeting

February 19, 2020 Minutes

The Board of Directors of Tampa Bay Water met in its offices, 2575 Enterprise Road, Clearwater, Florida 33763.

BOARD MEMBERS PRESENT:

Present: Chair – Commissioner Sandra Murman, Hillsborough County
Vice Chair - Commissioner Dave Eggers, Pinellas County
Mayor Rob Marlowe, City of New Port Richey
Councilman Charlie Miranda, City of Tampa
Commissioner Ron Oakley, Pasco County
Commissioner Kathleen Peters, Pinellas County
Council Member Darden Rice, City of St. Petersburg
Commissioner Mariella Smith, Hillsborough County
Commissioner Kathryn Starkey, Pasco County

Staff: Matt Jordan, General Manager

Presenters: Peter Dunbar, Dean Mead Dunbar
Matthew Blair, Corcoran Partners
Jon Kennedy, Engineering Senior Manager
Maribel Medina, Senior Professional Engineer IV
Warren Hogg, Water Use Permitting Manager
Steve Fleischacker, Water Quality Services Senior Manager

General

Counsel: Barrie Buenaventura, General Counsel

A list of others present who signed the attendance roster was filed in the permanent files of Tampa Bay Water. Staff and consultants presenting to the Board are listed above.

Chairman Murman opened the Regular Board meeting to public comment. The following speaker(s) made public comment to the Board of Directors:

Mark Klutho
David Geddis

Public comment was duly recorded and is filed in the permanent records of Tampa Bay Water.

CONSENT AGENDA

A. GENERAL MANAGER

1. Board Minutes for December 16, 2019, Regular Board Meeting – *Approve*
2. Public Affairs
 - a. Tampa Bay Water Performance Dashboard Update – *Status Report*
 - b. Granicus Government Meeting Technology Update – *Status Report*

B. GENERAL COUNSEL

No items were presented to the Board.

C. WATER PRODUCTION

1. Mowing & Grounds Maintenance Services – Contract No. 2019-001 with Albert E. Roller, LLC – Price Amendment and Contract Value Increase – *Approve*
2. Paving Services Agreement No. 2020-702 with Ajax Paving Industries of Florida, LLC – *Approve*
3. Increase contract amount for As-Needed Medium and Low Voltage Electrical Contractors, Contract Nos: 2017-015 thru 2017-018 - *Approve*
4. Energy Management Program – *Status Report*
5. Capital Improvements Program – Task Order Authorization – *Approve*
6. Termination of Easement, Mid-Pinellas Property, Parcels 2601.01.01, .02, .03 & .04 Clean up title issues for property sold in 2018 - *Approve*
7. Fleet Management Contract with Enterprise F M Trust – Authorize cost increase for replacement of additional vehicle – *Approve*
8. Sole-Source Procurement for Analytical Equipment, Replacement Parts and Consumable Supplies, SSP #2020-515 - *Approve*

D. SCIENCE AND TECHNOLOGY

1. Hydrologic Conditions Update – *Status Report*
2. Water Conservation Month Proclamation - *Approve*
3. Demand Management and Member Conservation Update - *Status Report*
4. Toilet and Urinal Rebate Inspection Services Contract No. 2020-027 - *Reject all Bids*
5. Regional Water Supplies and Member Demands - *Status Report*
6. Long-term Master Water Plan Feasibility Studies – *Status Report*
7. America’s Water Infrastructure Act (AWIA) Risk & Resilience Assessment – *Status Report*

E. FINANCE

1. General Manager’s Quarterly Travel Report – Approve
2. Contract Renewals - *Approve*

F. CONSENT DISCUSSION

Motion: Councilman Miranda moved to approve the Consent Agenda. Commissioner Oakley seconded the motion.

Chairman Murman asked for a vote on the Consent Agenda.

Vote: The motion carried by a vote of 9-0.

REGULAR AGENDA

G. GENERAL MANAGER

1. Executive Committee Report and Minutes – January 27, 2020

Matt Jordan, General Manager, noted topics covered at the January 27, 2020 Executive Committee Meeting which included the status of the facilitator workshop.

2. 2019 Agency Accomplishments/2020 Agency Outlook

Mr. Jordan reported the highlights of the agency accomplishments in 2019 which included providing quality water to the region, the Long-term Master Water Plan feasibility studies, the regions first Demand Management Program was implemented, completing a desktop analysis on regional water quality treatment options, maintaining the utility's infrastructure, completing 8 capital improvement projects, maintaining the uniform rate of \$2.559 per 1,000 gallons for the 8th consecutive year, and receiving Board approval of the Fiscal Year 2020 Budget marking the 9th year at the same uniform rate. Mr. Jordan noted upcoming projects and board decisions for 2020 including the South-Central Hillsborough Booster Station and Pipeline, submittal of the certification to America's Water Infrastructure Act; Fiscal Year 2021 Budget approval; next phase of the Regional Water Quality Study; implementation of the Demand Management Program; completion and approval of the Pay and Class Study and Management and Performance Audit; Consolidated Permit Renewal approval; Demand Forecast update; Regional Chlorine Maintenance Study; Reclaimed Water Credit Valuation; Facilitated Workshops; Quarterly Utility Directors Meetings and Finance Rate Modeling.

A copy of the full report can be found in the agency's Records Department.

No Board action was required on this item.

3. 2020 Legislative Program – *Status Update*

Peter Dunbar, Dean Mead Dunbar, Legislative Counsel, provided an update on the legislative session. Mr. Dunbar stated HB715 was moving through the process; however, may be amended. The Legislative Tracking Report is provided weekly and Mr. Dunbar and Mr. Blair continue to participate in weekly calls with agency staff to discuss any concerns. Matthew Blair, Corcoran Partners, provided an update on appropriations for the Cypress Bridge project.

A copy of the full report can be found in the agency's Records Department.

No Board action was required on this item.

H. GENERAL COUNSEL

1. Agreement for Representation in Per- and Polyfluoroalkyl Substances (PFAS) Litigation – *Approve*

Barrie Buenaventura, General Counsel, presented on an Agreement for Representation in Per- and Polyfluoroalkyl Substances (PFAS) Litigation. Ms. Buenaventura stated that Agenda Item H.1. is a follow-up to her report provided at the Executive Committee meeting on a water quality issue concerning PFAS. Ms. Buenaventura noted that the last time sampling was done in cooperation with member governments was in 2015. The compounds were not detected using the methodologies in place at that time. The EPA will be coming out with new testing guidelines for the next round of testing. Ms. Buenaventura explained currently there is a multi-district lawsuit against the PFAS manufacturers. Two separate teams of lawyers have approached Tampa Bay Water concerning representation. Ms. Buenaventura recommended the Board retain one of the firms for representation should compounds be detected in the future and delegate authority to the General Manager, in consultation with the General Counsel and the Chairman, to file suit in the future if testing shows actionable levels of the compound are present in Tampa Bay Water's system.

Councilman Miranda abstained and left the room explaining he has a family member on staff at one of the law firms being considered. Chairman Murman opened the item for discussion. Council Member Rice asked that the item be held and discussed at a future workshop. The Board Members discussed the options to discuss the issue at a workshop or retain counsel and perform testing after the EPA provides its new guidelines. Ms. Buenaventura explained it's at the Board's discretion whether to perform testing before the EPA provides the new guidelines or after, or both. Commissioner Eggers and Commissioner Oakley noted they would prefer to discuss the matter further at the workshop. Commissioner Oakley asked if the agency would be incurring legal expenses. Ms. Buenaventura explained representation would be on a contingency basis.

A copy of the full report can be found in the agency's Records Department.

Motion: Commissioner Smith moved for approval of Agenda Item H.1. Commissioner Peters seconded the motion.

Vote: The motion carried by a vote of 5-3. Commissioner Eggers, Commissioner Oakley and Council Member Rice voted nay). Councilman Miranda was not present during the vote.

I. WATER PRODUCTION

1. Comprehensive Management Plan for the Hillsborough River, the Tampa Bypass Canal, Sulphur Springs and the Morris Bridge Wellfield - *Approve*

Chuck Carden, Chief Operating Officer, provided a brief presentation on the Comprehensive Management Plan for the Hillsborough River, the Tampa Bypass Canal, Sulphur Springs and the Morris Bridge Wellfield. Mr. Carden noted the Comprehensive Management Plan is the result of Tampa Bay Water, the City of Tampa and Southwest Florida Water Management District (SWFWMD) working together to create the Plan. The Plan facilitates management of water-related activities in the region and will be updated every five years, as needed. Staff recommended Tampa Bay Water agree to the Comprehensive Plan subject to the City of Tampa and SWFWMD also agreeing to the Plan.

A copy of the full report can be found in the agency's Records Department.

Motion: Commissioner Starkey moved for approval of Agenda Item I.1. Commissioner Smith seconded the motion.

Vote: The motion carried by a vote of 9-0.

2. South-Central Hillsborough County Supply Improvements Program –
 - a. Southern Hillsborough County Booster Pump Station, Project 01609 — Consultant Ranking and Authorization to Negotiate Contract No. 2020-032 with top-ranked firm, Reiss Engineering, Inc. – *Approve*

Jon Kennedy, Engineering Support Senior Manager, provided a presentation on engineering selection for the Southern Hillsborough County Booster Pump Station, Project. Mr. Kennedy reviewed the project highlights noting the project is part of the short-term plan to meet the 2024 demands in Hillsborough County. Staff requested authorization to negotiate the contract, scope and fee with the top-ranked firm, Reiss Engineering, Inc. Staff will return to the Board in April for approval of the negotiated contract.

A copy of the full report can be found in the agency's Records Department.

Motion: Commissioner Eggers moved for approval of Agenda Item I.2.a. Commissioner Oakley seconded the motion.

Vote: The motion carried by a vote of 9-0.

- b. South-Central Hillsborough County Pipeline Corridor Study – *Status Report*

Jon Kennedy, Engineering Support Senior Manager, provided an update presentation on the South-Central Hillsborough County Pipeline Corridor Study. Mr. Kennedy provided some background on the project stated the pipeline is the plan to meet Hillsborough County's long-term water needs. Mr. Kennedy reviewed three corridor options and costs for each route. Mr. Kennedy noted that each segment will go to or pass by the existing Lithia point of delivery. Next, Mr. Kennedy reviewed the current and proposed project schedule as well as next steps.

Commissioner Eggers asked if the project could be accelerated and if the proposed construction routes get the pipeline to Lithia. Mr. Kennedy responded yes. Commissioner Eggers asked if the pipeline were to go beyond Lithia if the project would take longer. Mr. Kennedy replied no, more engineers and contractors would be involved so the longer project would finish on time. Commissioner Oakley asked if a route option has been chosen. Mr. Kennedy stated corridor “C” is the best choice. Hillsborough County has the option to request assistance from Tampa Bay Water if they choose to have the pipeline go from Lithia to their proposed water campus. Commissioner Starkey asked that trails be considered along the pipeline.

A copy of the full report can be found in the agency’s Records Department.

No Board action was required on this item.

3. Tampa Bypass Canal Gates Automation Project, Contract No. 2020-704, with PCL Construction, Inc. – *Approve*

Jon Kennedy, Engineering Support Senior Manager, provided an update presentation on the Tampa Bypass Canal Gates Automation Project. Mr. Kennedy provided a brief summary of the project noting that the agency has received co-funding from Southwest Florida Water Management District in the amount of \$516,000. Staff recommended the award to PCL Construction, Inc. through a piggy-back contract with Pinellas County.

A copy of the full report can be found in the agency’s Records Department.

Motion: Commissioner Eggers moved for approval of Agenda Item I.3. Commissioner Oakley seconded the motion.

Vote: The motion carried by a vote of 9-0.

4. Cypress Bridge Wellfield Improvements, Project No. 50031 – Award Contract No. 2020-026 to Stantec Consulting Services, Inc. – *Approve*

Maribel Medina, Senior Professional Engineer, provided a brief presentation on the Cypress Bridge Wellfield Improvements Project. Ms. Medina noted the project was identified in the agency’s Capital Improvement Program and is funded with the Renewal and Replacement funds as well as State Grant assistance. Procured engineering services will include design, bidding assistance and construction inspection and management.

A copy of the full report can be found in the agency’s Records Department.

Motion: Councilman Miranda moved for approval of Agenda Item I.4. Mayor Marlowe seconded the motion.

Vote: The motion carried by a vote of 9-0.

J. SCIENCE AND TECHNICAL

1. Consolidated Water Use Permit Update – *Status Report*

Warren Hogg, Water Use Permitting Manager, provided a status presentation on the upcoming renewal of the Consolidated Water Use Permit. Mr. Hogg provided a brief history on the water use permit and spoke about the environmental stress the region experienced due to droughts and groundwater pumping prior to reduction in groundwater pumping from these wellfields since late 2002. The agency now operates a fully interconnected, regional water supply system with three source water types. Improvements have been recognized in the condition of lakes and wetlands in recent years. Next, Mr. Hogg explained the agency is completing a Recovery Assessment Plan which is assessing the recovery of hundreds of lakes and wetlands in the region and will determine if there are any remaining adverse environmental impacts due to wellfield pumping. The final permit renewal application will be brought to the Board for consideration and approval in August or October of this year.

A copy of the full report can be found in the agency's Records Department.

No Board action was required on this item.

2. Water Quality Update – *Status Update*

Steve Fleischacker, Water Quality Services Senior Manager, provided a brief update on the Exhibit D Water Quality report. Mr. Fleischacker reviewed activity since December which includes the following the procurement process to select a consultant. Staff will seek Board approval to begin implementing enhanced water quality projects. On January 24, 2020, staff presented the preliminary scope and schedule to the member government utility directors. All member governments utility directors will be participating on the consultant selection committee. Currently, staff and member governments are working to finalize the scope of work. In June, staff will request approval of the consultant, scope and costs.

Commissioner Eggers asked what are some of the short-term efforts being made to address water quality issues. Mr. Fleischacker stated staff are evaluating moving the City of Tampa point of connection to surface water which would provide similar water quality to what they are currently receiving. Also, staff are working on a free chlorine maintenance study.

A copy of the full report can be found in the agency's Records Department.

No Board action was required on this item.

K. FINANCE

1. Reports of Certified Public Accountants Regarding Financial Statements for the year ended September 30, 2019 – *Receive Report*

Sandro Svrclin, Finance Manager, introduced Wade Sansbury and Daniel Anderson, Auditors with Mauldin & Jenkins, to provide a presentation on financial statements for year ending September 30, 2019. Mr. Anderson provided a brief history of Mauldin & Jenkins and an overview on the company's audit opinion.

Council Member Rice asked if the agency is in compliance. Mr. Sansbury responded yes. Commissioner Eggers thanked and commended Ms. Sackett and her staff for their work.

A copy of the full report can be found in the agency's Records Department.

Motion: Commissioner Starkey moved to receive Agenda Item K.1. Commissioner Oakley seconded the motion.

Vote: The motion carried by a vote of 9-0.

2. FY19 Year-end Reporting of Encumbered and Unencumbered Funds Transfers – *Receive Report*

Christina Sackett, Chief Financial Officer, provided a brief presentation on the FY19 Year-end Reporting of Encumbered and Unencumbered Funds Transfers. Ms. Sackett reviewed fund transfers for 2018/2019 stating that because actual unexpended/unencumbered funds were less than estimated, staff transferred \$5 million into the Capital Improvement Fund and transferred an additional \$4.5 million into the Rate Stabilization account deferring the funds for use in future years. The remaining \$212,000 went into the utility reserve fund. Ms. Sackett noted that the agency's strong cash position contributed to the AA+ rating with all three rating agencies.

Commissioner Starkey asked what the amount in the utility reserve fund. Ms. Sackett stated the amount at the end of FY19 was \$29 million. Commissioner Starkey asked what percentage of the budget all the unrestricted reserves amount is. Commissioner Murman asked if we had any policy on how much is kept in reserves. Ms. Sackett responded the Board has implemented a policy to maintain a balance of 10% of the budgeted gross revenues for the Rate Stabilization Account and the Utility Reserve is required to maintain 10% of the budgeted gross revenues plus the account helps meet bond covenant requirement of 1.25, and with current balance we are maintaining 1.5 coverage. Commissioner Starkey said we may have a big cushion and it is something to think about. Ms. Sackett advised the rate stabilization account has helped maintain the uniform rate for nine years and it is something staff will look at as the Agency issues new debt to help maintain the years until we get savings in our debt payments.

A copy of the full report can be found in the agency's Records Department.

Motion: Commissioner Starkey moved to receive Agenda Item K.2. Commissioner Smith seconded the motion.

Vote: The motion carried by a vote of 9-0.

3. Fiscal Year 2021 Budget Development Timeline and Process Overview – Receive Report

Christina Sackett, Chief Financial Officer, provided a brief presentation on the Fiscal Year 2021 Budget Development Timeline and Process. Ms. Sackett explained the annual considerations and key considerations the agency utilizes in the budget process. She stated individual meetings with member government representatives will take place to review and discuss the budget process. The budget workshop will be held in April and the FY21 proposed budget and FY21-FY29 capital improvement program will be presented to the Board. In June, a public hearing will be held to present the final FY21 proposed budget and request Board approval.

A copy of the full report can be found in the agency's Records Department.

Motion: Council Member Rice moved to receive Agenda Item K.3. Mayor Marlowe seconded the motion.

Vote: The motion carried by a vote of 9-0.

4. Supplemental Bond Resolution for Refunding Series 2010 and 2011A Refunding Revenue Bonds and Series 2013 Revenue Bonds – *Approve Resolution No. 2020-001*

Christina Sackett, Chief Financial Officer, introduced David Moore, PFM Financial Advisors LLC and Tom Giblin, Nabors, Giblin and Nickerson, to provide a presentation on the Supplemental Bond Resolution for Refunding Series 2010 and 2011A Refunding Revenue Bonds and Series 2013 Revenue Bonds. Mr. Moore provided a brief overview of the municipal market, outstanding debt service, refund analysis, and callable bonds. Mr. Moore stated PFM recommends a Resolution to refinance callable bonds. Mr. Moore turned the presentation over to Tom Giblin, Tampa Bay Water's bond counsel. Mr. Giblin explained what parameters are looked at when considering this bond refinance noting that not more than \$135 million be issued (true interest cost cannot exceed 3.50%). Once the transaction is complete in 2023, the net present value savings will be 17.2 percent. Staff requests the Board adopt the Resolution presented.

Council Member Rice asked at what point would refinancing the agency's other bonds be considered. Mr. Moore responded a couple of years from now.

A copy of the full report can be found in the agency's Records Department.

Motion: Commissioner Starkey moved to approve Agenda Item K.4. Commissioner Smith seconded the motion.

Vote: The motion carried by a vote of 9-0.

L. OLD BUSINESS AND OTHER ADMINISTRATIVE MATTERS

1. Member Government Reports – *Discussion*

Commissioner Eggers suggested having each member government provide a presentation during Board meetings on the status of water quality in their area. Chairman Murman directed agency staff to contact each member government to schedule their individual presentations.

2. Election of Officers

Chairman Murman passed the gavel to Matt Jordan, General Manager. Mr. Jordan opened the nominations for the position of Chair of the Tampa Bay Water Board of Directors. Commissioner Oakley nominated Commissioner Eggers as Chair. Commissioner Starkey seconded the nomination. With no other nominations, Mr. Jordan closed nominations and requested a vote of Commissioner Eggers as Chair.

Vote: Commissioner Eggers was elected Chair by vote of 9-0.

Chairman Eggers opened the nominations for Vice Chair of Tampa Bay Water Board of Directors. Council Member Rice nominated Commissioner Oakley as Vice Chair. Commissioner Starkey seconded the nomination. With no other nominations, Chairman Eggers closed nominations and moved for a vote of Commissioner Oakley as Vice Chair.

Vote: Commissioner Oakley was elected Vice Chair by a vote of 9-0.

3. Appointment to Board Executive Committee

Chairman Eggers asked for nominations to serve on the Executive Committee. Commissioner Smith nominated Commissioner Murman to serve. Councilman Miranda seconded the motion.

Vote: The motion carried by a vote of 9-0.

Chairman Eggers asked for nominations for an alternate to serve on the Executive Committee. Commissioner Oakley nominated Council Member Rice to serve. Commissioner Starkey seconded the motion.

Vote: The motion carried by a vote of 9-0.

M. RECEIVE & FILE

1. Human Resources Activity Report for December 2019 and January 2020
2. General Counsel Activity Report

- a. Legal Services Activity Report for December 2019 and January 2020
- b. Legal Services Budget Report for December 2019 and January 2020
3. Public Affairs Activity Report for December 2019 and January 2020
4. Finance Activity Report:
 - a. Finance and Administration Activity Report for December 2019 and January 2020
 - b. Comprehensive Check List with Delegated Approval for November and December 2019
 - c. Investment Schedule for October and November 2019
 - d. Financial Statements and Fund Analysis through November 2019
 - e. Disposition of Assets through November 2019
 - f. Vendor Status Report through November 2019
5. Water Production Activity Report for December 2019 and January 2020
6. Science and Technical Activity Report for December 2019 and January 2020

Chairman Eggers asked for a motion to approve the Receive & File.

Motion: Councilman Miranda moved for approval of Receive & File. Commissioner Oakley seconded the motion.

Vote: The motion carried by a vote of 9-0

IV. ADJOURNMENT

The Board adjourned at 11:33 a.m.

Attest: _____
Matt Jordan, General Manager/Secretary

Date: _____

DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Michelle Stom, Chief Communications Officer
SUBJECT: Tampa Bay Water Performance Dashboard - *Receive Report*

SUMMARY

Tampa Bay Water staff has updated the Agency's performance dashboard that measures key performance indicators identified in the Strategic Plan against water utility industry benchmarks from the American Water Works Association. The performance dashboard provides regular reports on performance to the Board of Directors.

SUGGESTED ACTION

Receive and File

COST/FUNDING SOURCE

N/A

DISCUSSION

Tampa Bay Water staff has updated the agency performance dashboard to measure key performance indicators identified in the Strategic Plan. Regular reports on performance are provided to the Board of Directors with the agenda package.

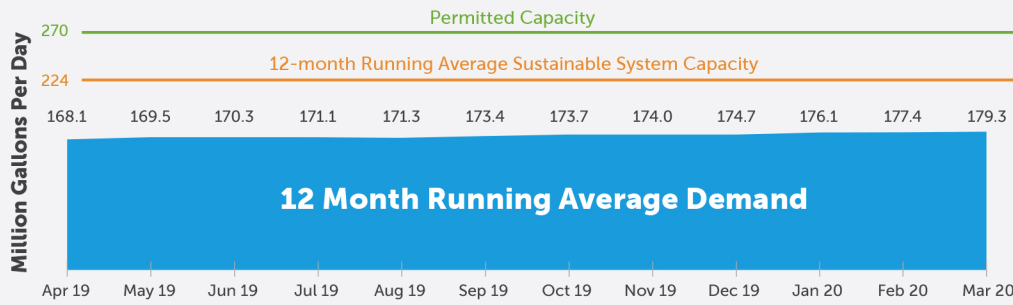
BACKGROUND

Tampa Bay Water strives to continually improve and become more efficient in operating and maintaining the water supply system and planning for the region's future drinking water needs. In 2011, the agency's board of directors approved the Strategic Plan and approved updates of the plan in 2014 and 2019. The agency assigned key performance indicators to the Strategic Plan goals for measuring against the American Water Works Association's water utility industry benchmarks using a performance dashboard.

Attachment

AVAILABLE CAPACITY

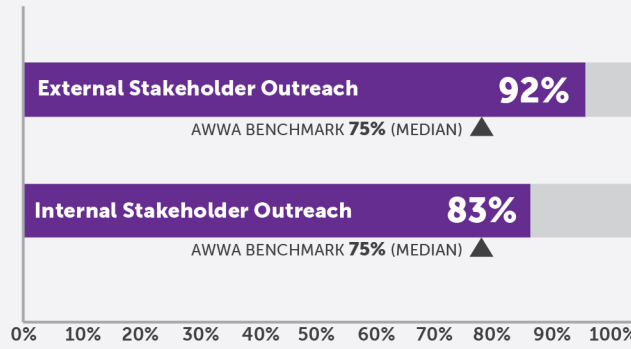
This indicator shows the gap between how much water the utility is permitted to use, the 12-month running average sustainable system capacity and the 12-month running average demand. Average demand should not exceed permitted capacity.



STAKEHOLDER OUTREACH FISCAL YEAR 2019

This indicator provides a measure of the utility's stakeholder outreach activities using the American Water Works Association's Stakeholder Outreach Index. A value is assigned by senior management to various categories of stakeholder outreach based on evidence that existed during the reporting period. Total scores can range from 0 to 12 and are presented as a percentage of the maximum possible score. Utilities should strive to be above the benchmark.

Tampa Bay Water Score



BOND RATING

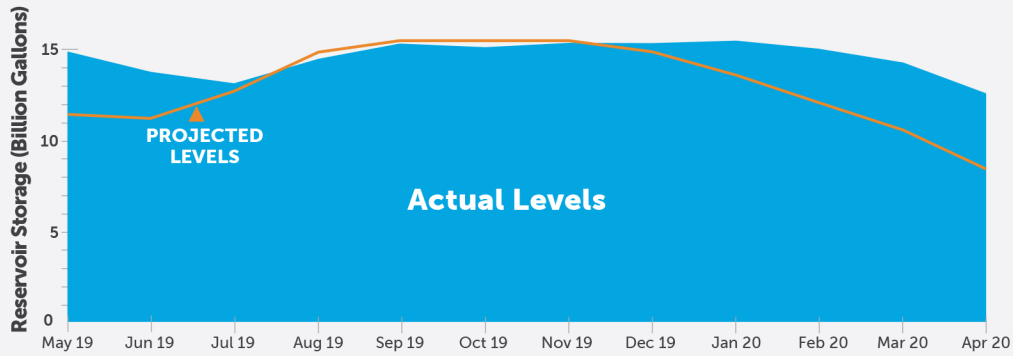
The bond rating assigned by the three major rating services based on evaluations of the issuer's financial strength and ability to pay a bond's principal and interest in a timely fashion.

Tampa Bay Water Rate

Bond Rating			Rating Category	AWWA Benchmark % of Utilities in Rating Category
Moody's	S&P	Fitch		
Aaa	AAA	AAA	Prime	21%
Aa1	AA+	AA+	High grade	71%
Aa2	AA	AA		
Aa3	AA-	AA-	Upper medium grade	8%
A1	A+	A+		
A2	A	A		
A3	B	A-	Lower medium grade	0%
Baa 1 2 3	BBB+/-	B+/-		

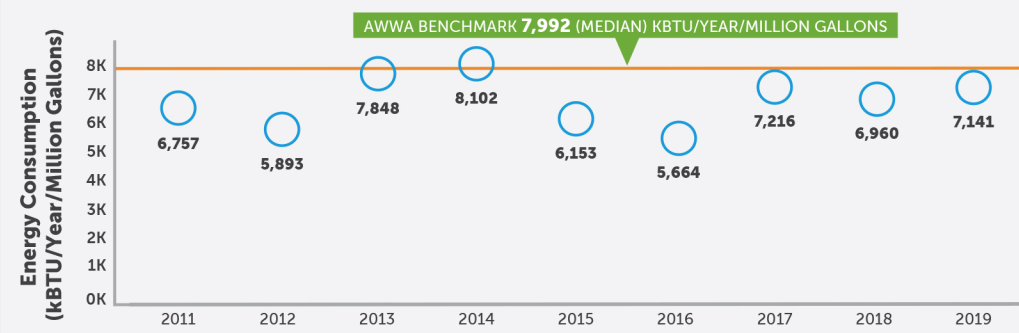
MEETING PROJECTED RESERVOIR LEVELS

This indicator provides a measure of the reliability of the utility's forecasted reservoir use.



ENERGY CONSUMPTION

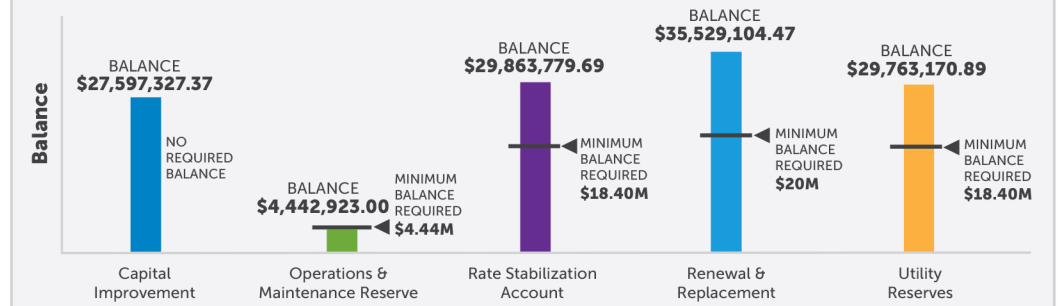
This indicator quantifies the energy consumed to supply potable water on an annual basis normalized by water demand in million gallons per day. Utilities should strive to be below the benchmark.



RESERVE FUNDS BALANCE

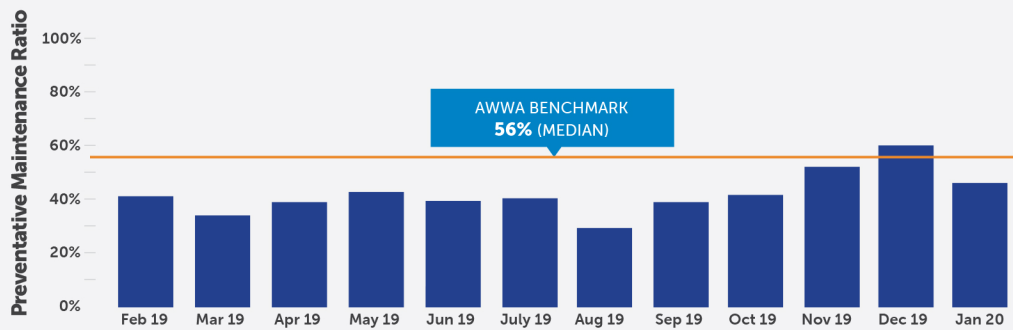
CURRENT AS OF FEBRUARY 2020

This indicator tracks the utility's reserve fund balances against their contractual- or policy-based minimums.



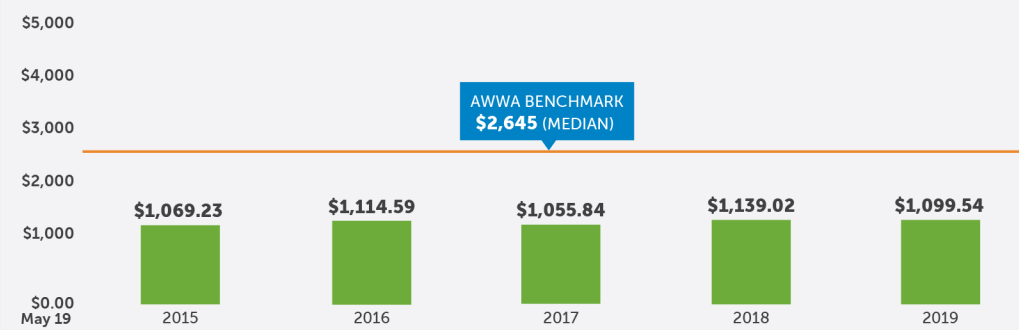
PREVENTATIVE MAINTENANCE TIME

This indicator provides a measure of the time spent on preventative/planned maintenance shown as a percent of total maintenance time. Utilities should strive to be above the benchmark.



OPERATING COST OF WATER

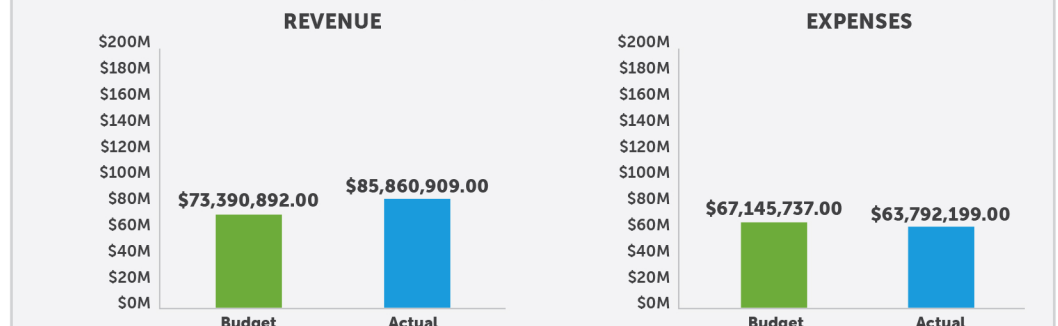
This indicator provides a measure of total operating costs of water services per million gallons of water. Utilities should strive to be below the benchmark.



OPERATING WITHIN BUDGETS AS FORECASTED

CURRENT AS OF FEBRUARY 2020

This indicator provides a measure of the utility's ability to operate within budget forecasts.



COMPLIANCE

CONSOLIDATED WATER USE PERMIT

This indicator provides the 12-month running average for groundwater used from our 11 consolidated wellfield. Average should not exceed 90 million gallons per day.



SAFE DRINKING WATER ACT COMPLIANCE

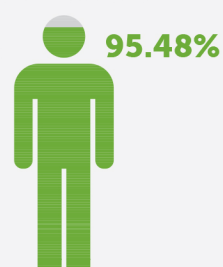
This indicator quantifies the percentage of time each year that the utility meets all Safe Drinking Water Act standards. Utilities should strive to be at the benchmark.



OPTIMIZED STAFF LEVELS

CURRENT FILLED POSITIONS

The indicator provides a measure of filled, full-time positions shown as a percentage of total positions.



EMPLOYEE TURNOVER FISCAL YEAR 2020 YEAR-TO-DATE

This indicator quantifies the rate of employee departures. Utilities should strive to be below the benchmark at the end of the reporting period.



RETIREMENT ELIGIBILITY

This indicator is an estimated percentage of full-time equivalent employees who are eligible for retirement in the next 5 years (2025).



SAFETY AND SECURITY FISCAL YEAR 2019

RECORDABLE INCIDENTS

This indicator is the total recordable incident rate normalized for any size organization using the total hours worked by employees. Utilities should strive to be below the benchmark.



NEAR MISSES

This indicator measures the number of unsafe situations or conditions where no personal injury was sustained and no property was damaged, but where, given a shift in time or position, injury or damaged property could have occurred. Utilities should strive to be below the benchmark.



DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Charles H. Carden, Chief Operating Officer
SUBJECT: Capital Improvements Program - Task Order Authorization - *Approve*

SUMMARY

The Board accepted the Fiscal Years 2020-2029 Capital Improvements Program (CIP) in June 2019. Subsequent Board approval of individual project activity is required during each project's life cycle. This item details upcoming task authorizations staff is recommending be assigned to the vendors identified in the attached table.

SUGGESTED ACTION

Approve task authorizations for April – May 2020

COST/FUNDING SOURCE

\$67,000/Capital Improvements Funds; \$129,000/Revenue Bonds; \$422,250/Uniform Rate Funds

DISCUSSION

As identified to the Board in a May 4, 2017 memorandum, Board acceptance of the annual Capital Improvements Program document is an acceptance of a capital projects road map. Subsequent Board approvals of individual capital project activity is sought for planning, design and/or construction contracts and/or task authorizations under existing contracts for project fees and assigned funding sources.

Staff recommends the Board approve the tasks and assigned funding sources in the attached table for the period April – May 2020.

BACKGROUND

Tampa Bay Water's CIP Plan is a comprehensive ten-year plan of approved and proposed capital projects. The CIP is updated annually and is subject to changes as the needs for specific projects become better defined and final approval of individual projects is provided by the Board of Directors.

Attachment



CIP Projects Tasks Authorizations

Project Number	Project Name	Task Description	Vendor Name	Contract Number	Task Cost	Funding Source
01609	Southern Hillsborough County Supply Expansion: Booster Pump Station	House Demolition	Rowland, Inc.	2018-002	\$60,000	Capital Improvement Fund
01611	New Wellfield via SHARP Credits: Feasibility	Prepare Easement Survey Sketch and Description	Ardurra Group, Inc.	2020-003	\$2,250	Uniform Rate Funds
01615	South Pasco Water Treatment Plant Caustic Feed System	Engineering Design, Bidding and Construction Management Services	Arcadis US, Inc.	2017-020	\$129,000	Revenue Bonds (350)
07537	Cypress Creek WTP Post Node Analyzer Building	Geotechnical Investigation	Mc Squared, Inc.	2017-035	\$7,000	Capital Improvement Fund
09015	Tampa Bay Desalination Water Treatment Plant Expansion: Feasibility	Desalination Pilot Construction Contractor Services	Rowland, Inc.	2018-002	\$420,000	Uniform Rate Funds

DATE: April 6, 2020

TO: Board of Directors

THRU: Matt Jordan, General Manager

FROM: Charles H. Carden, Chief Operating Officer

SUBJECT: Liquid Ammonium Sulfate & Liquid Sodium Hypochlorite Supply Services at Brandon Urban Dispersed Well No. 7 Contract #2018-008, Amendment Three - *Approve*

SUMMARY

Tampa Bay Water uses Ammonium Sulfate in the treatment process at the Morris Bridge Water Treatment Facility. The current co-operative bid with the City of Tarpon Springs is set to expire on May 19, 2020. Tampa Bay Water wishes to add the Ammonium Sulfate chemical supply for Morris Bridge to another Tampa Bay Water Contract (No. 2018-008), which supplies Ammonium Sulfate and Sodium Hypochlorite to the Brandon Urban Dispersed Well No. 7 (BUD-7) Water Treatment Facility.

SUGGESTED ACTION

Approve Amendment Three to Contract No. 2018-008 with Hawkins, Inc. in the amount of \$148,000.00.

COST/FUNDING SOURCE

Uniform Rate of \$1.85 per gallon for Ammonium Sulfate and \$0.85 per gallon for Sodium Hypochlorite.

DISCUSSION

Tampa Bay Water desires to amend Contract #2018-008 to add a delivery location for Ammonium

Tampa Bay Water desires to amend Contract #2016-008 to add a delivery location for Ammonium Sulfate deliveries. The following table indicates the location information.

Morris Bridge Water Treatment Plant	Storage Capacity	Estimated Annual Quantity
17101 Bruce B. Downs Blvd. Tampa, Florida 33647	2 Tanks @ 1,325 gallons each	50,000 gallons

Amendment Three includes an increase to the contract value from \$48,750.00 to \$148,000.00 for additional deliveries of Ammonium Sulfate to the Morris Bridge Water Treatment Plant location.

The proposed amendment has been approved as to form by the Tampa Bay Water General Counsel's Office.

BACKGROUND

In 2016, the Morris Bridge Water Treatment Facility converted from the use of Aqueous Ammonia to Ammonium Sulfate as part of the disinfection process. In anticipation of this conversion, Tampa Bay Water entered into a co-operative bid process with the City of Tarpon Springs in April 2015. Contract No. 2016-701 was awarded to Hawkins, Inc. for a 5-year term, which is set to expire on May 19, 2020.

Hawkins, Inc. also supplies Tampa Bay Water with Ammonium Sulfate and Sodium Hypochlorite at the BUD-7 Water Treatment Facility under a different Contract (No. 2018-008). Staff recommends adding the supply of Ammonium Sulfate for the Morris Bridge Water Treatment Facility to the that contract for chemical supply for the BUD-7 Water Treatment Facility and increasing the annual contract value to \$148,000.00 due to the expiring co-operative Contract.

DATE: April 6, 2020

TO: Board of Directors

THRU: Matt Jordan, General Manager

FROM: Charles H. Carden, Chief Operating Officer

SUBJECT: Cypress Creek Purchasing Warehouse Building Replacement, Project 06320 - Environmental Resource Permit (ERP) application - *Approve*

SUMMARY

Contract 2019-011 was approved at the April 2019 board meeting for design build services for the Purchasing Warehouse Replacement Project. During the design phase of the project, the project team discovered that the Environmental Resource Permit (ERP) would not be exempted by Southwest Florida Water Management District, and a full modification to the existing permit would be required. This ERP is required for the construction of the project.

SUGGESTED ACTION

Approve submittal of an Environmental Resource Permit to the Southwest Florida Water Management District (SWFWMD) to implement the Cypress Creek Purchasing Warehouse Building Replacement Project.

COST/FUNDING SOURCE

Revenue Bonds

DISCUSSION

The Cypress Creek Purchasing Warehouse Replacement project was approved at the April 2019 board as a Design-Build with Wharton-Smith, Inc. The project scope is to demolish the existing warehouse and replace it with a new facility that better meets the Agency's needs and current building codes.

During the design phase of the Purchasing Warehouse Replacement Project, the project team met with multiple permitting agencies to determine permit requirements. During these meetings, SWFWMD indicated they would not consider an exception to the Environmental Resource Permit (ERP) for the project site, though the building footprint was substantially the same.

Tampa Bay Water engaged the design-builder to take on the additional ERP responsibilities for the building site, to research the site's 17 permit revisions, to develop a draft ERP, to modify their design for the permit changes, to provide a cost for constructing the additional site drainage requirement to meet SWFWMD requirements, and for additional costs for time delays due to the ERP process. A future board item will be required for a change order to the project for negotiated cost of these services.

Staff recommends approval to submit the attached application to SWFWMD. Following Board approval, the applications will be submitted on or after May 20, 2020. If a Host Member Government requests arbitration on this application, the application will be held for an additional 60 days and will be submitted on or after July 20, 2020, as required by the Amended and Restated Interlocal Agreement.

BACKGROUND

Contract 2019-011 was approved at the April 2019 board meeting with Wharton-Smith, Inc. for \$1,721,490 for Design-build services to replace the existing Purchasing Warehouse. The existing Purchasing Warehouse (located at 8865 Pump Station Road in Land O' Lakes, Florida) is a large pre-engineered metal building with two lean-to building components that have been added since the initial construction.

The design of the existing warehouse, originally built in 1998, does not provide sufficient enclosed storage space to meet the operational needs of Tampa Bay Water. In addition, the existing building was not designed under current code requirements related to wind loading. Since the cost estimate to renovate the building was \$1.4 million without certainty of renovated building life, staff determined it is more cost effective to replace the existing structure and lean-to's.

Attachment

Section E: Supplemental Information Required for Works or Other Activities Involving a Stormwater Management System (Other Than a Single-Family Project)

Instructions: The information listed in the checklists below represents the level of information that is usually required to evaluate an application. Information can be provided within reports, plans, and documents. The level of information required for a specific project will vary depending on the nature and location of the site and the activity proposed. Conceptual approvals generally do not require the same level of detail as a construction permit. However, providing a greater level of detail will reduce the need to submit additional information at a later date. If an item does not apply to your project, proceed to the next item. The supplemental information required by this section is in addition to the information required by Section A of the application.

Part 1: Stormwater Management System Summary

Provide drainage calculations, signed and sealed by an appropriate registered professional, and supporting documentation demonstrating that the proposed project meets the conditions for issuance under 62-330.301(1)(a),(b),(c),(e), F.A.C. The drainage calculations should include, but not necessarily be limited to, the following:

1. General Site Information: Please see Construction Plans and Geotechnical Report
 - a. Provide pre-development and post-development drainage map(s), as appropriate, that include drainage patterns and basin boundaries with acreage served by each hydraulically separate system, showing the direction of flows, including any off-site runoff being routed through or around the system; topographic information; and connections between wetlands and other surface waters.
 - b. Provide the results of any percolation tests, where appropriate, and soil borings that are representative of the actual site conditions. Identify the wet season high water table elevations, soil profiles, and hydraulic conductivity. Include dates, datum, and methods used to determine these soil parameters.
 - c. Identify the onsite hydrologic soil classification (e.g. Type A, B/D, D). Reference the source, such as the USDA/NRCS Soil Survey, used in estimating the onsite hydrologic soil classification. Provide maps, as appropriate, with the project limits delineated.
 - d. Identify the seasonal high water or mean high tide elevation for receiving waters/wetlands into which runoff will be discharged. Include dates, datum, and methods used to determine these elevations.
 - e. Identify the name of each receiving waterbody to which the proposed stormwater management system will discharge: .
 - f. Indicate the existing land use and land cover.
 - g. Provide the acreage and percentages of the total project, of the following:
 1. Impervious surfaces (excluding buildings, wetlands, and other surface waters);



2. Buildings;
 3. Pervious surfaces (green areas not including wetlands);
 4. Lakes, canals, retention areas, other open water areas; and
 5. Wetlands (Please compare to Section C to ensure consistency in wetland acreages).
- h. Provide the location and description of any nearby existing offsite features (such as wetlands and other surface waters, stormwater management ponds, and buildings or other structures) which might be affected by or affect the proposed construction or development.
Please refer to the Construction Plans.
2. Water Quality Analysis: Applicant is maintaining/upgrading existing stormwater treatment system, with no change in impervious area.
- a. Provide a description of the proposed stormwater treatment methodology that addresses the type of treatment, pollution abatement volumes, and recovery analysis.
 - b. Is the receiving waterbody known to be impaired and/or have an established Total Maximum Daily Load (TMDL) or Basin Management Action Plan (BMAP)? If so, please provide specific descriptions of all water quality parameters for which the waterbody is known to be impaired. For more information about water quality, impaired waters, and to determine whether a TMDL has been adopted in your project area, refer to: <https://floridadep.gov/dear/water-quality-evaluation-tmdl/content/final-tmdl-reports>. To determine whether a BMAP exists, or is being developed in your project area, refer to: <https://floridadep.gov/dear/water-quality-restoration/content/basin-management-action-plans-bmaps>.
 yes no don't know
If yes, provide calculations demonstrating that the proposed project will not contribute to violations of state water quality standards in accordance with the applicable Applicant's Handbook, Vol. II.
 - c. Does the project have a direct discharge to a Class I or II waters; Outstanding Florida Waters (OFW); or Class III waters, which are approved, conditionally approved, restricted, or conditionally restricted for shellfish harvesting? *To determine whether your project is within or will discharge to an OFW, or for more information about OFWs in general, refer to: <https://floridadep.gov/dear/water-quality-standards/content/outstanding-florida-waters>.*
 yes no don't know
If yes, additional treatment in accordance with the applicable Applicant's Handbook, Vol. II, may be required.
 - d. Provide construction plans and calculations that address the required treatment volume and recovery, as well as stage-storage and design elevations, which demonstrate compliance with the appropriate water quality treatment criteria in the applicable Applicant's Handbook, Vol. II.
 - e. Provide a description of the engineering methodology, assumptions, and references for the parameters listed above and a copy of all such computations, engineering plans, and specifications used to analyze the system. If a computer program is used for the analysis, provide the name of the program, a description of the program, input and output data, and justification for model selection.
Please refer to the Construction Plans.
3. Water Quantity Analysis: Applicant is maintaining/upgrading existing stormwater treatment system, with no change in impervious area.
Provide calculations and documentations demonstrating that the project, as proposed, meets the applicable design criteria as indicated in the applicable Applicant's Handbook, Vol. II. Typically, the information would include, at a minimum, but is not necessarily limited to, the following:
- a. For projects requiring pre-development analysis, provide an analysis of the pre-development peak rate of discharge and/or volume of runoff, for all design storm events.

Account for all onsite depressional storage and offsite contributing area. Please refer to the applicable Applicant's Handbook, Vol. II for the design storm event(s) that apply to your project.

- b. Provide an analysis of the post-development peak rate of discharge and/or volume of runoff for all applicable design storm events. Account for all onsite storage and offsite contributing area. Please refer to the applicable Applicant's Handbook, Vol. II for the design storm event(s) and criteria that apply to your project.

These analyses should include:

1. Runoff characteristics, including area, runoff curve number or runoff coefficient, and time of concentration for each drainage basin in the pre-development and post-development condition;
 2. Design storms used including rainfall depth, duration, frequency, and distribution;
 3. Runoff hydrograph(s) for each drainage basin, for all required design storm event(s);
 4. Stage-storage computations for any area, such as a reservoir, closed basin, detention area, or channel, used in storage routing;
 5. Stage-discharge computations for any storage areas at a selected control point, such as control structure or natural restriction;
 6. Flood routings through on-site conveyance and storage areas;
 7. Water surface profiles in the primary drainage system for each required design storm event(s);
 8. Runoff peak rates and volumes discharged from the site for each required design storm event(s);
 9. Design tailwater elevation(s) for each storm event at all points of discharge (include source or method of estimate); and
 10. Pump specifications and operating curves for range of possible operating conditions (if used in system).
- c. Provide a description of the engineering methodology, assumptions, and references for the parameters listed above, and a copy of all such computations, engineering plans, and specifications used to analyze the system. If a computer program is used for the analysis, provide the name of the program, input and output data, justification for model selection, and, if necessary, a description of the program.
4. Floodplain Analysis (where applicable). N/A - This project has no floodplain impacts.
- a. If the project is in a known floodplain of a stream or other water course, identify the appropriate floodplain boundary and approximate flooding elevations of any lake, stream, or other watercourse located on or adjacent to the site.
 - b. For traversing works, in accordance with the applicable Applicant's Handbook, Vol. II, provide:
 1. Hydraulic calculations for all proposed traversing works; and
 2. Water surface profiles showing upstream impact of traversing works.
 - c. For impacts to regulated floodplains, in accordance with the applicable Applicant's Handbook, Vol. II, provide:
 1. Location and volume of encroachment within regulated floodplain(s); and
 2. Plans and calculations for compensating floodplain storage, if necessary, and calculations required for determining minimum building and road flood elevations.

Part 2: Construction Plans

1. Provide clear, construction level detailed plans for the system. The plans must be signed and sealed by an appropriate registered professional as required by law. These plans should include cumulative information from all applicable sections, as well as the following:
 - a. Project area boundary and total land area (as defined in A.H. Vol. I, subsection 2.0(a)(107), including distances and orientation from roads or other landmarks.
 - b. Existing topography extending at least 100 feet off the project area. All topography shall include location and description of benchmarks, reference to NGVD 1929 or NAVD 1988 along with the conversion factor.
 - c. Proposed site plan with acreage, including the following:
 1. plan view of proposed development, including impervious surfaces and water management areas;
 2. land cover and natural communities*;
 3. wetlands and other surface waters*;
 4. undisturbed uplands*;
 5. aquatic communities*;
 6. proposed buffers*;
 7. proposed impacts to wetlands and other surface waters, and any proposed connections/outfalls to other surface waters or wetlands, (if applicable); and
 8. onsite wetland mitigation areas*.
 9. For phased projects, provide a master development plan clearly delineating the limits of each phase of construction.

*Information should reflect that provided in Section C.
 - d. Paving, Grading, and Drainage Information, which includes, but is not necessarily limited to, the following:
 1. Existing topography;
 2. Boundaries of wetlands and other surface waters and upland buffers (see Section C);
 3. Plan view of proposed development;
 4. Proposed elevations and/or profiles, including:
 - a) roadway, parking, and pavement grades;
 - b) floor slabs, walkways, and other paved surfaces;
 - c) earthwork grades for pervious landscaped areas; and
 - d) perimeter site grading, tying back into existing grades.
 5. Location of all water management areas, including elevations, dimensions, side slopes, and design water depths;
 6. Location, size, and invert elevations of existing and proposed stormwater conveyance systems;
 7. Vegetative cover plan for all on-site and off-site earth surfaces disturbed by construction; and
 8. Rights-of-way and easements for the system, including all on-site and off-site areas to be reserved for water management purposes (including access), and rights-of-way and easements for the existing drainage system, if any.
 - e. Stormwater detail information, including but not necessarily limited to, the following:
 1. Cross section of all stormwater management areas, including elevations, dimensions, side slopes, and proposed stabilization measures (with location of the cross section(s) shown on the corresponding plan view);
 2. Detail of all proposed control structures, including elevations, dimensions, and skimmer, where applicable; and

3. Details of proposed stormwater management systems, such as underdrains, exfiltration trenches, vaults, and other proposed Best Management Practices (BMPs).

f. Location and description of any nearby existing offsite features (such as wetland and other surface waters, stormwater management ponds, and building or other structures) which might be affected by or affect the proposed construction or development.

Part 3: Construction Schedule and Techniques Please refer to Construction Plans

Provide a construction schedule, and a description of construction techniques, sequencing, and equipment. This information should include, as applicable, the following.

- a. Access and staging of equipment;
- b. Location and details of the erosion, sediment, and turbidity control measures to be implemented during each phase of construction and all permanent control measures to be implemented in post-development conditions.
- c. The location of disposal site(s) for any excavated material, including temporary and permanent disposal sites.
- d. A demolition plan for any existing structures to be removed.
- e. Dewatering plan details. If dewatering is required, detail the dewatering proposal including the methods that are proposed to contain the discharge, methods of isolating dewatering areas, and indicate the period dewatering structures will be in place. **Note: A Consumptive Use or Water Use permit may be required for dewatering.**
- f. Methods for transporting equipment and materials to and from the work site. If barges are required for access, provide the low water depths and draft of the fully loaded barge;

Part 4: Operation and Maintenance and Legal Documentation: Please refer to Construction Plans.

- a. Describe the overall maintenance and operation schedule for the proposed system.
- b. Identify the entity (or entities) that will be responsible for operating and maintaining the system (or parts of the system) to demonstrate that the entity (or entities) meet(s) the requirements of section 12.3 of the Applicant's Handbook, Vol. I.
 - 1. If different from the permittee, provide a draft document enumerating the enforceable affirmative obligations on the entity to properly operate and maintain the system for its expected life and documentation of the entity's financial responsibility for long-term maintenance.
 - 2. If the proposed operation and maintenance entity is not a property owner's association, provide proof of the existence of an entity or the future acceptance of the system by an entity which will operate and maintain the system.
- c. Provide drafts of all proposed conservation easements, stormwater management system easements, draft property owner's association documents, and plats for the property containing the proposed system.
- d. Provide legal reservations for access to the treatment system for maintenance and operation by future maintenance entities for subdivided projects.
- e. Provide indication of how water and wastewater service will be supplied.

- f. Provide a copy of the boundary survey and/or legal description and acreage of the total land area of contiguous property owned/controlled by the applicant.
- g. If any associated land agreements are required to implement the proposed activities, such as flowage easements across lands not owned by the applicant, include such documentation. If negotiations are underway, but not yet concluded, regarding such land use agreements, please indicate that and provide an anticipated date for providing that documentation. A permit cannot be issued for an activity to use lands that are not owned by the applicant or for which the applicant does not hold a sufficient real property interest to use those lands.

Part 5: Water Use N/A - existing building replacement in same footprint

- a. Describe how irrigation will be provided to the project. Will the surface water system be used for water supply, including landscape irrigation, or recreation?
- b. If a Consumptive Use or Water Use permit has been issued for the project, state the permit number:
- c. If a Consumptive Use or Water Use permit has not been issued for the project, indicate if such a permit will be required. yes no don't know
If yes, please indicate when the application for a permit will be submitted:
- d. Indicate how any existing wells located within the project site will be utilized or abandoned.

Part 6: Special Basin Information

- a. Is your project within a special basin as described in the applicable Applicant's Handbook, Vol. II?
 yes no don't know
- b. If yes, please demonstrate that the project will meet the applicable special basin criteria.

Application for Individual and Conceptual Approval Environmental Resource Permit and Authorization to Use State-Owned Submerged Lands

Florida Department of Environmental Protection/
Water Management Districts

Effective June 1, 2018



Instructions for Use of This Form:

This form is designed to assist you in submitting a complete application. All applications must include Section A-General Information for All Activities. Sections B through H list typical information that is needed based on the proposed activities and are only required as applicable. Part 1-C of Section A will guide you to the correct sections needed based on your proposed activities. Applicants are advised to consult Chapter 62-330, F.A.C., and the Environmental Resource Permit Applicant’s Handbooks Volumes I and II for information regarding the ERP permitting process and requirements while preparing their application. Internet addresses for Chapter 62-330, F.A.C., and the Applicant’s Handbook, Agency contact information, and additional instructions for this form can be found in Attachment 1.

What Sections of the Application Must I Fill Out?

Type of Activity	Section A	Section B	Section C	Section D	Section E	Section F	Section G	Section H
Fill in wetlands or waters for a single family residence?	Y	Y	N	N	N	N	N	N
Docks, shoreline stabilization, seawalls associated with a single family residence?	Y	Y	N	N	N	Y, as needed	N	N
Wetland impacts (other than association with an individual residence)?	Y	N	Y	N	N	N	N	N
Boating facilities, a marina, jetty, reef, or dredging?	Y	N	Y	Y	N	Y, as needed	N	N
Any work on state owned submerged land?	Y	N	Y	N	N	Y	N	N
Construction of a stormwater management system?	Y	N	Y, as needed	N	Y	N	N	N
Constructing a mitigation bank?	Y	N	Y	N	Y, as needed	N	Y	N
Creating a mine?	Y	N	Y, as needed	N	N	N	N	Y

Note- if you are required to provide Section B, then you do not have to provide any other Sections, unless the activities are on state-owned submerged lands. In that case, Section F will also be required.

If you have any questions, or would like assistance completing this form, please contact the staff of the nearest office of either the Florida Department of Environmental Protection (DEP) or a Water Management District (WMD) (see Attachment 2).

Section A: General Information for All Activities

Part 1: Name, Application Type, Location, and Description of Activity

A. Name of project, including phase if applicable:

B. This is for (check all that apply):

- Construction and operation of **new** works, activities, and/ or a stormwater management system
- Conceptual Approval** of proposed works, activities and/ or a stormwater management system
- Modification or alteration of **existing** works, activities, and/or a stormwater management system. Provide the existing DEP or WMD permit #, if known: Note: Minor modifications do not require completion of this form, and may instead be requested by letter in accordance with section 6.2 of Applicant's Handbook Volume I.
- Maintenance or repair** of works, activities, and/ or a stormwater management system previously permitted by the DEP or WMD. Provide existing permit #, if known:
- Abandonment or removal of works, activities, and/ or a stormwater management system. Provide existing DEP or WMD permit #, if known:
- Operation of an **existing unpermitted** work, activity, and/or stormwater management system.
- Construction of additional phases of a permitted work, activity, or system. Provide the existing DEP or WMD permit #, if known:

C. **List the type of activities proposed. Check all that apply, and provide the supplemental information requested in each of the referenced application sections.** Please also reference Applicant's Handbook Volumes I and II for the type of information that may be needed.

- Activities associated with one single-family residence, duplex, triplex, or quadruplex that do not qualify for an exemption or a General Permit: **Provide the information requested in Section B. Do not complete Section C.**
- Activities within wetlands or surface waters, or within 25 feet of a wetland or surface water, (not including the activities associated with an individual single-family residence). Examples include dredging, filling, outfall structures, docks, piers, over-water structures, shoreline stabilization, mitigation, reclamation, and restoration/enhancement. **Provide the information requested in Section C.**

- Activities within navigable or flowing surface waters such as a multi-slip dock or marina, dry storage facility, dredging, bridge, breakwaters, reefs, or other offshore structures: **In addition to Section C, also provide the information requested in Section D.**
- Activities that are (or may be) located within, on, or over state-owned submerged lands (See Chapter 18-21, F.A.C. <https://www.flrules.org/gateway/ChapterHome.asp?Chapter=18-21>): **In addition to Section B or C, also provide the information requested in Section F.**
- Construction or alteration of a stormwater management system serving residential, commercial, transportation, industrial, agricultural, or other land uses, or a solid waste facility (excluding mines that are regulated by DEP). **Provide the information requested in Section E.**
- Creation or modification of a Mitigation Bank (refer to Chapter 62-342, F.A.C. <https://www.flrules.org/gateway/ChapterHome.asp?Chapter=62-342>): **Provide the information requested in Section G.**
- Mines (as defined in Section 2.0 of Applicant's Handbook Volume I) that are regulated by the DEP: **Provide the information requested in Section H.**
- Other, describe: Please contact the Agency to determine which additional sections of the application are needed. See Attachment 2 for Agency contacts.

D. Describe in general terms the proposed project, system, works, or other activities. For permit modifications, please briefly describe the changes requested to the permit:

E. Project/Activity Street/Road Address or other location (if applicable):

City: _____ County(ies): _____ Zip: _____

Note: For utility, road, or ditch/canal activities, provide a starting and ending point using street names and nearest house numbers or provide length of project in miles along named streets or highways.

F. Project location map and Section, Township, and Range information (use additional sheets if needed):

Please attach a location map showing the location and boundaries of the proposed activity in relation to major intersections or other landmarks. The map should also contain a north arrow and a graphic scale; show Section(s), Township(s), and Range(s); and must be of sufficient detail to allow a person unfamiliar with the site to find it.

Section(s): _____ Township: _____ Range: _____ Land Grant name, if applicable: _____

Section(s): _____ Township: _____ Range: _____

1. Section(s): _____ Township: _____ Range: _____

G. Latitude (DMS) ° ' " Longitude (DMS) ° ' " (Taken from central location of the activity). Explain source for obtaining latitude and longitude (i.e. U.S.G.S. Quadrangle Map, GPS, online resource):

H. Tax Parcel Identification Number(s):

[Number may be obtained from property tax bill or from the county property appraiser's office; if on multiple parcels, provide multiple Tax Parcel Identification Numbers]

I. Directions to Site (from major roads; include distances and landmarks as applicable):

J. Project area or phase area: acres

K. Name of waterbody(ies) (if known) in which activities will occur or into which the system will discharge:

The following questions (M-O) are not applicable to activities related to an individual single-family residence, including a dock, pier, and/or seawall associated with that residence.

L. Is it part of a larger plan of development or sale? yes no

M. Impervious or semi-impervious area excluding wetlands and other surface waters (if applicable):

 acres or square feet

N. Volume of water the system is capable of impounding (if applicable): N/A

Normal Pool: acre-feet. Depth ft.
 Maximum Pool: acre-feet. Depth ft.

Part 2: Supplemental Information, and Permit History

A. Is this an application to modify an existing Environmental Resource Permit or to construct or implement ~~for~~ part of a multi-phase project, such as a project with a Conceptual Approval permit? Yes No (If you answered "yes", please provide permit numbers below):

Agency	Date	Permit/Application No.	Project Name

E-mail Address:

Correspondence will be sent via email, unless you check here to receive it via US Mail:

B. Land Owner(S) (If Different or in Addition to Applicant)

Check here if land owner is also a co-applicant

Last Name: First Name: Middle Initial:
Title: Company:
Address:
City: State: Zip:
Home Telephone: Work Telephone:
Cell Phone:
E-mail Address:

Correspondence will be sent via email, unless you check here to receive it via US Mail:

C. Operation and Maintenance Entity(see Applicant’s Handbook I, Section 12.3)

Last Name: First Name: Middle Initial:
Title: Company:
Address:
City: State: Zip:
Home Telephone: Work Telephone:
Cell Phone:
E-mail Address:

Correspondence will be sent via email, unless you check here to receive it via US Mail:

D. Co-Applicant (If Different or In Addition to Applicant and Owner)

Last Name: First Name: Middle Initial:
Title: Company:
Address:
City: State: Zip:
Home Telephone: Work Telephone:
Cell Phone:
E-mail Address:

Correspondence will be sent via email, unless you check here to receive it via US Mail:

E. Registered Professional Consultant

This is a contact person for additional information

Last Name: First Name: Middle Initial:
Title: Company:
Address:
City: State: Zip:
Home Telephone: Work Telephone:
Cell Phone:
E-mail Address:

Correspondence will be sent via email, unless you check here to receive it via US Mail:

F. Environmental Consultant

This is a contact person for additional information

Last Name: First Name: Middle Initial:
Title: Company:
Address:
City: State: Zip:
Home Telephone: Work Telephone:
Cell Phone:
E-mail Address:

Correspondence will be sent via email, unless you check here to receive it via US Mail:

G. Agent Authorized to Secure Permit (If Different from Consultant)

Last Name: First Name: Middle Initial:
Title: Company:
Address:
City: State: Zip:
Home Telephone: Work Telephone:
Cell Phone:
E-mail Address:

Correspondence will be sent via email, unless you check here to receive it via US Mail:

If necessary, please add additional pages for other contacts and property owners related to this project.

H. Real Property Interest

- a. Permits are only issued to entities having sufficient real property interest as described in Section 4.2.3(d) of Applicant's Handbook Volume I. **Please attach evidence of the applicant's real property interest over the land upon which the activities subject to the application will be conducted, including mitigation areas (if applicable).** Refer to Sections 4.2.3(d)-(e) for sufficient real property interest documentation.
- b. For activities that require a recorded notice in accordance with rule 62-330.090(7), F.A.C., please provide either the complete legal description of the property or a copy of the pages of the document recorded in the public records that contains the complete legal description. If the land upon which the proposed activities are to occur is not owned by the applicant, the applicant must also provide copies of any right-of-way, leases, easements, or other legal agreement which authorizes the applicant to perform the activities on those lands.

Part 4: Signatures and Authorization to Access Property

Instructions: For multiple applicants please provide a separate Part 4 for each applicant. For corporations, the application must be signed by a person authorized to bind the corporation. A person who has sufficient real property interest (see Section 4.2.3(d) of Applicant's Handbook Volume I) is required in (B) to authorize access to the property, except when the applicant has the power of eminent domain.

A. By signing this application form, I am applying for the permit and any proprietary authorizations identified above, according to the supporting data and other incidental information filed with this application. I am familiar with the information contained in this application and represent that such information is true, complete and accurate. I understand this is an application and not a permit, and that work prior to approval is a violation. I understand that this application and any permit issued or proprietary authorization issued pursuant thereto does not relieve me of any obligation for obtaining any other required federal, state, water management district, or local permit prior to commencement of construction. I agree to operate and maintain the permitted system unless the permitting agency authorizes transfer of the permit to a different responsible operation and maintenance entity. I understand that knowingly making any false statement or representation in this application is a violation of Section 373.430, F.S. and 18 U.S.C. Section 1001.

Typed/Printed Name of Applicant or Applicant's Authorized Agent

Signature of Applicant or Applicant's Authorized Agent

Date

(Corporate Title if applicable)

B. Certification of Sufficient Real Property Interest And Authorization For Staff To Access The Property:

I certify that:

I possess sufficient real property interest in or control, as defined in Section 4.2.3 (d) of Applicant's Handbook Volume I, over the land upon which the activities described in this application are proposed and I have legal authority to grant permission to access those lands. I hereby grant permission, evidenced by my signature below, for staff of the Agency to access, inspect, and sample the lands and waters of the property as necessary for the review of the proposed works and other activities specified in this application, upon advance notice. I authorize these agents or personnel to enter the property as many times as may be necessary to make such review, inspection, and/or sampling. Further, if a permit is granted, upon advance notice, I agree to provide entry to the project site for such agents or personnel with proper identification to determine compliance with permit conditions and permitted plans and specifications.

OR

I represent an entity having **the power of eminent domain and condemnation authority**, and I/we shall make appropriate arrangements to enable staff of the Agency to legally access, inspect, and sample the property as described above.

Typed/Printed Name

Signature

Date

(Corporate Title if applicable)

C. Designation of Authorized Agent (If Applicable):

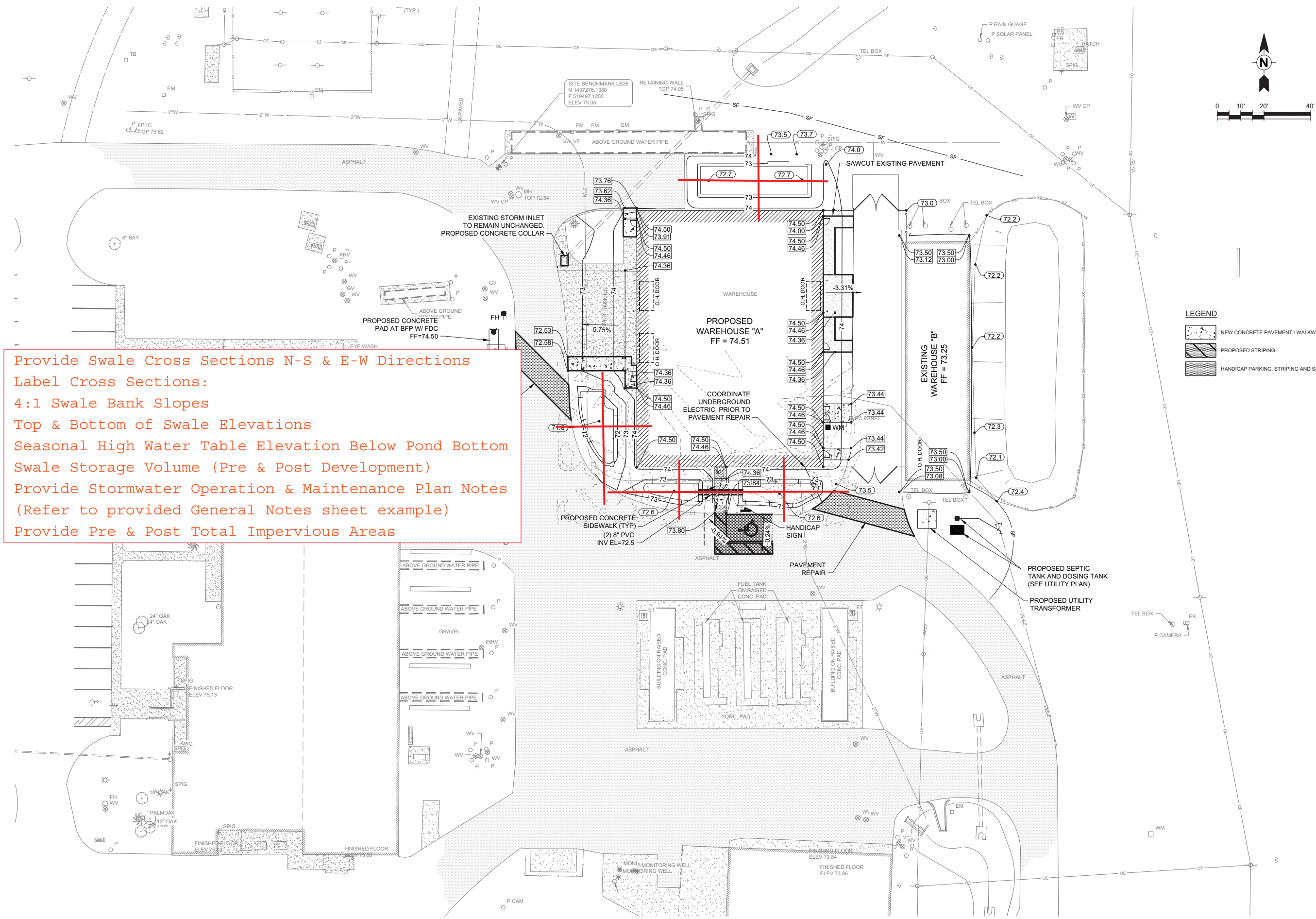
I hereby designate and authorize _____ to act on my behalf, or on behalf of my corporation, as the agent in the processing of this application for the permit and/or proprietary authorization indicated above; and to furnish, on request, supplemental information in support of the application. In addition, I authorize the above-listed agent to bind me, or my corporation, to perform any requirements which may be necessary to procure the permit or authorization indicated above. I understand that knowingly making any false statement or representation in this application is a violation of Section 373.430, F.S. and 18 U.S.C. Section 1001.

Typed/Printed Name of Applicant

Signature of Applicant

Date

(Corporate Title if applicable)



Provide Swale Cross Sections N-S & E-W Directions
Label Cross Sections:
4:1 Swale Bank Slopes
Top & Bottom of Swale Elevations
Seasonal High Water Table Elevation Below Pond Bottom
Swale Storage Volume (Pre & Post Development)
Provide Stormwater Operation & Maintenance Plan Notes
(Refer to provided General Notes sheet example)
Provide Pre & Post Total Impervious Areas

Plot-C:\Dropbox (AppliedSciences)\Dropbox ASCI Internal Palmetto CFI 2019\CADD\PLANS\90_PERCENT\2_3_GENERAL_NOTES.dwg - Jun 20, 2020 @ 3:42pm - ASCI

CONSTRUCTION MATERIALS (CONT'D):

3. UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS AND SPECIFICATIONS, THE CONTRACTOR SHALL PROVIDE SUITABLE BORROW MATERIAL, APPROVED BY THE ENGINEER, AND INSTALL SAID MATERIAL IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
4. CONSTRUCTION AND MATERIALS SHALL CONFORM TO SPECIFICATIONS AND DETAILS OF THE CITY UNLESS OTHERWISE SPECIFIED.
5. INSPECTION OF, OR FAILURE TO INSPECT ANY MATERIALS OR WORKMANSHIP SHALL IN NO WAY RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO PERFORM THE WORK IN ACCORDANCE WITH APPLICABLE PLANS, SPECIFICATIONS, AND REGULATIONS.
6. EXCEPT FOR THE COST OF EXCAVATING UNSUITABLE MATERIAL AND THE COST OF FURNISHING, PLACING AND COMPACTING FILL TO REPLACE UNSUITABLE MATERIAL, THE CONTRACT PRICE FOR GRADING SHALL INCLUDE THE COST OF ALL EMBANKMENT AND EXCAVATION, GRADED CONNECTIONS, DE-WATERING, FINAL DRESSING, AND SIMILAR EARTHWORK OPERATIONS REQUIRED FOR THE COMPLETION OF THIS PROJECT.
7. ALL EXCESS MATERIALS RESULTING FROM EXCAVATION FOR CONSTRUCTION OF THE PROJECT SHALL BE DISPOSED OF BY THE CONTRACTOR AT A SITE PROVIDED BY THE CONTRACTOR, AND SATISFACTORY TO THE CITY. COST TO BE INCLUDED IN CONTRACT BID PRICES.
8. ALL EXCESS MATERIALS RESULTING FROM EXCAVATION TO BE USED ANYWHERE WITHIN THE PROJECT SHALL BE CLEAN, FREE OF VEGETATION, RUBBLE AND DEBRIS, AND SPREAD AND COMPACTED IN LIFTS DESIGNATED BY THE TESTING LABORATORY TO THE REQUIRED ELEVATION AS SHOWN ON THE PLANS. ALL EXCESS CLEAN MATERIAL LEFT OVER FROM THE PROJECT WILL BECOME PROPERTY OF CONTRACTOR AND SHALL BE TRANSPORTED BY THE CONTRACTOR.
9. NO MATERIALS OR EQUIPMENT WILL BE STORED ON THE SITE WITHOUT EXPRESS WRITTEN PERMISSION FROM THE CITY PROJECT MANAGER. ALL MATERIALS ARE THE PROPERTY OF THE CONTRACTOR UNTIL INSTALLED, INSPECTED, AND FORMALLY ACCEPTED BY THE CITY. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY PROMPT REPLACEMENT OF ANY MATERIALS LOST, DAMAGED OR STOLEN, PRIOR TO THE CITY'S FORMAL ACCEPTANCE, REGARDLESS OF REASON FOR LOSS OR LOCATION OF LOSS.
10. MATERIALS AND CONSTRUCTION METHODS FOR STREETS AND STORM DRAINAGE SHALL BE IN ACCORDANCE WITH THE LOCAL REGULATORY AGENCY AND THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.

AS-BUILT DRAWING REQUIREMENTS

1. AS-BUILT DRAWINGS WILL BE SUBMITTED TO THE ENGINEER, BY THE CONTRACTOR, PRIOR TO FINAL INSPECTION OF THE WORK. AFTER REVIEW AND APPROVAL BY THE ENGINEER, FINAL AS-BUILT DRAWINGS (2 COPIES) SHALL BE PROVIDED TO THE CITY PROJECT MANAGER. AS-BUILTS SHALL BE CERTIFIED BY A FLORIDA LICENSED LAND SURVEYOR, AND SHALL BE PROVIDED IN SIGNED AND SEALED PAPER FORMAT AND ELECTRONIC AUTOCAD DWG FORMAT.
2. ALL DIMENSIONS REFERENCED ON THE AS-BUILTS MUST BE PARALLEL TO OR PERPENDICULAR TO THE BASELINE.
3. AS-BUILT DRAWINGS FOR ALL CONSTRUCTION WITHIN CITY RIGHTS OF WAY SHALL CONFORM TO THE REQUIREMENTS OF CITY.
4. THE FOLLOWING INFORMATION (AT A MINIMUM) MUST BE PROVIDED ON AS-BUILT DRAWINGS:
 - * LOCATE ALL DRAINAGE STRUCTURES IN TWO HORIZONTAL DIRECTIONS
 - * INDICATE LOCATIONS AND ELEVATIONS FOR ALL DRAINAGE STRUCTURE TOPS, GRATES, STRUCTURE INVERTS, WEIRS, ORIFICES, AND PIPE INVERTS
 - * PROVIDE HORIZONTAL AND VERTICAL LOCATION ALL MITERED END SECTIONS, ENDWALLS, CONCRETE COLLARS, DITCH PAVING OR OTHER DRAINAGE FEATURES CONSTRUCTED.
 - * INDICATE ALL PIPE SIZES AND TYPE.
 - * OBTAIN TOP OF BANK, TOE OF SLOPE, GRADE BREAKS, BOTTOM OF POND, AND OTHER INFORMATION AS NECESSARY TO SHOW HORIZONTAL AND VERTICAL CONFORMANCE TO THE CONSTRUCTION PLANS.
 - * OBTAIN SUFFICIENT ELEVATIONS ON ALL PAVEMENTS, CURB AND GUTTER, GRASSED AREAS, SIDEWALKS TO SHOW POSITIVE DRAINAGE AND CONFORMANCE WITH THE PLANS.

Stormwater Management System Operation and Maintenance Plan

1. Maintenance of the privately owned stormwater management system is the responsibility of the owner.
2. All stormwater pipes, inlets, catch basins, manholes, flumes, pond inflow and outfall structures (including oil skimmers), and discharge pipes shall be inspected on a regular basis (monthly or quarterly) and after major rainfalls. They shall be maintained by removing built-up debris, vegetation, and repairing deteriorating structures.
3. Accumulated pond sediments may contain heavy metals such as lead, cadmium, and mercury, as well as other potentially hazardous materials. Sediments removed from storm sewers, inlets, pipes, and ponds shall be disposed of at an approved facility (check with your County/City Solid Waste Department or the Florida Department of Environmental Protection for disposal facilities approved to accept stormwater treatment pond sediment).
4. All sodded pond side slopes and berms shall be maintained by periodic mowing and cleaned of accumulated refuse. Sod or seed all bare pond side slopes and berms areas. Repair eroded or damaged areas by replacing eroded soil areas and bring the soil fill areas to the required grade.
5. On a monthly or quarterly basis, and after severe fall events, check the area in front of the pond outfall control structure and remove any built-up sediments, vegetation, trash and debris that may impair the operation of the structure.
6. During any repair or maintenance activity, use care to avoid causing erosion or siltation to adjacent or off-site areas.
7. Do not cut, mow, or use herbicide to remove any vegetation in the pond littoral zone without prior approval from the permitting agency.
8. Alterations (filling, enlarging, etc.) of any part of the stormwater facility is not permitted without prior approval from all applicable governing agencies.
9. Chemicals, oils, greases or similar wastes are not to be disposed of directly to the stormwater facility or through storm sewers. The stormwater treatment pond is designed to treat normal road, parking lot, roof and yard stormwater runoff only.
10. Some chemicals may interfere with the stormwater treatment pond's function or kill vegetation and wildlife. Dispose all potentially dangerous materials properly by taking them to recycling facilities or to collection locations sponsored by local government agencies. Do not dispose of grass clippings in the stormwater drainage system. Grass clippings pose problems by smothering desirable vegetation, clogging outfall structures and, when they decompose, may cause unsightly algae blooms that can kill living organisms critical to stormwater treatment.
11. To minimize mosquito growth, do not dump grass clippings or other organic debris into the stormwater drainage system. Decaying grass clippings and other decomposing vegetation create conditions for breeding mosquitoes. Clean out any obstructions that get into the stormwater drainage system. Debris can obstruct flow and harbor mosquito eggs and larvae.

REVISIONS:			
NO.	DATE	DESCRIPTION	APPROVED

STATE OF FLORIDA CERTIFICATE
AUTHORIZATION NO. 00026527



APPLIED SCIENCES CONSULTING, INC.
1000 N. ASHLEY DRIVE, SUITE 500
TAMPA, FLORIDA 33602
PH: (813) 228-0900 - FAX: (813) 434-2454



CITY OF PALMETTO

	NAME	DATE
DESIGNED BY:	RSW	01/2020
DRAWN BY:	MKH	01/2020
CHECKED BY:	RSW	01/2020
SCALE:		
AS PROJECT #:		

SOUTHEAST RIVERSIDE WATER QUALITY
IMPROVEMENTS

GENERAL NOTES

ROBERT S. WRONSKI STATE OF FLORIDA,
PROFESSIONAL ENGINEER, LICENSE NO. 67701.
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED
AND SEALED BY ROBERT S. WRONSKI, P.E. ON
JANUARY 24, 2020 USING A SHA-1 AUTHORIZATION
CODE. PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED AND THE
SHA-1 AUTHORIZATION CODE MUST BE VERIFIED
ON THE ELECTRONIC COPIES.

SHEET NO:
3

DATE: April 6, 2020

TO: Board of Directors

THRU: Matt Jordan, General Manager

FROM: Kenneth R. Herd, Chief Science and Technical Officer

SUBJECT: C.W. Bill Young Regional Reservoir - Mowing Grounds Services, Contract No. 2020-041 in the amount of \$175,000 per year - *Approve*

SUMMARY

Mowing and vegetation management is an important part of the monitoring and maintenance program at the C.W. Bill Young Regional Reservoir. In December 2019, Tampa Bay Water was informed the mowing contractor, LawnWalker Services (Contract No. 2019-013) would not renew the contract for a second year. A solicitation of services was advertised and bid and the lowest, responsive, responsible bidder is A.J. Landscaping, LLC in the amount of \$175,000. The contract term is two-years with three additional option years.

SUGGESTED ACTION

Approve Contract 2020-041 to the lowest, responsive, responsible bidder, A.J. Landscaping, LLC., in the amount of \$175,000 (\$143,550.00 basis of award plus an additional Owners Allowance of \$34,450.00) per year for two years with three additional option years.

COST/FUNDING SOURCE

\$175,000 per year / Uniform Rate. Fiscal Year 20/21 budget and proposed 21/22 budget

DISCUSSION

On December 19, 2019, Tampa Bay Water posted an Invitation for Sealed Bids (ITB) for the C.W. Bill Young Regional Reservoir – Mowing and Miscellaneous Grounds Services. More than 269 contractors were notified through advertisement on DemandStar and Tampa Bay Water’s website. Tampa Bay Water added nine known contractors as supplemental contractors and 26 contractors downloaded the bid plans. A mandatory pre-bid meeting was conducted on January 22, 2020, at which 17 contractors were present.

On February 19, 2020, sealed bids were received and publicly opened as follows:

1.	A.J. Landscaping, LLC	\$143,550.00
2.	Sumner Land Management	\$184,110.00
3.	Stag Industries, LLC	\$185,600.00
4.	LawnWalker Services, Inc.	\$190,130.00
5.	Seedway, LLC	\$258,686.20
6.	Paff Landscape	\$318,708.00

The initial contract period will expire on May 1, 2022 with option to renew the contract for an additional three (3) years, one (1) year at a time, upon written mutual agreement of both parties.

Staff recommends that Contract No. 2020-041 be approved in the amount of \$175,000.00 (per year) to the lowest, responsive, responsible bidder, A.J. LANDSCAPING, LLC. Funds for this work will be included in each fiscal year budget.

The proposed contract is available upon request and will be reviewed and approved as to form by Tampa Bay Water’s General Counsel. A copy of the contract bid form can be provided upon request.

BACKGROUND

Tampa Bay Water entered into Contract 2011-027 with Kiewit Infrastructure South Corporation (Kiewit) in August 2011 for the Facility Renovation Work associated with the C.W. Bill Young Regional Reservoir. As part of the contract agreement a five-year Operation, Monitoring and Maintenance period was to be performed by Kiewit. Kiewit subcontracted the Maintenance portion to Veolia North America (Veolia) which included mowing and maintaining the above referenced areas associated with the Reservoir. In October 2018, the 2nd Amendment to the Facility Renovation Work Agreement was executed that established a date certain contract end date of March 29, 2019. Contract 2019-013 with LawnWalkers Services, Inc. (LawnWalker) was approved in February 2019 to replace services being performed by Veolia under the Kiewit contract. LawnWalker elected not to renew their contract after the first year. The attached services contract that is being requested for approval is to replace services that were provided by LawnWalker over the last year.

DATE: April 6, 2020

TO: Board of Directors

THRU: Matt Jordan, General Manager

FROM: Kenneth R. Herd, Chief Science and Technical Officer

SUBJECT: Optimized Regional Operations Plan (OROP); 2020 Biennial Operations Plan Report; Submittal to Southwest Florida Water Management District - *Approve*

SUMMARY

The Consolidated Water Use Permit for 11 wellfields requires that Tampa Bay Water submit to the Southwest Florida Water Management District by July 1, a Biennial Operations Plan report representing the prior two water years. This biennial report includes routine updates to OROP control point target levels; which requires Board approval prior to submittal to the District.

SUGGESTED ACTION

Approve updated OROP control points and target levels for submittal to the Southwest Florida Water Management District in the Operations Plan biennial report.

COST/FUNDING SOURCE

N/A

DISCUSSION

The Consolidated Water Use Permit requires that Tampa Bay Water submit to the Southwest Florida Water Management District (the District) an Operations Plan Report by July 1 of years 2012, 2014,

2016, 2018, and in conjunction with the application to renew the Consolidated Permit in 2020. The Operations Plan is considered a Primary Environmental Permit. Therefore, changes to the Operations Plan, such as new or replacement control points or changes to target levels, require Tampa Bay Water Board approval prior to submittal to the District. These approvals are then subject to arbitration by the Member Governments according to the Amended & Restated Interlocal Agreement.

The primary purpose of the Operations Plan biennial report (attached) is to describe Tampa Bay Water's water supply operations for the prior two-year reporting period. This reporting period is from October 1, 2017 through September 30, 2019. The biennial report contains the following types of information:

- historic wellfield production as monthly and annual summaries
- summary of hydrologic conditions
- water-level hydrographs for control point wells
- review of Central System (groundwater wellfields) operations
- summary of work plan activities
- description of infrastructure changes
- summary of Environmental Management Plan wetland referrals
- assessment of control points

The Optimized Regional Operations Plan develops a weekly well production schedule based on changes in water levels (in response to changes of well pumpage) at 42 surficial aquifer and Floridan Aquifer monitor wells which have been identified as control points. Assessments of these control points, including identification of new control points, replacement control points, and updates to control point target levels, are included in the Operations Plan biennial report.

Staff has completed the regression analysis update for the OROP control points (see Section L of the attached Biennial Report). The recommended changes to the Operations Plan are: 1) the updated control point target levels as indicated on Table L-1; 2) an Environmental Management Plan assessment that recommended the addition of a control point at the Cypress Bridge wellfield (CYB-WT5-1950, see attachment K).

Staff recommends Board approval of the updated control points and target levels as indicated on Table L-1 of the Biennial Report for submittal to the District.

BACKGROUND

The Operations Plan report is considered a Primary Environmental Permit as defined in the Amended & Restated Interlocal Agreement. Due to the time clock for arbitration associated with Primary Environmental Permits, staff developed a report preparation schedule that allows for Board approval of the changes to the Operations Plan in a timely fashion to comply with arbitration provisions of Section 3.13 of the Amended & Restated Interlocal Agreement prior to submittal of the operations plan report to the District by July.

Attachment

OPERATIONS PLAN BIENNIAL REPORT

SUBMITTED TO THE
SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

JULY 2020

**TAMPA
BAY
WATER**
Supplying Water To The Region



INTRODUCTION

The renewed Consolidated Water Use Permit (No. 20011771.001) (Consolidated Permit) was issued January 25, 2011. Condition 4 of this permit requires Tampa Bay Water to submit a biennial Operations Plan Report to the District for the previous two water years by July 1 of years 2012, 2014, 2016, 2018 and in conjunction with the application to renew the Consolidated Permit in 2020. The reporting period covered by this biennial report is from October 1, 2017 through September 30, 2019 (Water Years 2018 and 2019). The sections in this report follow the outline presented in Special Condition 4 of the renewed Consolidated Permit.

Section A. Summary of all changes to the Operations Plan (Exhibit B to the Consolidated Permit) that were approved by the District during the reporting period

During this reporting period (Water Years 2018 and 2019), approved updated target levels and recommended changes such as the removal of three control points in the North Pasco Wellfield and replacement of WT-15s by STK-2A-East were implemented (see Table L-1 in 2018 OROP report).

Section B. Description of any infrastructure changes during the reporting period that affect groundwater sources, including changes to withdrawal points,

conveyance infrastructure and points of connection

During this reporting period, some of the projects completed include (among others):

- Repump station pumps and motors rehabilitation
- TBC actuator upgrades

Section C. Review of Central System operations for the reporting period

For Water Years 2018 and 2019, pumpage from the 11 wellfields averaged 80.51 mgd and 81.35 mgd, respectively. Monthly average day pumpage quantities for each wellfield are provided in Table G-1. The 12-month moving average Consolidated Wellfield (Central System) production for the reporting period is shown in Figure H-1. There was no exceedance of the 90 mgd limit during this reporting period.

Section D. Discussion of how capital improvement projects (key infrastructure improvement projects) may affect operations of the Central System

Since the completion of the regional reservoir renovation project, it has provided a more reliable surface water source by modulating the surface water treatment production quantity which might otherwise be dependent only on real-time stream flows. This in turn allows

more flexible use of the Central System by rotating production based on recent hydrologic conditions and demand. Through this operational flexibility and Tampa Bay Water's Optimized Regional Operations Plan (OROP) week to week production scheduling, Tampa Bay Water is able to balance its water supply resources supporting the ongoing recovery effort as well as meeting its Member Governments needs responsibly.

Section E. Review of hydrologic conditions relevant to recent/existing/future operations (regional rainfall, surface water flow, and OROP control point performance) describing how hydrologic conditions affected the Operations Plan

Table E-1 shows annual regional rainfall totals as recorded in the Tampa Bay area. During Water Year 2018, there was an average of 59.81 inches of rain, ranging from 39.15 inches at KSPG rain gage (St. Pete Albert Whitted Airport) to 73.74 inches at RN-SCH-SC17 gage. The standard deviation for the regional rainfall gages during Water Year 2018 was 7.0 inches.

During Water Year 2019, an average of 58.66 inches of rain was recorded regionally, ranging from 45.45 inches at KPIE to 70.17 inches at RN-STK-STK-14 with a standard deviation of about 5.8 inches. While 2018 was technically a La Niña year with below average rainfall for most of the dry season, exceptional rain in May (> 400% compared to normal) increased the overall annual rainfall. Water Year 2019 was an El Niño year and December and January saw significantly higher than normal rainfall. In addition, summer 2019 rainfall (June through August) was also higher than normal each month.

As shown in Figure E-1, Water Year 2018 showed a wider range of annual rainfall variability across the 28-gaging stations (shown by the blue line) than was observed in Water Year 2019. This is also reflected in the higher standard deviation for Water Year 2018.

Water Year	RN-CYB-CYB7	RN-SCH-SC04	St Leo	RN-ELW-METER_PIT	RN-NEB-DINN	RN-CYC-CCNG	RN-CBR-CB13	RN-STK-STK-14	Plant City	RN-CYC-CCPLNT
2018	49.95	63.74	56.68	56.04	66	61.95	61.44	65.11	62.92	69.29

2019	63.3	57.59	51.74	67.88	62.64	51.7	59.05	70.17	63.29	55.22
Water Year	RN-SCH-SC01	RN-STK-STKE	RN-CYB-TOT ¹	RN-SCH-SC17	RN-CNR-T1	RN-CYC-CC3	KTPA	RN-NWH-S21	RN-NEB-T22	RN-NWH-SOP
2018	60.48	60.34	67.67	73.74	58.84	58.79	45.58	64.32	59.95	61.81
2019	58.16	53.64	60.03	58.79	57.88	52.54	55.72	54.72	64.46	61.26
Water Year	KPIE	RN-NOP-NOP	RN-CBR-CB01	KSPG	RN-CNR-T3	RN-CBR-GREGG	RN-NWH-NWH5	RN-STK-STK	Average of all stations	
2018	45.45	60.74	62.98	39.15	60.71	59.81	59.21	57.4	59.81	
2019	45.45	51.46	55.93	49.11	57.2	55.42	69.9	68.42	58.66	

Table E-1 Regional rainfall total (inches) for Water Years 2018 and 2019

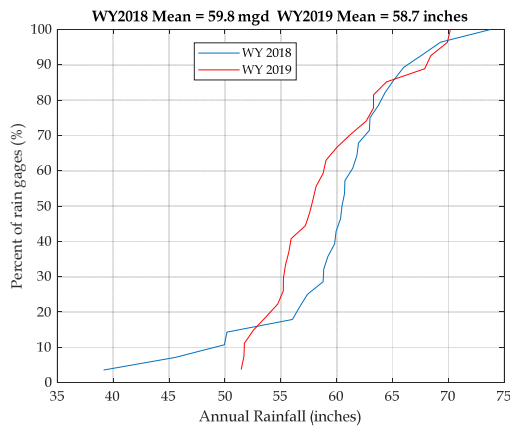


Figure E-1 Percent of rain gages vs. total annual rainfall.

Figures E-2 and E-3 show daily stream flows for the Hillsborough and Alafia Rivers together with percentiles of the

historical record. Shaded brown areas represent the 25th to 75th percentiles and blue areas represent the 10th to 90th percentiles of historical flow (1981 to 2010 reference). WY 2018 was a weak La Niña year whereas WY 2019 was an El Niño year and these are reflected by both rainfall and stream flows for the dry season (December through March). This significant intra-annual variability may not be obvious at a mean annual scale as high summer stream flows tend to balance out the year. Mean average daily flows were slightly higher in Water Year 2018 than 2019 in both the

¹ Station moved less than 0.25 mile on 4/16/2018. Data for WY 2018 is a mix of old and new stations.

Hillsborough (262 mgd vs. 255 mgd) and Alafia Rivers (355 mgd vs. 324 mgd).

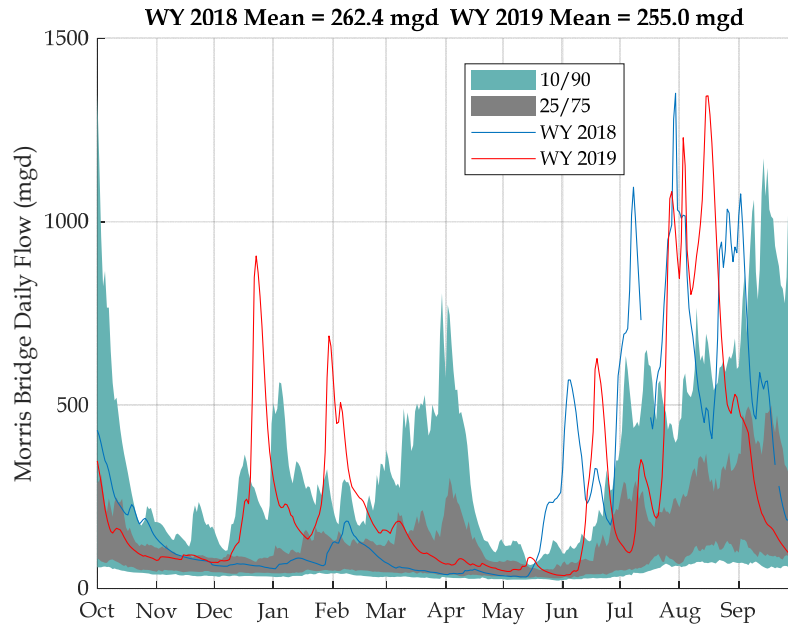


Figure E-2 Hillsborough River daily flow at Morris Bridge gage for Water Year 2018 and 2019

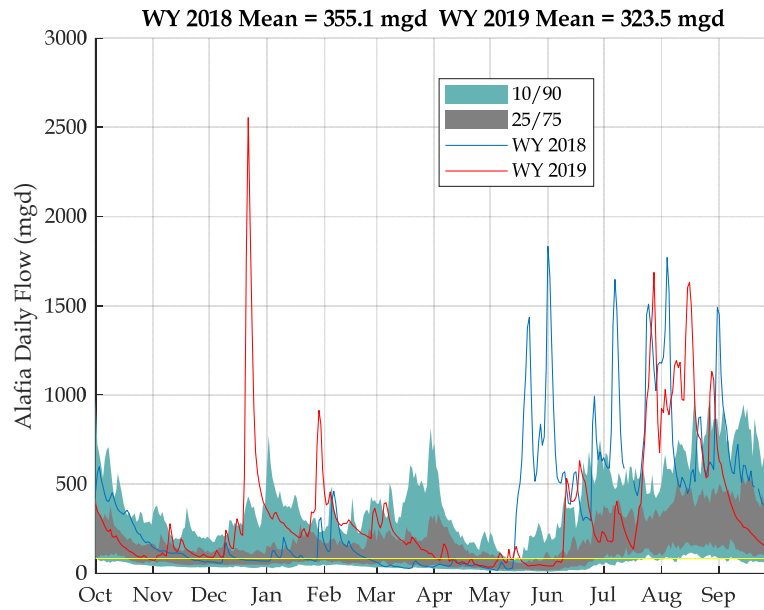


Figure E-3 Alafia River daily flow at Bell Shoals for Water Year 2018 and 2019

Figures E-4 and E-5 respectively show permitted stream flow withdrawals versus what was actually withdrawn from the Alafia River at Bell Shoals Road as well as from the Tampa Bypass Canal.

The calculation of available water from the Tampa Bypass Canal (TBC) is a combination of up to 100% availability from the TBC lower pool above 9 feet plus diversions into the TBC middle pool from the Hillsborough River Reservoir which depends on minimum flow requirements at the Tampa Dam.

Figure E-6 shows stage elevations in the middle and lower pools of the Tampa Bypass Canal. The permit threshold for the middle pool is 12.5 feet. When the stage is below 12.5 feet, Tampa Bay Water’s withdrawal from the middle

pool ceases. Under an emergency scenario, withdrawal continues through the Harney Pump Station to augment the City of Tampa reservoir. Under such a scenario, 10 feet is the new minimum threshold limit. There were no emergency withdrawals in WY 2018 and WY 2019.

Figure E-7 shows the reservoir storage volume, inflows and withdrawals (positive is inflow to reservoir). In WY 2018, the reservoir was used relatively more than in WY 2019. In both years, more than 10 billion gallons were available at the end of the dry springtime.

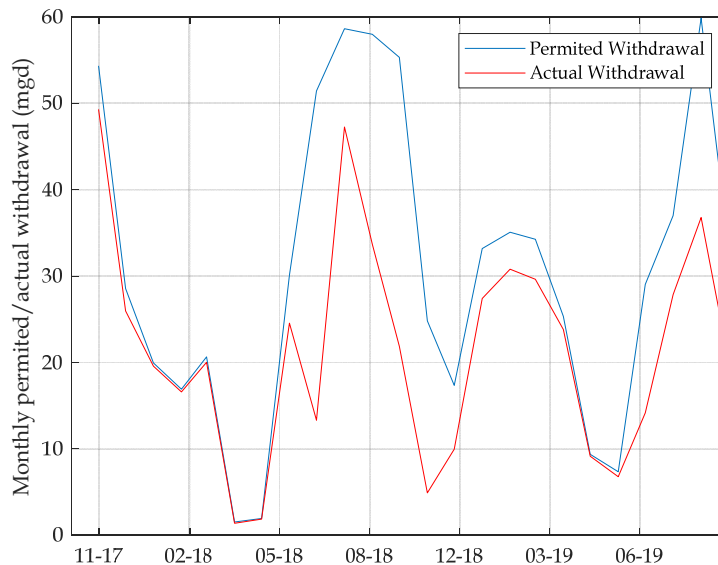


Figure E-4 Alafia permitted and actual withdrawals for Water Years 2018 and 2019

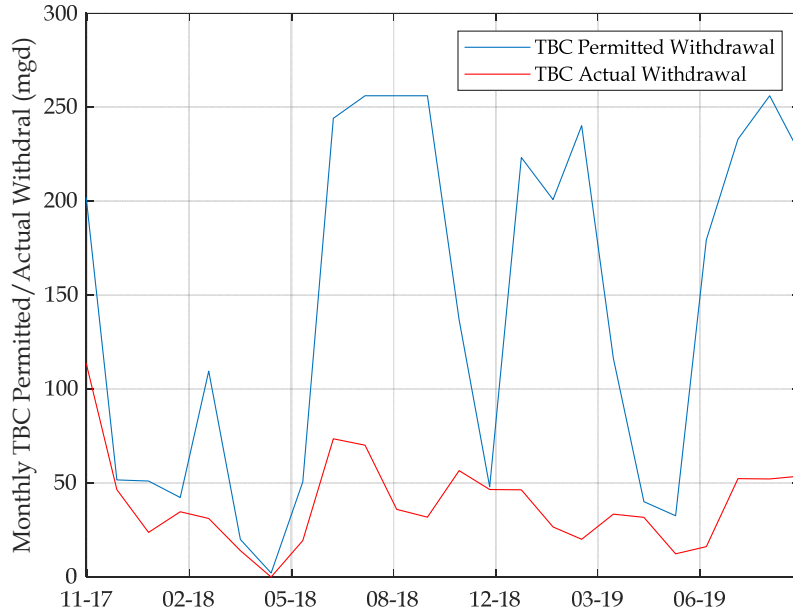
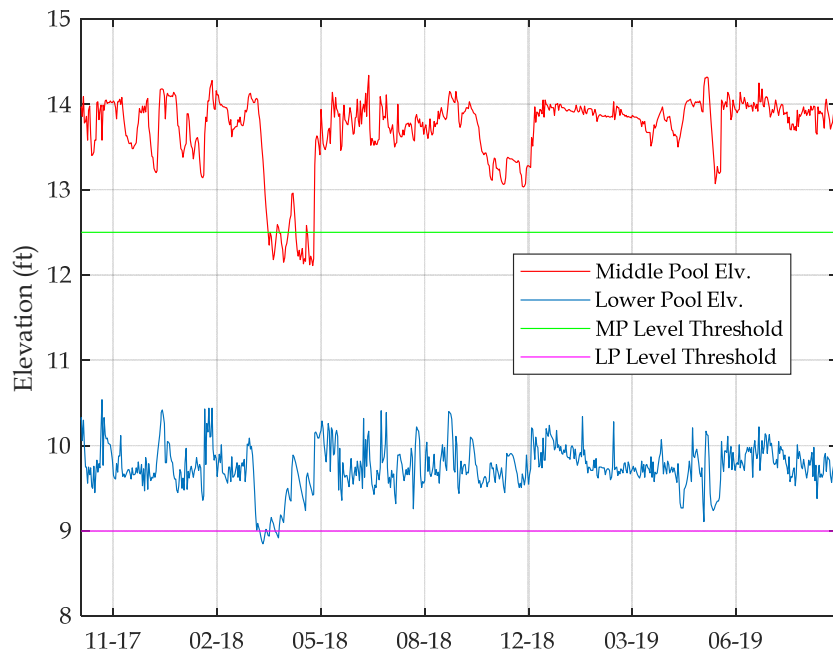
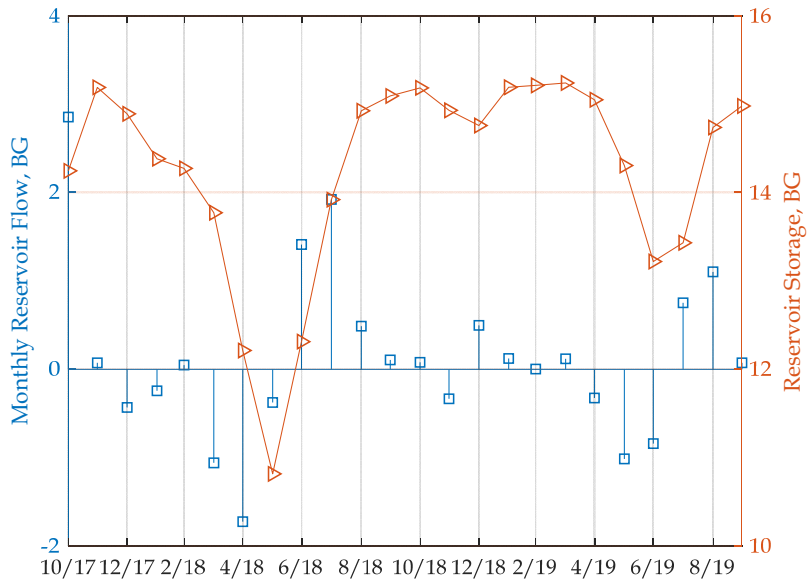


Figure E-5 Tampa Bypass Canal permitted and actual withdrawals for Water Years 2018 and 2019



E-6 Tampa Bypass Canal pool stages for Water Years 2018 and 2019



E-7 Regional reservoir storage and monthly withdrawal for Water Years 2018 and 2019 (positive indicate inflow and negative outflow from reservoir)

Water Shortage Triggers

Tampa Bay Water has developed a water shortage mitigation plan which includes hydrologic and water supply triggers as leading indicators of hydrologic conditions affecting water supplies. Three triggers are used to assess the water shortage condition. First, twenty-eight rainfall gauges are used to determine the status of regional rainfall conditions and to calculate the regional rainfall deficit over the previous 12 months. Second, monthly flow in the Hillsborough River is compared to long-term historical flow as measured by the USGS at the Morris Bridge gage; a monthly flow deficit is calculated. The 12-month median flow deficit is evaluated against a trigger established in the water shortage mitigation plan. The third

indicator is reservoir stage. Tampa Bay Water updated its water shortage mitigation plan and it was approved by the Board in April 2017. The updated plan, while keeping the first two trigger calculations (Stage I and Stage II), modified Stage III and Stage IV calculations where supply conditions are assessed by looking at demand and supply in the upcoming three months. Triggers were defined using the most likely reservoir level at the end of a three-month period based on stochastic demand and supply outlooks. A summary of water shortage conditions for the two-year reporting period is provided in Table E-2.

Following one of the driest dry seasons in the past century during Water Year 2017, the region entered a Drought Alert

(Stage I) in May 2017 because of flow deficit triggers. A Stage I condition continued through November 2017.

December 2017 was declared a normal condition once hydrologic conditions recovered (Table E-2).



Status Date	Regional Avg. Rainfall Deficit	Regional Median Flow Deficit	Reservoir Stage	Stage	Description	Status Text
9/1/2019	10.08968	163.2419	135.58	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
8/1/2019	9.710481	163.2419	131.81	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
7/1/2019	10.02968	163.2419	128.65	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
6/1/2019	6.585681	168.3454	131.03	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
5/1/2019	14.27888	168.3454	134.49	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
4/1/2019	15.19688	168.3454	135.88	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
3/1/2019	15.01205	168.3454	135.82	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
2/1/2019	14.30733	107.1546	135.78	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
1/1/2019	14.38757	46.44427	135.7	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
12/1/2018	6.547261	24.76761	133.9	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
11/1/2018	5.630132	29.1158	135.47	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
10/1/2018	6.586459	39.61374	135.96	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
9/1/2018	11.89498	39.61374	136.09	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
8/1/2018	13.59085	39.61374	134.12	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
7/1/2018	11.52639	25.1011	127.48	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
6/1/2018	16.85881	17.75064	122.42	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
5/1/2018	10.0069	13.19791	122.91	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
4/1/2018	6.501259	13.19791	128.83	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
3/1/2018	6.10972	13.19791	132.69	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
2/1/2018	6.751259	3.127436	132.56	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
1/1/2018	4.129336	3.127436	133.61	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
12/1/2017	3.583567	-0.04266	135.53	No	Normal Conditions	Water supplies are adequate and rainfall has been normal.
11/1/2017	2.978567	-7.64329	135.68	Stage I	Drought Alert	Rainfall deficit eliminated; flow deficit continues
10/1/2017	3.044336	-7.64329	126.91	Stage I	Drought Alert	Rainfall deficit eliminated; flow deficit continues

Table E-2 Summary of water shortage triggers and phases for Water Years 2018 and 2019

OROP Control Points and Monitoring Wells

There are 37 surficial aquifer system (SAS) and two Upper Floridan Aquifer system (UFAS) monitor wells which are used as control points in the optimization routine to establish the production well rotation schedule. In addition, there are 18 UFAS monitor wells that are used as constraints in the optimization routine (see Revised Operations Plan Update, December 2014). Water level hydrographs for all 57 monitor wells are included in Section J. Hydrographs present monthly average water levels for the past 10 years. The red line shown in each graph is the target level for the OROP control points and represents the OROP minimum level for the Upper Floridan monitor wells. For comparison purposes, water level median lines (green lines) are provided for the last 10 years as well. OROP control point target levels are established based on relationships of wetland water levels and surficial aquifer water levels in monitor wells in the vicinity of the wetland being evaluated. A detailed discussion of target level development is provided in the December 2014 Updated Operations Plan.

It is worth noting that there is an inconsistency in comparing monitor well target water levels with these medians due to the differences in probability distributions between water levels in the surficial aquifer system (SAS) and wetland water levels. Wetland water

levels are influenced by above and below-ground conditions which impact the probability distribution of these water levels. The probability distribution for monitor well water levels reflect water level conditions below ground only in the SAS.

In general, these hydrographs show remarkable recovery at OROP control points as demonstrated by the median water level over the past 10 years (Green line). After the multi-year period of depressed water levels that began in WY 2007 due to a combination of groundwater pumpage and the regional rainfall deficit, water levels at all OROP control points continue to improve significantly. Even at the Cross Bar Ranch Wellfield, the gap between median water level and target level has decreased substantially compared to plots provided in last Biennial report. With subsequent positive hydrologic condition in WY 2018 and WY 2019, water levels were above target levels in all but WRW-s at the end of WY 2019 at the Cross Bar Ranch Wellfield. Production from this wellfield was lower in both WY 2018 and WY 2019 compared to prior reporting cycle (WY 2016 and WY 2017 were, respectively, 14.69 and 14.37 mgd while WY 2018 and WY 2019 were, respectively 11.81 and 13.65 mgd, a difference of 1 mgd to 3 mgd). Average rainfall at RN-CBR-CB01 for the current reporting period was about five inches more than the prior reporting period (59.5 inches vs. 54.7 inches average over two years).

Attachment E includes Figures E-8 through E-18 which are graphs of weights for each OROP control point in the Central System wellfields and Carrollwood Wells for the two-year reporting period. For ease of presentation, graphs are presented in log scale. A weight of 10 indicates that the water level is equal to the target level for that control point. A weight of greater than 10 indicates that water levels are lower than the target level. A weight of less than 10 indicates that the water levels are higher than the target level. The OROP assigns well pumping priorities based on the relative difference in weights and magnitude of the unit response that a production well transmits to the control point. The model will rotate production away from areas where control point weights are high compared to all weights if production from the wells causes a strong groundwater response to water levels at the control point. Changes in control point weights through the two-year reporting period are consistent with the OROP control point well water-level hydrographs. Table E-3 shows the percent of time the control point weight stayed above 10 (e.g. percent of time when water level was below target level).

Table E-3 Percent time weight > 10

Wellfield	Monitor well	Water Year	
		2018	2019
Cosme	Cosme-20s	35	0

Odessa	KystnPk36	80	50
	James-10s	16	4
Cypress Bridge	WT-2-500	18	4
	WT-5-200	51	58
	WT-9-500	63	46
Cypress Creek	TMR-1As	12	44
	CYC-821-synth	57	65
	CYC-W56B	55	42
	CC-TB-22A	27	21
Cross Bar Ranch	SERW-s	0	0
	WRW-s	100	100
	SRW-s	45	37
	A-1s	20	6
Eldridge Wilde	EW-11s	0	0
	EW-SM-15	0	0
	EW-SM-28	10	6
Morris Bridge	MB-23s	57	19
	MB-24s	55	37
	MB-25s	69	50
	MB-4s	61	29
	MB-537s	73	58
	SGW-1	51	27
NWH	RMP-13s	45	19
	RMP-8s	71	58
S21	LutzPk-40s	59	42
	Hills-13s	0	4
	Jacksn26As	20	2
South Pasco	StPt-47s	29	10
	HarryMatts	45	29
	North-s	51	35
Starkey	STK-20s	18	35
	STK-SM2s	76	50
	STK-2A-EAST	0	81
	EMW-16s	24	6
	EMW-8s	59	29

Carrollwood	RMP- 11s/CWD- Elem-SAS	0	0
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Section F. Discussion of groundwater quality, describing how water quality affects the use of the Central System facilities

As described in the Updated Operations Plan, Tampa Bay Water is obligated to deliver Quality Water to its Member Governments. In order to meet this requirement, the Water Production Division staff identified four wellfields in which certain wells exhibit a history of poor raw water quality with respect to iron and hydrogen sulfide concentrations. In order to address this raw water quality issue which is not addressed in the treatment of groundwater, Water Production Division staff developed maximum concentrations of iron and hydrogen sulfide for production from these wellfields. Constraint set 35 (see Updated Operations Plan) was formulated based on long-term observations of iron and sulfide concentrations (C_j^{Fe} and $C_j^{H_2S}$) from wells in the Starkey Wellfield, Cross Bar Ranch Wellfield, Morris Bridge Wellfield and South Pasco Wellfield. Beginning in Water Year 2009, the Starkey Wellfield has been removed from the wellfield set in Constraint 35, because the five production wells with very high hydrogen sulfide concentrations were

placed on standby and subsequently removed from service. This eliminated the need to adjust the rotation schedule based on a water quality constraint at this wellfield. In September 2013, the hydrogen sulfide limit was lowered to 1.0 mg/l from 2.5 mg/l to address a water quality problem being experienced by Pasco County in their potable water distribution system. While Tampa Bay Water continues to monitor water quality and assess potential operational flexibility that could be included as OROP constraint, no changes to this water quality constraint in the Operations Plan were made during this reporting period.

Section G. Monthly average production for each of the Central System facilities for the reporting period

The monthly average production for each of the 11 wellfields of the Central System is provided in Table G-1.

Section H. Annual average and moving-annual average daily production from the Central System for the reporting period

The Water Year 2018 annual average production was 80.51 mgd and Water Year 2017 was 81.35 mgd. The 12-month moving average production from the Central System is shown in Figure H-1.

Section I. Discussion of groundwater facility shutdowns

During the two-year reporting period, several wellfields were taken offline for extended periods of time in order to accommodate a variety of circumstances including: construction, reduced regional demand, increased surface water treatment plant production availability, or member government activity requests.

Water level hydrographs are included in Attachment J.

[Section K. Summary of the EMP/OROP Wetland Referrals and subsequent actions](#)

The EMP/OROP wetland referral summary is included in Attachment K.

[Section J. Water level hydrographs of regulatory wells and OROP control points](#)

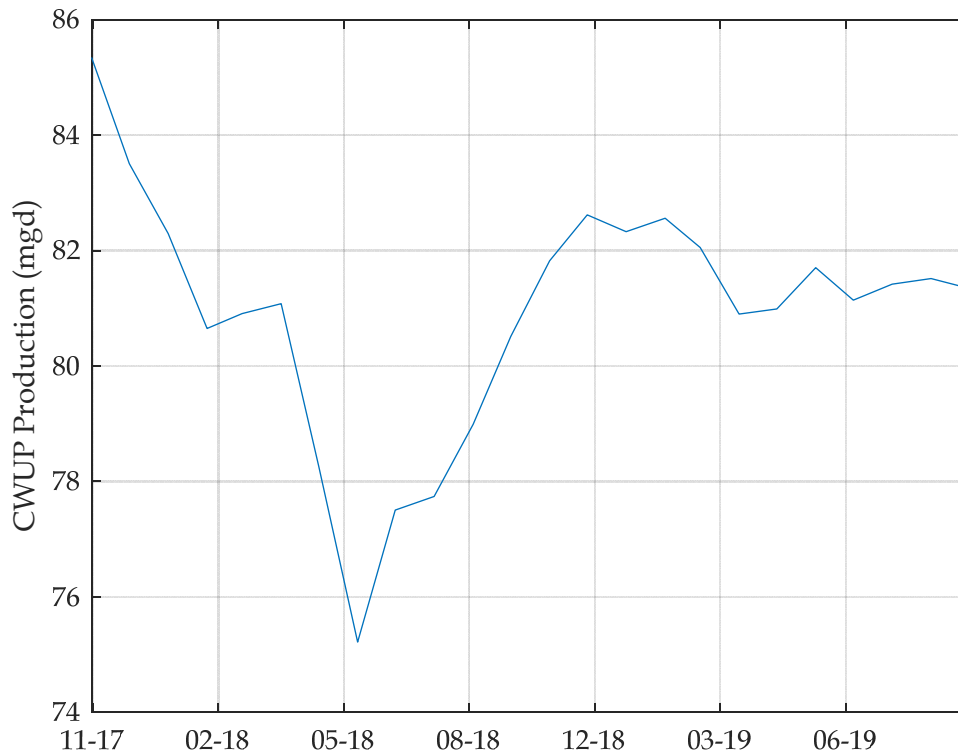


Figure H-1 12-month running average production of Consolidated Permit wellfields

Month- Year	Total Wellfield production	Cross Bar Ranch	Cosme- Odessa	Cypress Bridge	Cypress Creek	Eldridge Wilde	Morris Bridge	Northwest Hillsborough	Section 21	South Pasco	Starkey
Oct-17	74.38	15.49	10.39	9.90	14.13	9.48	8.69	1.39	0.01	0.02	4.89
Nov-17	67.88	8.44	5.28	5.27	8.69	13.16	4.59	1.96	7.80	7.78	4.90
Dec-17	69.55	8.87	5.91	5.01	9.73	13.39	4.55	1.34	8.13	7.78	4.83
Jan-18	68.62	11.65	6.33	6.70	11.41	5.46	4.64	1.57	8.27	7.74	4.85
Feb-18	85.86	12.66	7.89	11.96	12.61	13.02	7.09	0.58	7.32	7.76	4.97
Mar-18	93.43	11.68	8.87	13.41	15.60	13.82	9.89	0.65	6.84	7.77	4.90
Apr-18	78.03	10.47	6.15	9.22	10.39	13.73	5.85	1.12	8.08	7.88	5.12
May-18	80.72	12.77	8.12	9.08	11.08	9.60	8.14	1.13	7.83	8.03	4.95
Jun-18	99.38	15.28	9.95	12.96	16.96	11.57	10.34	1.24	8.05	7.94	5.08
Jul-18	81.25	9.80	6.89	10.84	12.47	10.58	10.26	1.10	6.32	8.05	4.94
Aug-18	83.86	11.22	5.13	11.48	10.62	15.47	10.75	0.98	7.42	6.44	4.34
Sep-18	83.19	13.42	5.56	12.85	12.30	8.69	8.30	0.95	8.36	7.86	4.91
Oct-18	90.11	17.18	7.38	13.39	15.84	10.79	9.59	0.90	5.69	4.34	4.99
Nov-18	77.43	16.27	11.51	9.33	10.99	14.63	9.29	0.46	0.00	0.00	4.94
Dec-18	66.06	11.87	7.03	9.02	10.33	13.54	8.26	1.10	0.26	0.00	4.65
Jan-19	71.44	13.56	5.56	10.92	12.41	9.66	8.35	1.19	1.78	3.15	4.86
Feb-19	79.76	15.53	5.93	13.38	14.25	13.85	9.64	1.06	1.13	0.03	4.97
Mar-19	79.60	12.22	5.84	9.58	13.06	16.64	5.95	0.95	7.03	3.33	5.00
Apr-19	79.08	9.68	6.27	8.54	12.73	14.72	6.43	0.41	7.42	7.79	5.09
May-19	89.31	12.81	7.91	10.56	16.92	15.58	7.47	0.98	3.92	7.95	5.18
Jun-19	92.59	13.34	6.23	14.02	15.97	19.09	6.54	0.99	2.07	9.46	4.87
Jul-19	84.58	11.97	4.76	13.31	14.51	16.23	6.94	0.92	3.17	7.91	4.87
Aug-19	85.03	14.42	4.11	13.57	16.45	17.06	9.07	0.49	1.79	3.10	4.97
Sep-19	81.16	14.93	7.49	11.45	15.79	15.91	10.07	0.46	0.00	0.00	5.07
WY 2018											
AVG	80.51	11.81	7.21	9.89	12.17	11.50	7.76	1.17	7.03	7.09	4.89
WY 2019											
AVG	81.35	13.65	6.67	11.42	14.11	14.81	8.13	0.83	2.86	3.92	4.96

Table G-1 Consolidated wellfield monthly production (mgd) for water years 2018 and 2019

Section L. Any reassessment of OROP control points, including location and target level adjustments

The correlation/regression analysis for the OROP control points is included in Attachment L.

Section M. Summary of work plan activities for the reporting period, if any

The 2018 biennial report contained recommendation that the three OROP control points NP-7s, NP-8s and NP-9s be deleted from OROP. This recommendation was approved by the District in their August 21, 2018 comments and approval letter. The District approval letter for the 2018 OROP report also requested that Tampa Bay Water replace MB-100, the wetland previously associated with control point MB-537s, with another wetland. This has been done and reported in Attachment L.

Section N. Summary information and data on operation activities during the preceding reporting period

The reservoir was brought online after renovation on July 25th, 2014 and since then has been a consistent source of alternative water supply. This is especially true in WY 2017 where the region experienced one of the driest dry seasons in a century and the reservoir storage was a critical component of our regional water supply.

Annual average demand on Tampa Bay Water's Regional System for Water Years 2018 and 2019 was, respectively, 169.7 and 173.4 mgd. Water Year 2018 was also a relatively dry year though not to the level of WY 2017. WY 2019 was a relatively wet year but the annual delivery quantities are a reflection of intra-annual weather variability as well as growth in underlying socio-economic factors that have resulted in higher water demand in 2019 compared to 2018.

Table N-1 shows the annual average quantity produced by each source type: groundwater, surface water, and desalinated water.

Table N-1 Source Allocation for water years 2014 and 2015

Source Type	WY 2018	WY 2019
Groundwater	107.78	109.72
Surface water	57.86	58.76
Desalinated water	5.8	6.6
Total	171.5	175.1

Figure N-1 shows the monthly average demand for the reporting period. As shown in the figure, demands for Water Year 2018 were relatively uniform throughout the year with a relatively warmer and drier fall/winter and a relatively wetter spring (specially May that saw the region receiving about 500% more rain than normal). WY 2019

was different with delivery picking up from May through September. Total water delivered and total water pumped (Figure N-1 compared to Table N-1) are different due to several factors including different meters used. Additionally, environmental augmentation is included in total pumped quantities and not total water delivered and water storage. Tampa Bay Water submits to the District an annual report which summarizes meter calibration data and results indicate that Tampa Bay Water meters are operating within the thresholds required.

Section O. Proposed work plan activities for the next reporting period, if any.

No work plan activities are planned or budgeted to occur during the next two-year reporting period.

Section P. Any other information or analysis associated with District approved changes to the Operations Plan, as applicable

No changes to the Operations Plan in this reporting cycle.

Additional work by member government request

While meeting with the member governments to prepare for the Consolidated Permit renewal and completion of the recovery analysis, a request was made to demonstrate the effectiveness of OROP and note what lessons were learned over the past 10 years. Tampa Bay Water conducted this study and Attachment Q presents the result.

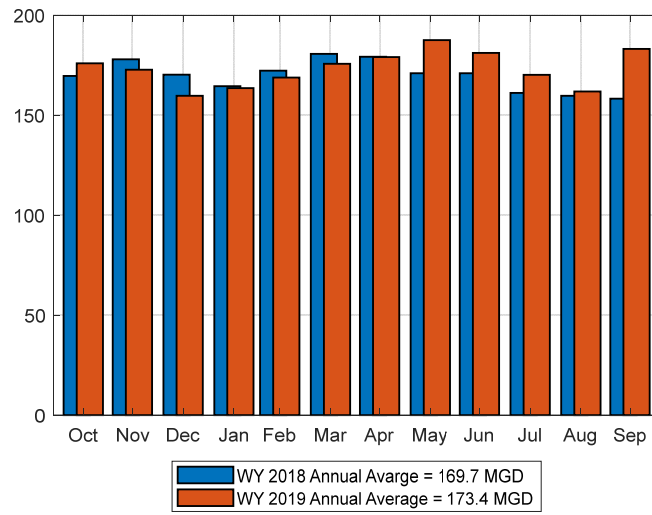
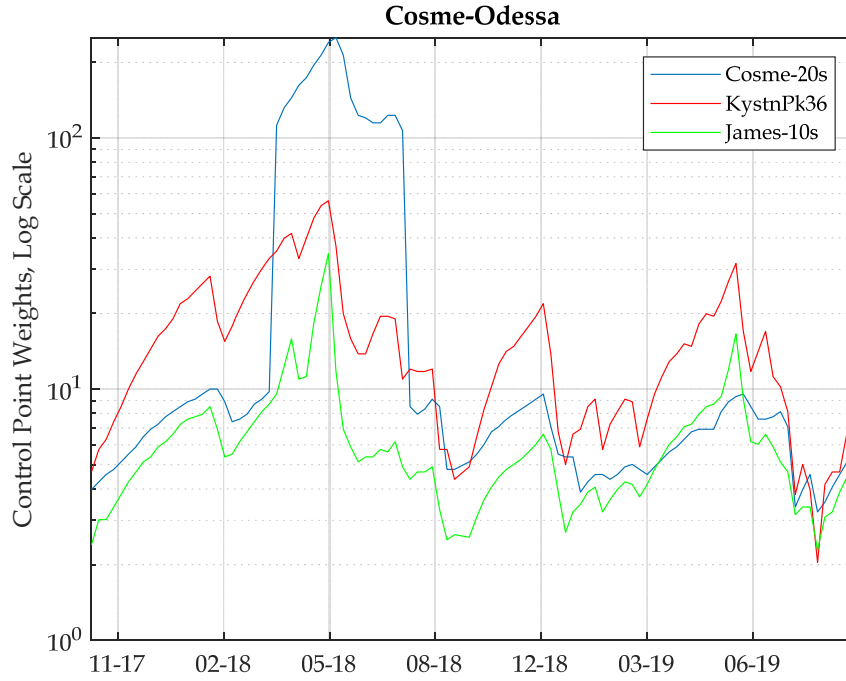


Figure N-1 Comparison of Tampa Bay Water deliveries for Water Years 2018 and 2019.

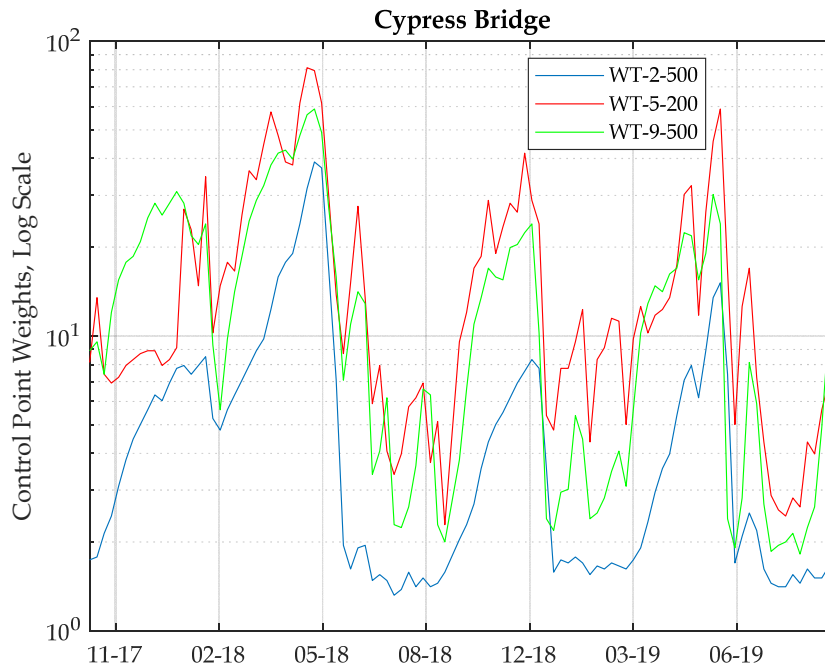


Operations Plan Biennial Report for Water Years 2018 and 2019

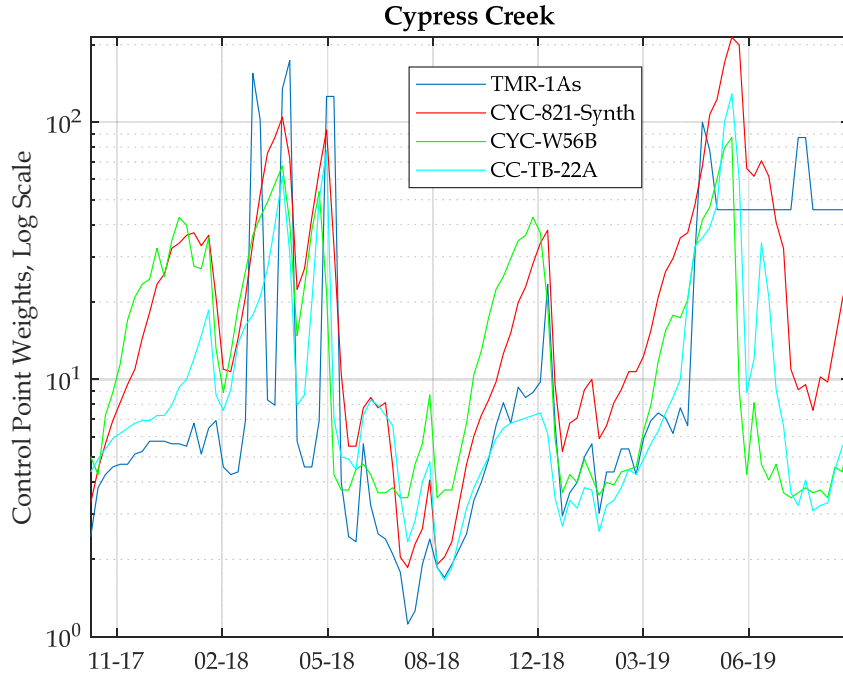
ATTACHMENT E



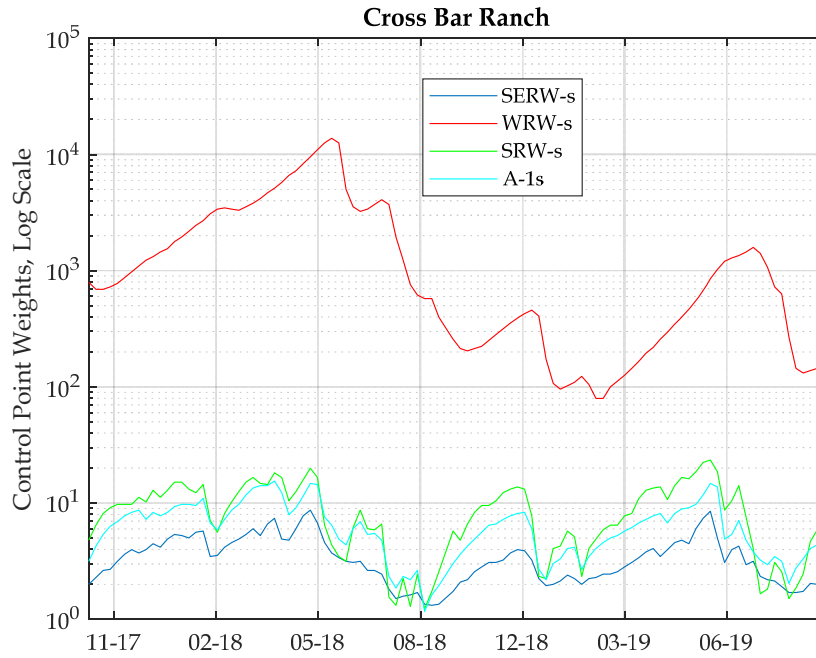
E-8 Control Points weights for Cosme-Odessa wellfield



E-9 Control Points weights for Cypress Bridge wellfield



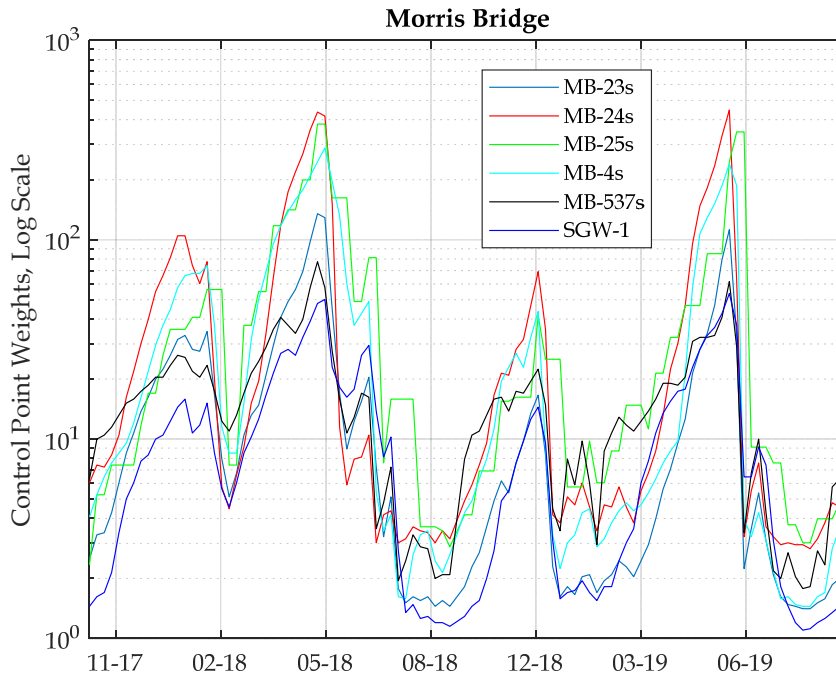
E-10 Control Points weights for Cypress Creek wellfield



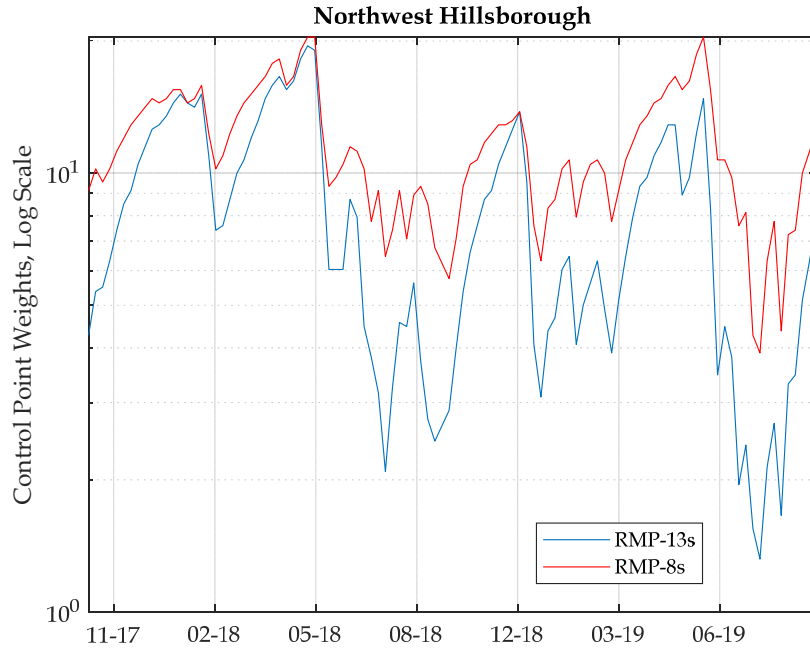
E-11 Control Points weights for Cross Bar Ranch wellfield



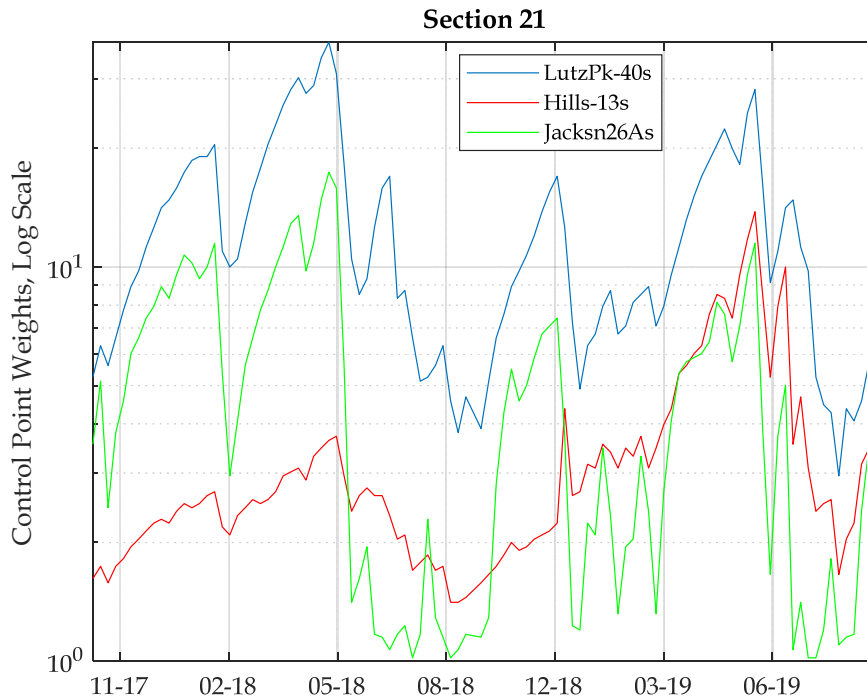
E-12 Control Points weights for Eldridge Wilde wellfield



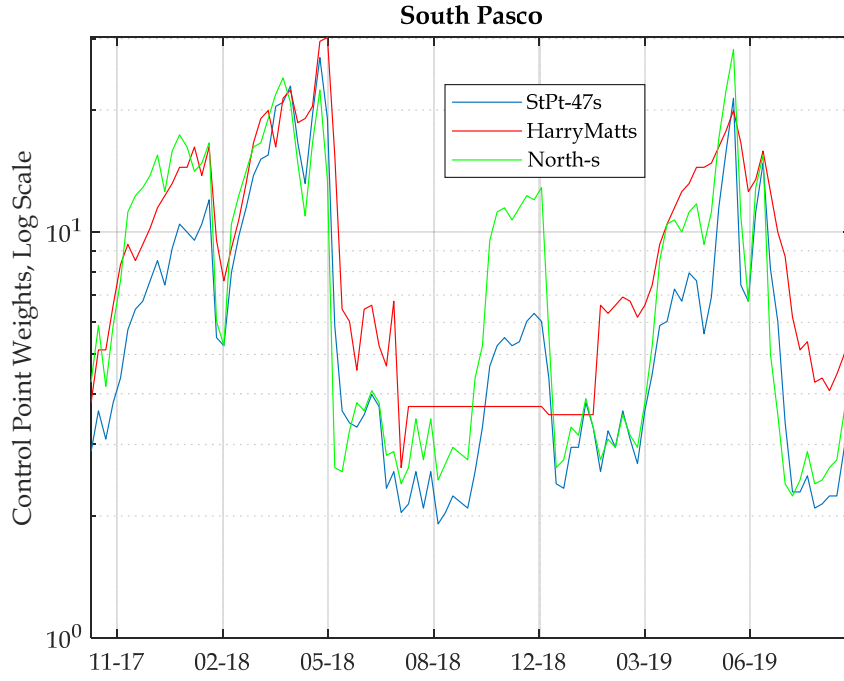
E-13 Control Points weights for Morris Bridge wellfield



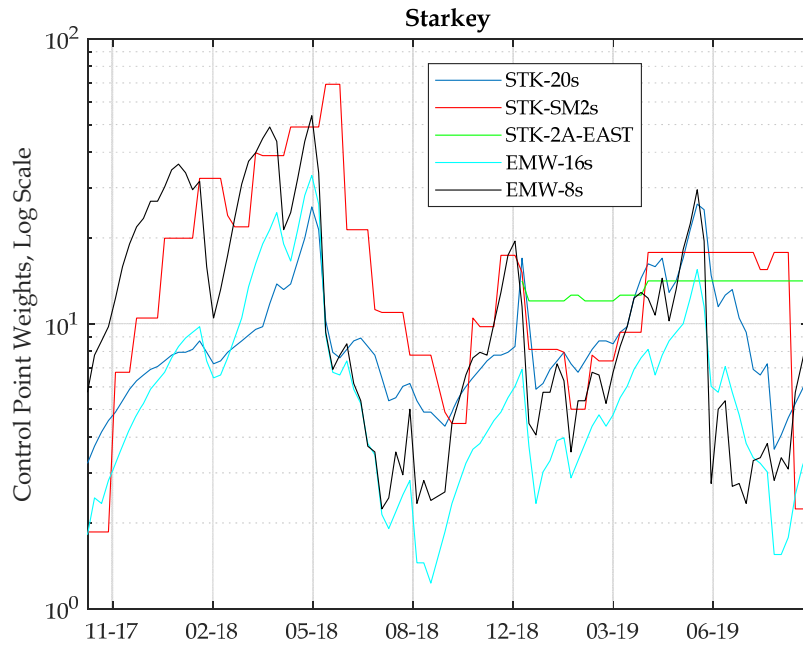
E-14 Control Points weights for Northwest Hillsborough wellfield



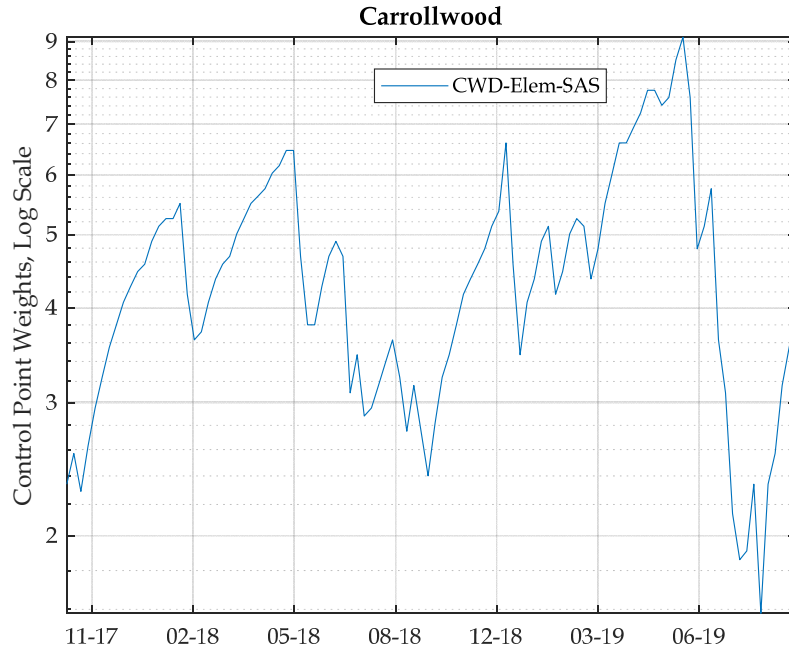
E-15 Control Points weights for Section 21 wellfield



E-16 Control Points weights for South Pasco wellfield



E-17 Control Points weights for Starkey wellfield



E-18 Control Point weight for Carrollwood wells



Operations Plan Biennial Report for Water Years 2018 and 2019

ATTACHMENT J



Operations Plan Biennial Report for Water Years 2018 and 2019

ATTACHMENT K



Operations Plan Biennial Report for Water Years 2018 and 2019

ATTACHMENT L



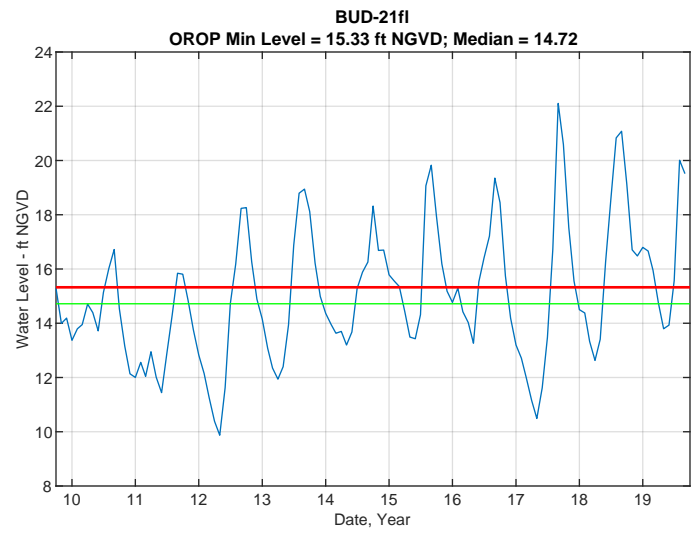
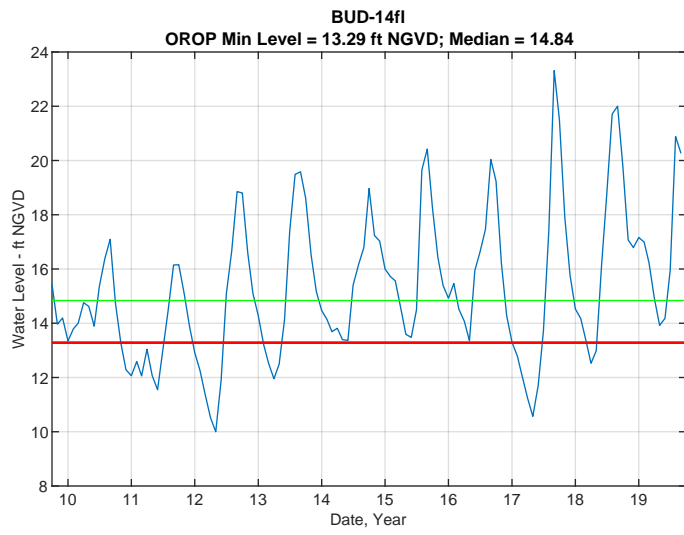
ATTACHMENT Q



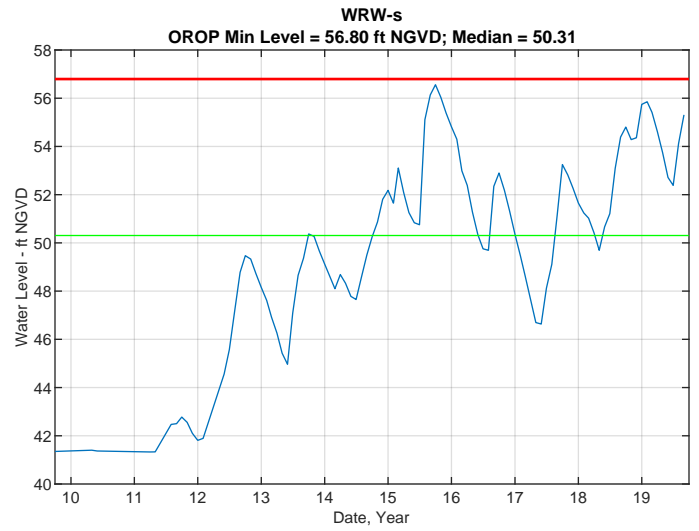
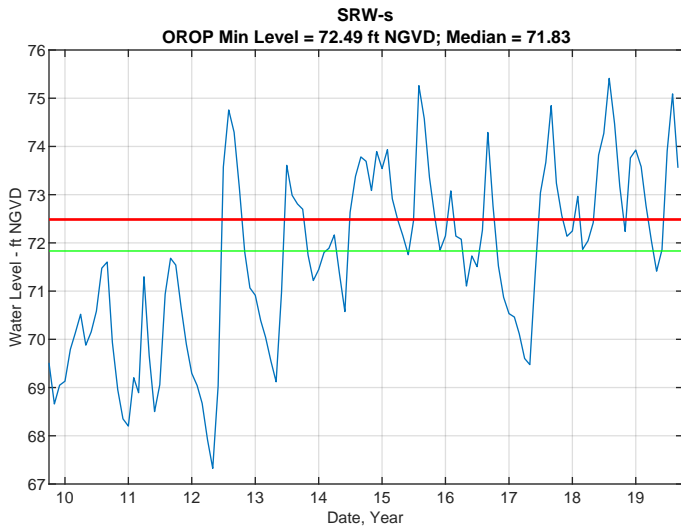
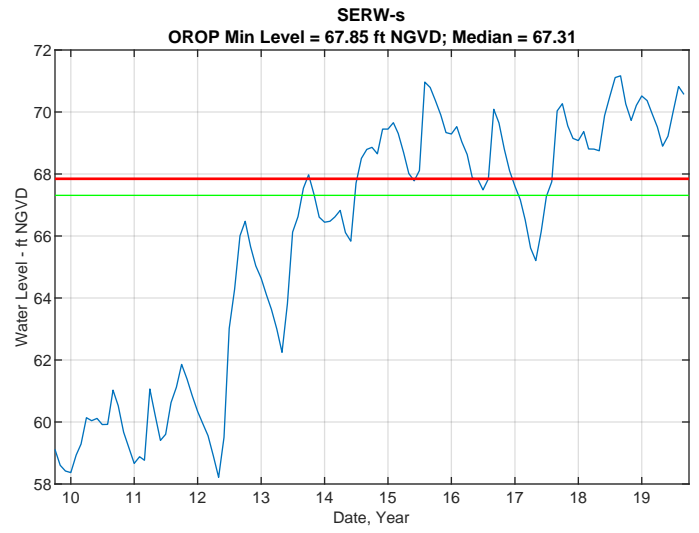
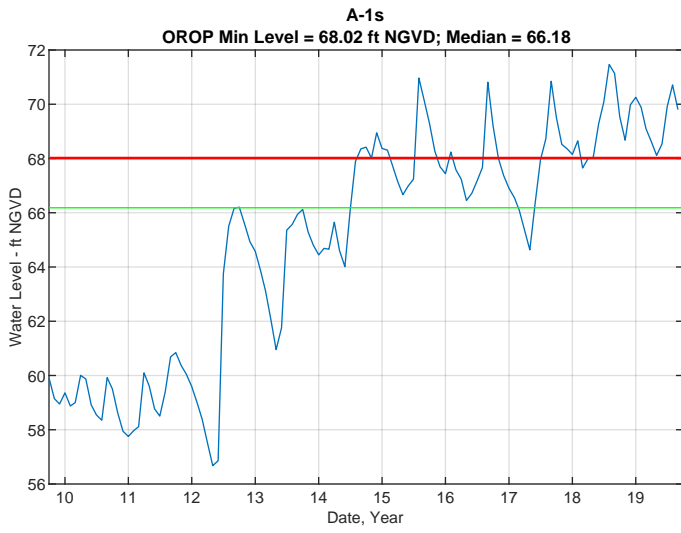
Operations Plan Biennial Report for Water Years 2018 and 2019

ATTACHMENT J

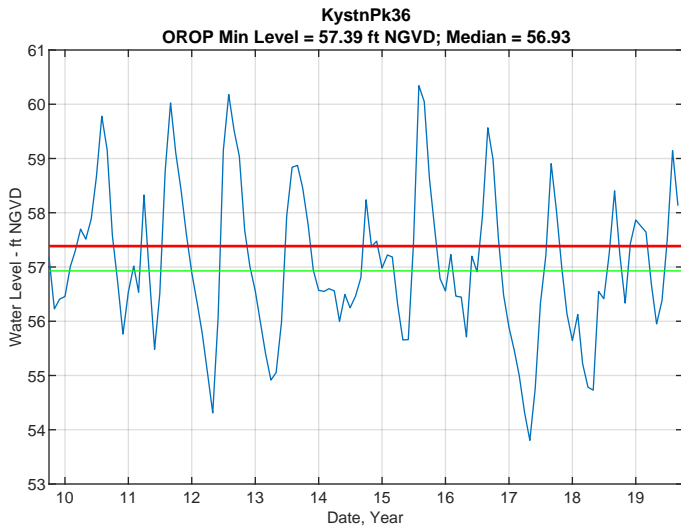
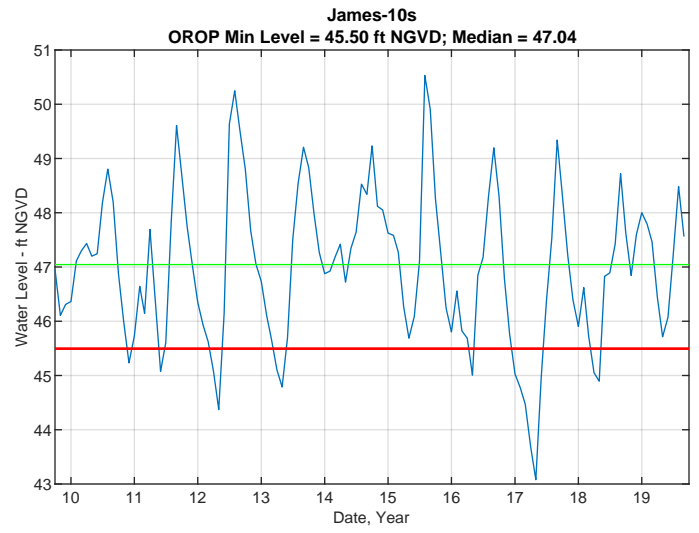
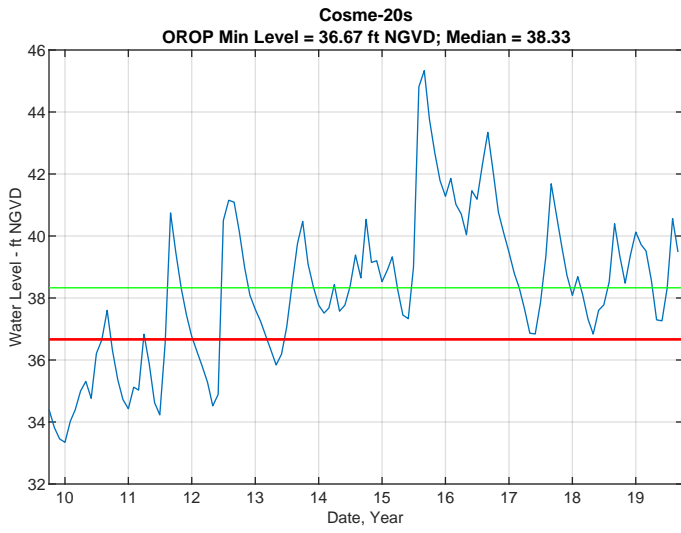
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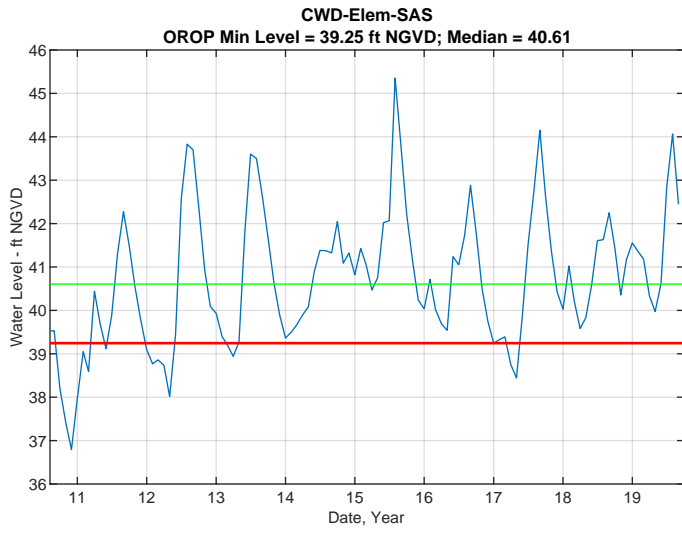
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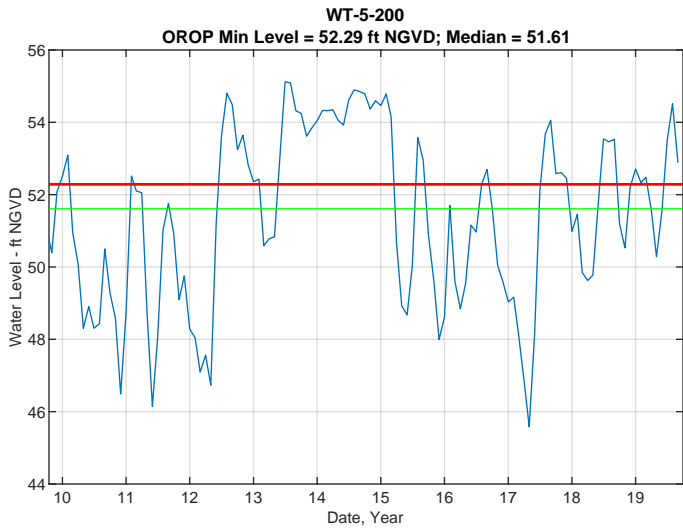
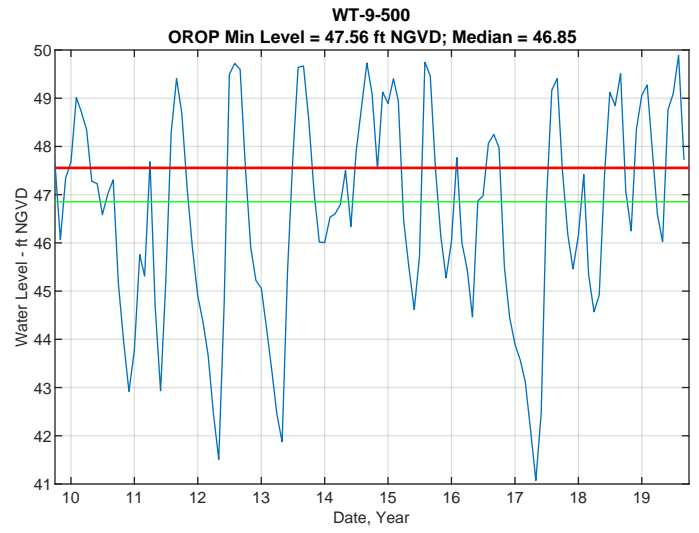
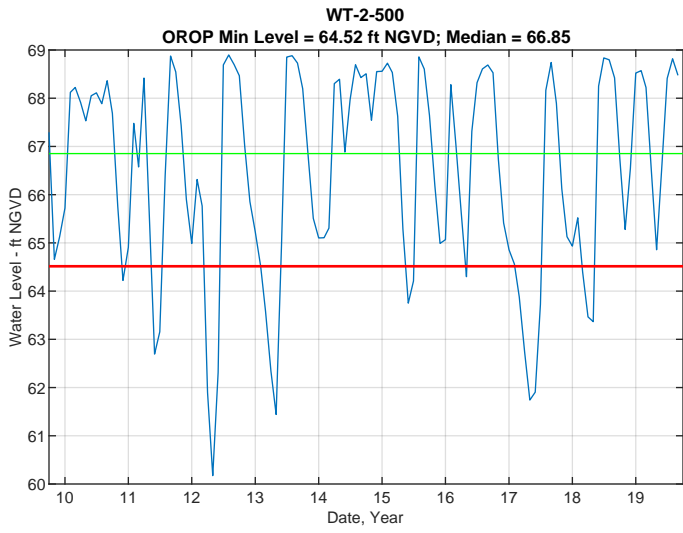
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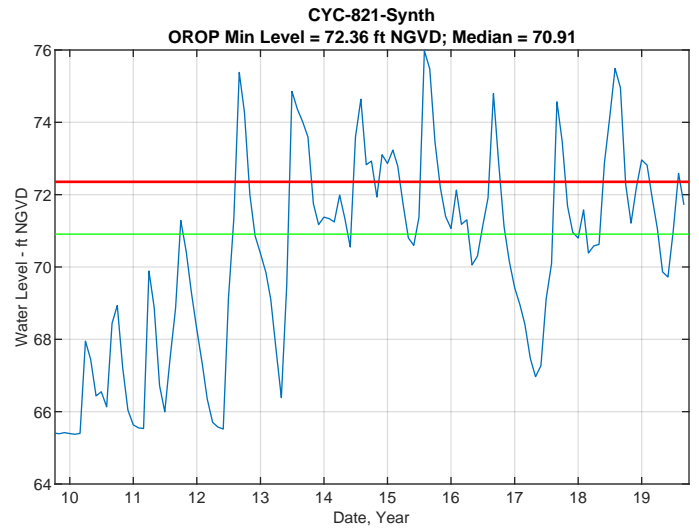
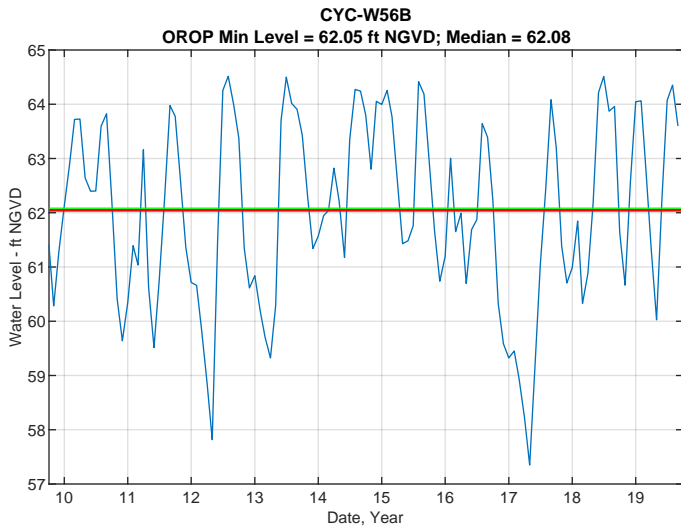
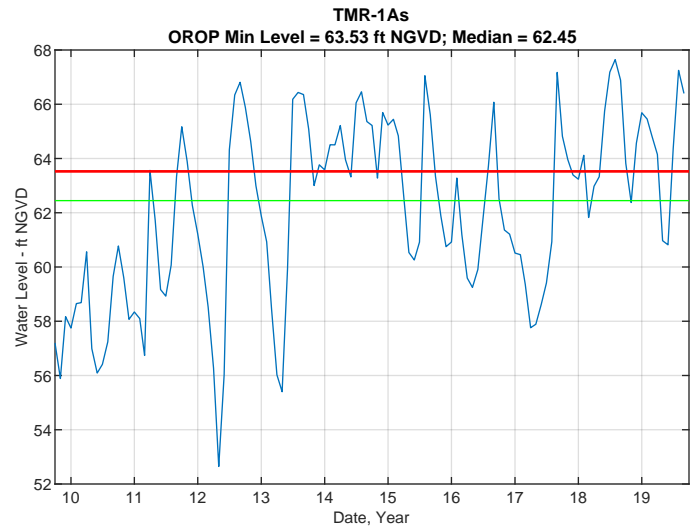
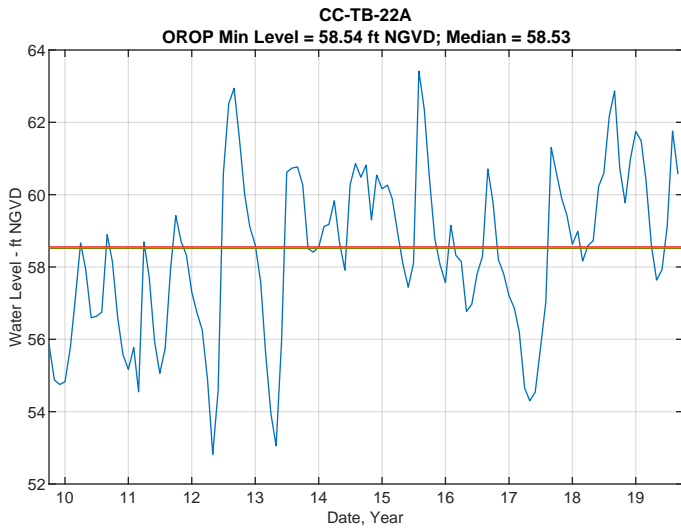
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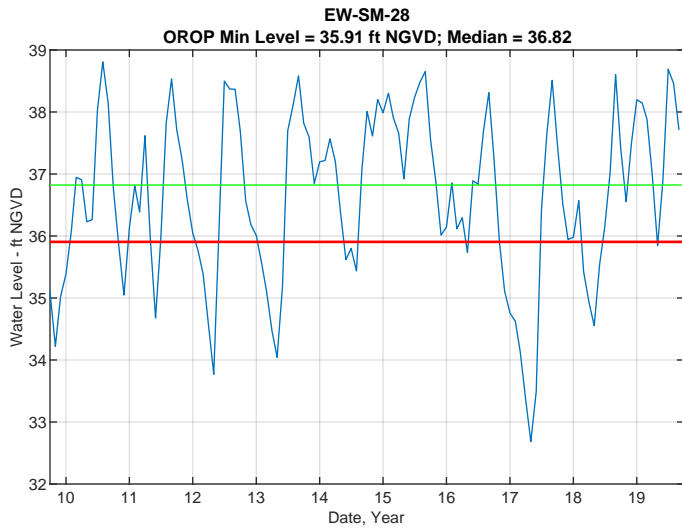
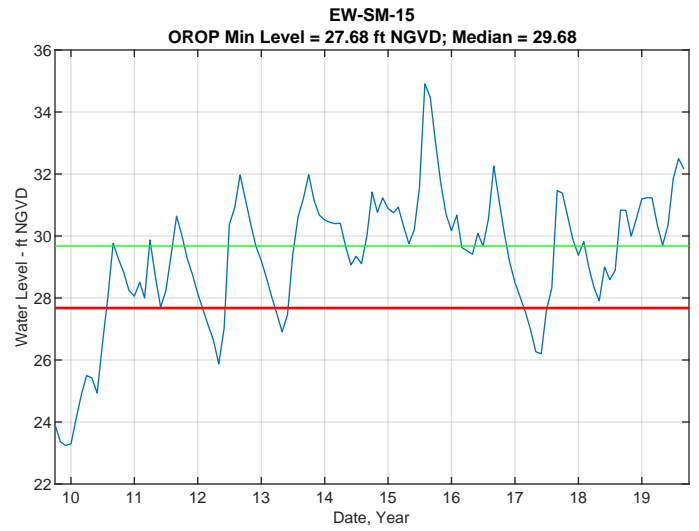
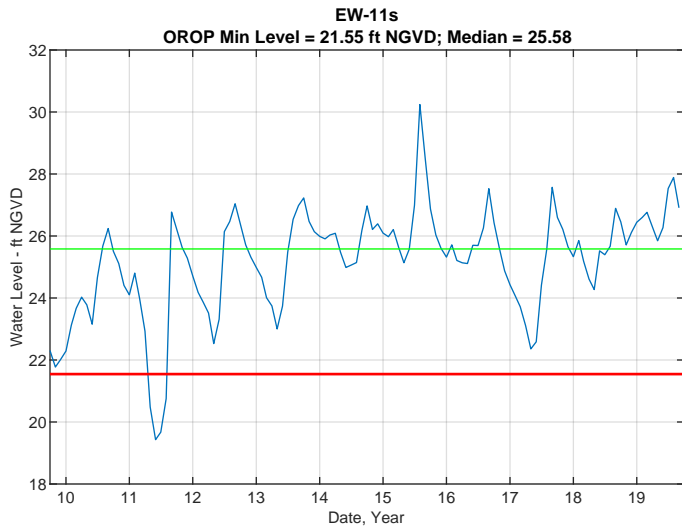
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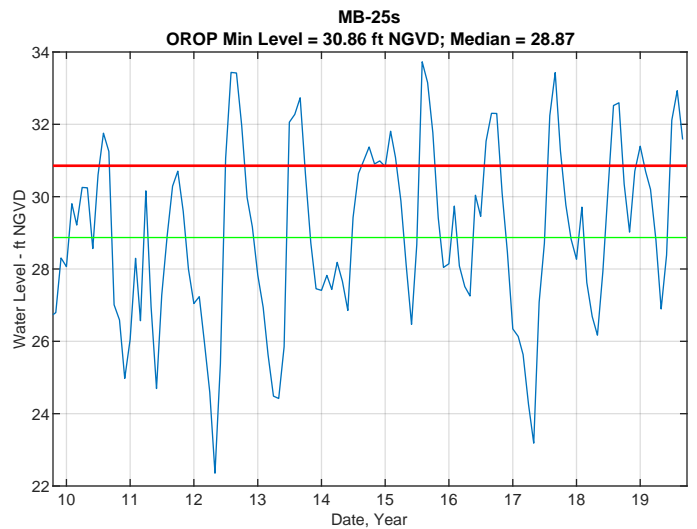
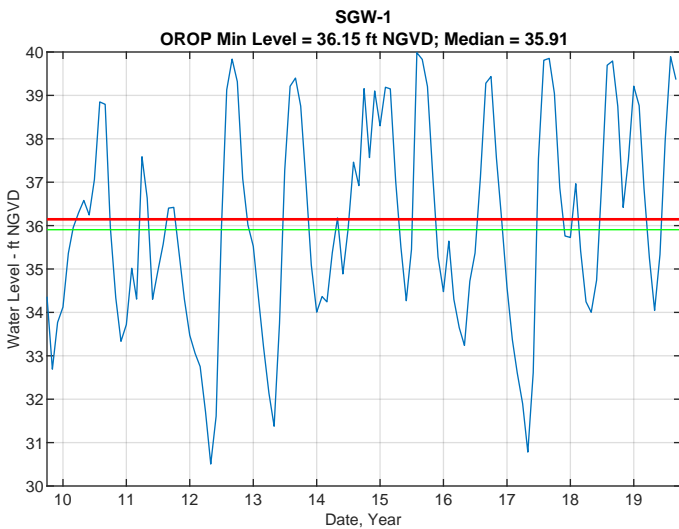
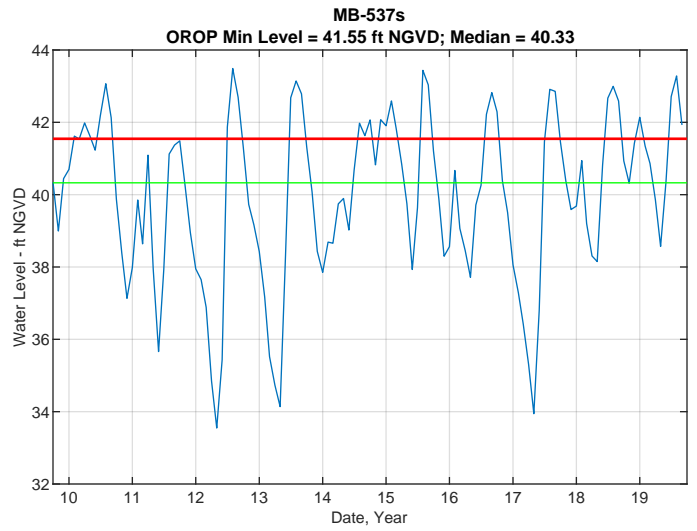
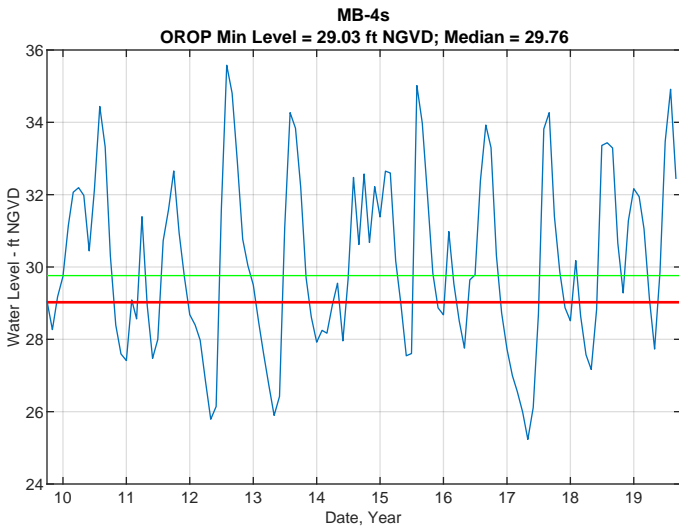
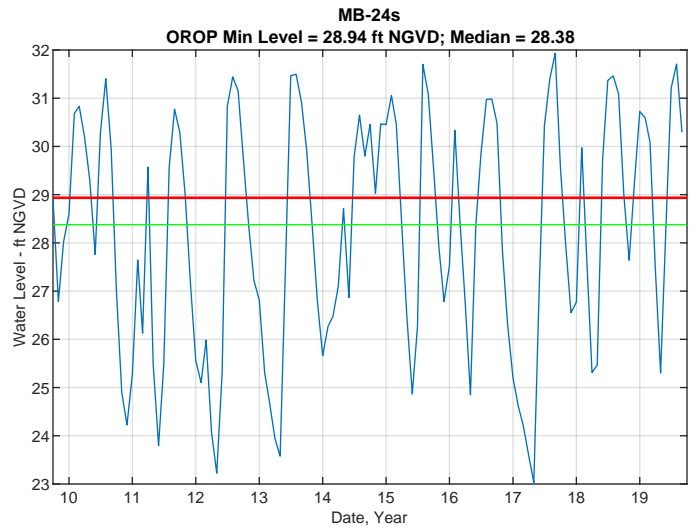
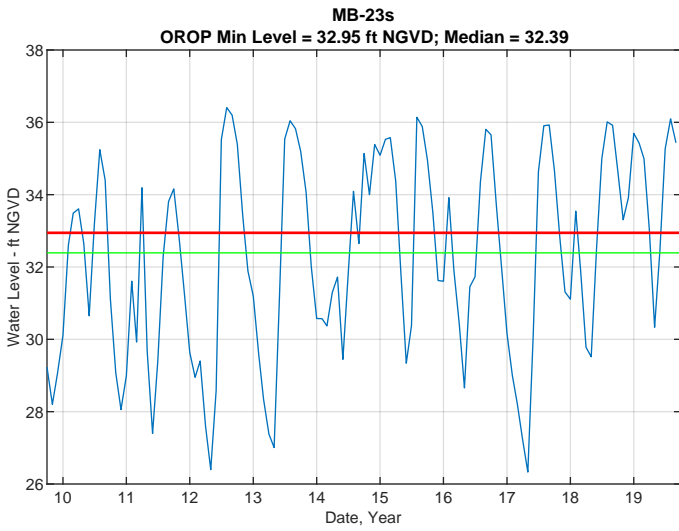
Wellfield: CYC



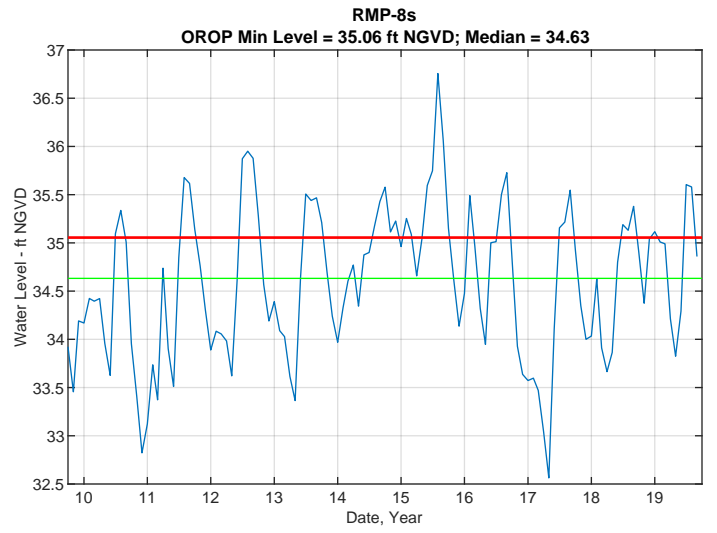
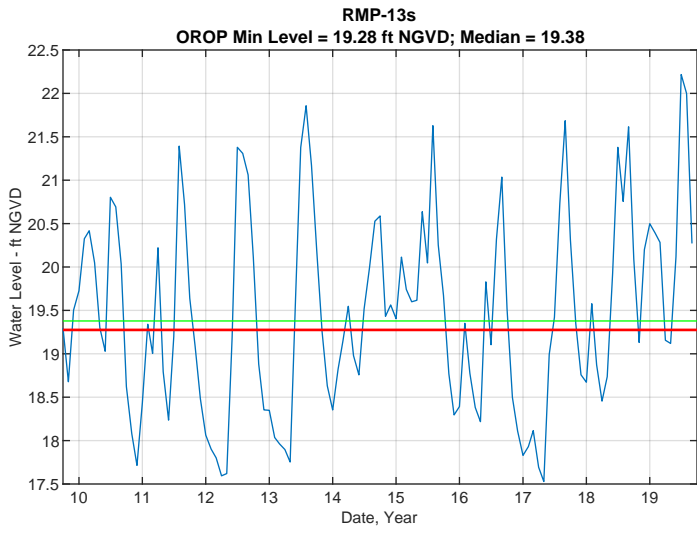
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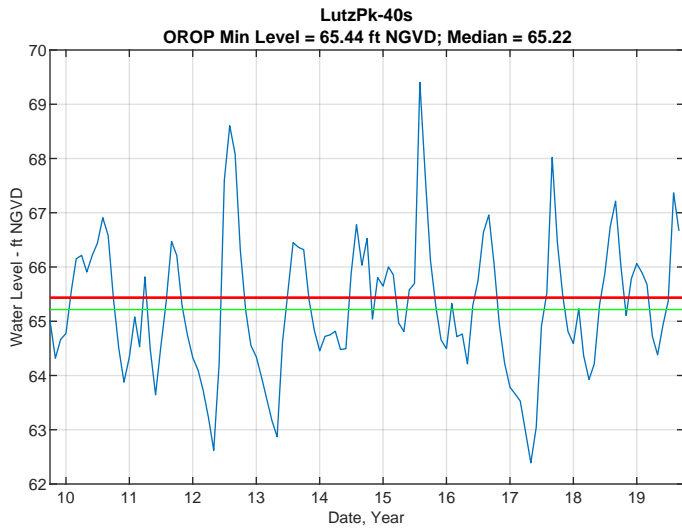
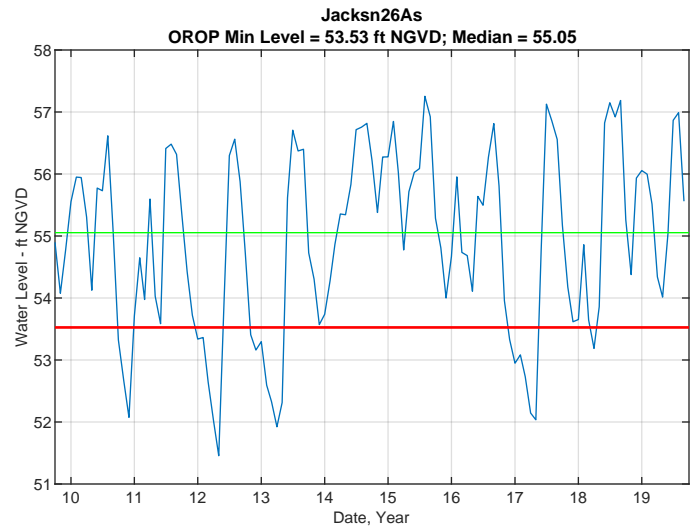
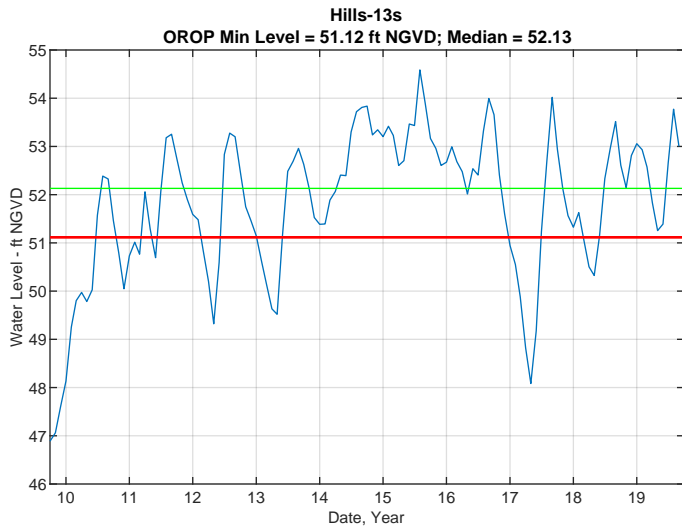
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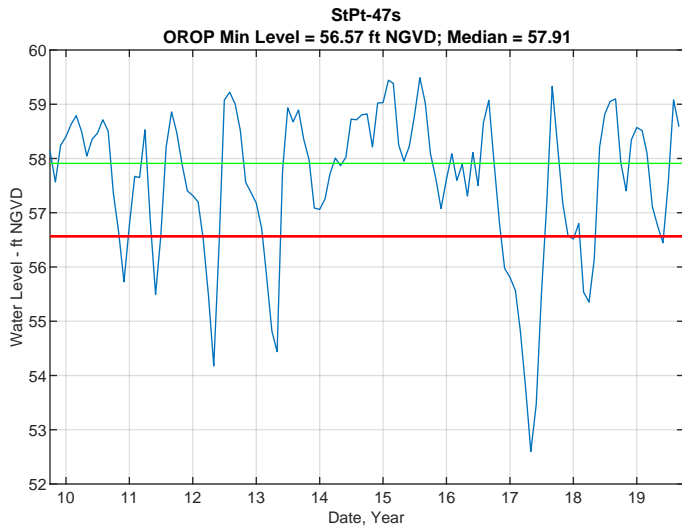
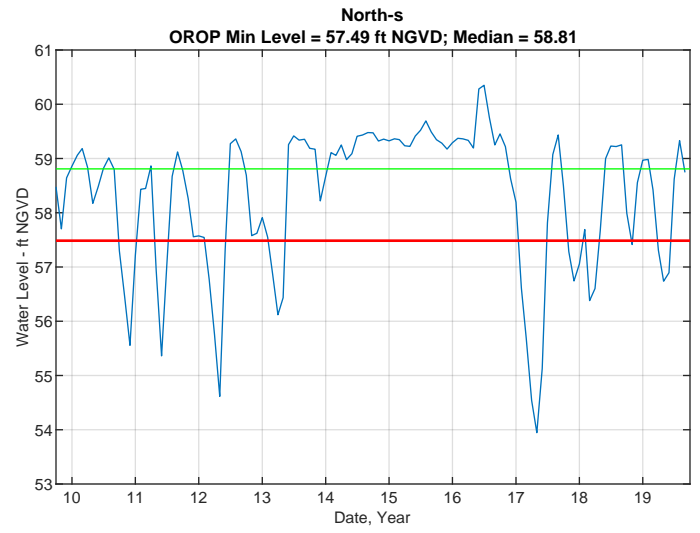
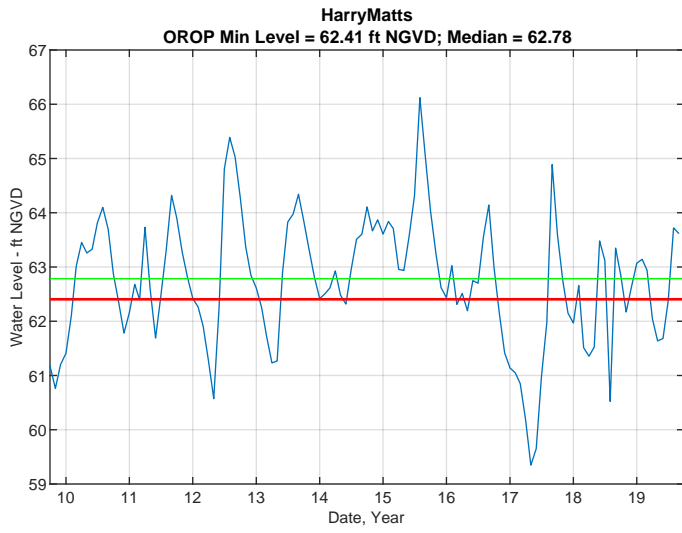
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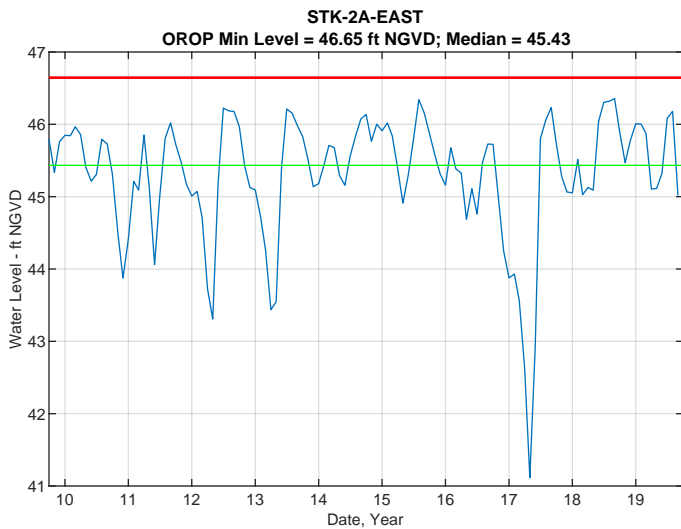
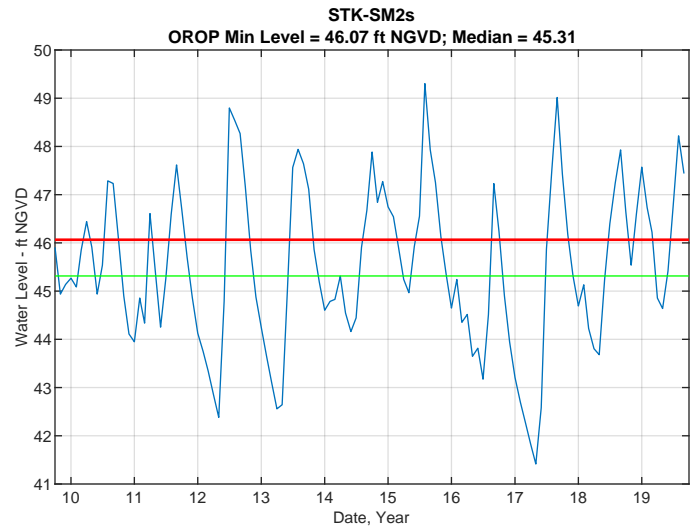
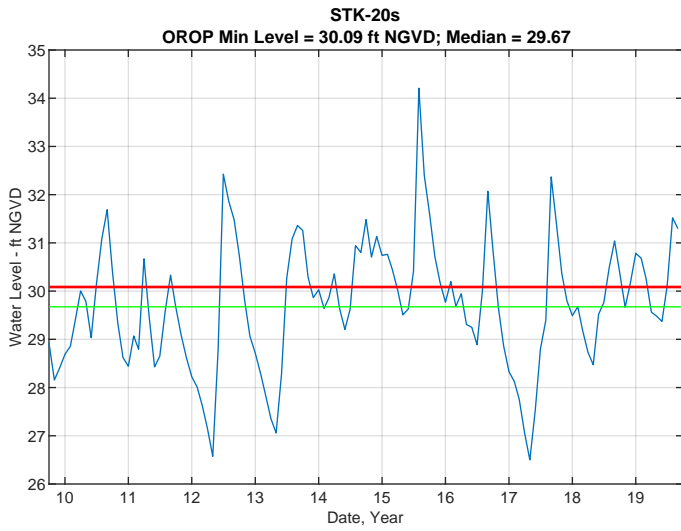
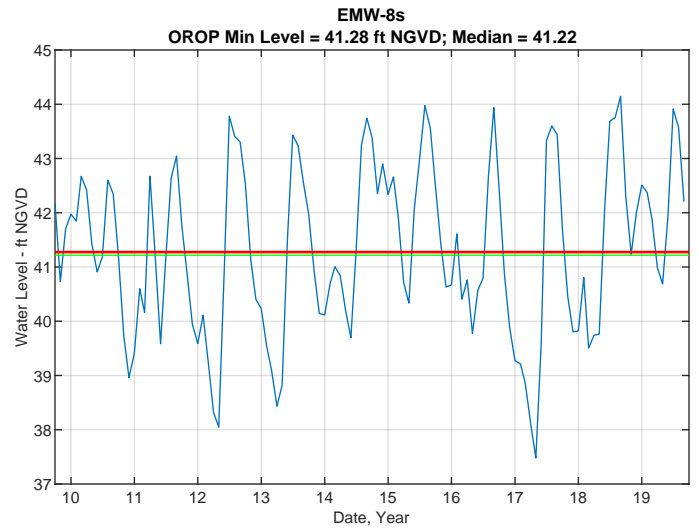
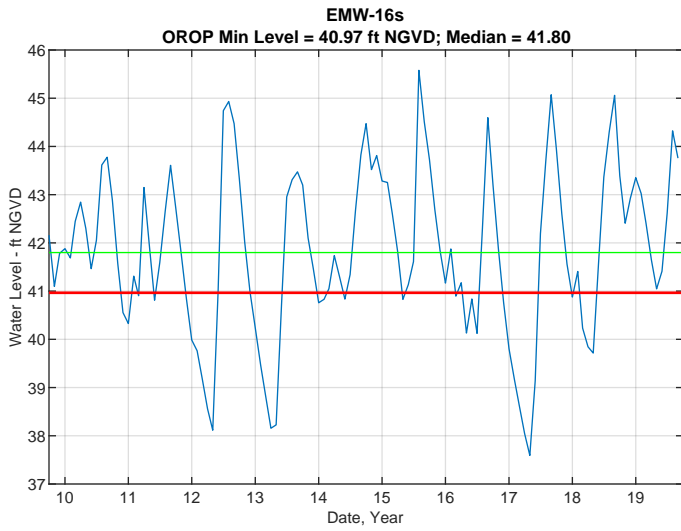
Wellfield: S21



Wellfield: SPC



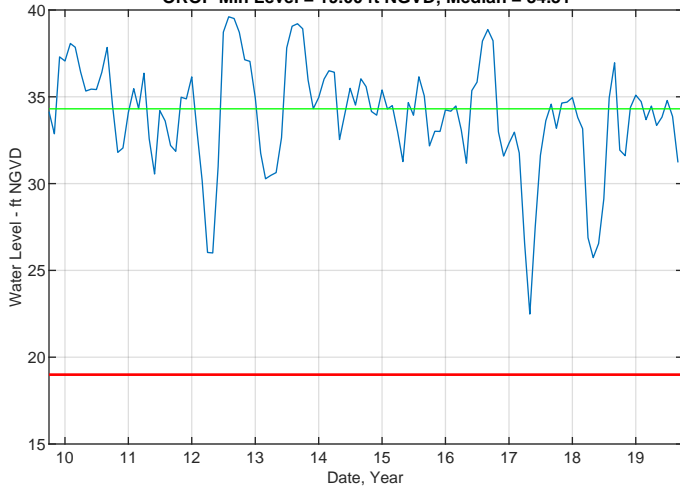
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Wellfield: COS

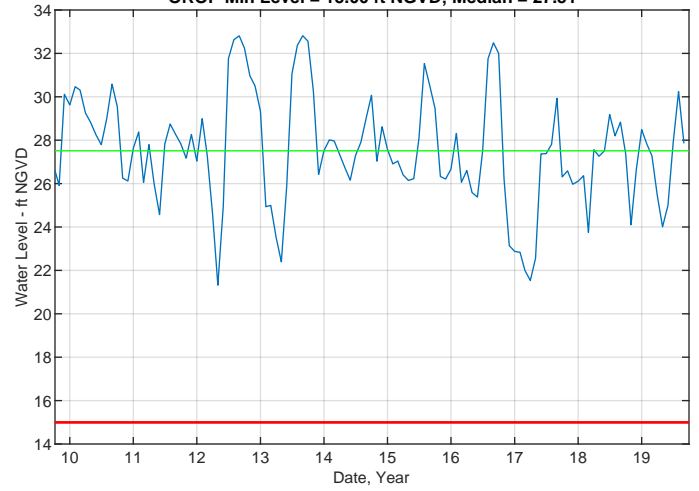
Calm-33A

OROP Min Level = 19.00 ft NGVD; Median = 34.31



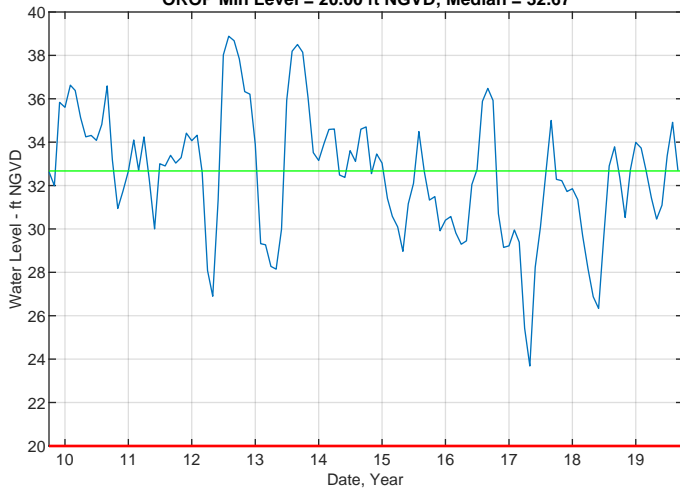
Cosme-3

OROP Min Level = 15.00 ft NGVD; Median = 27.51

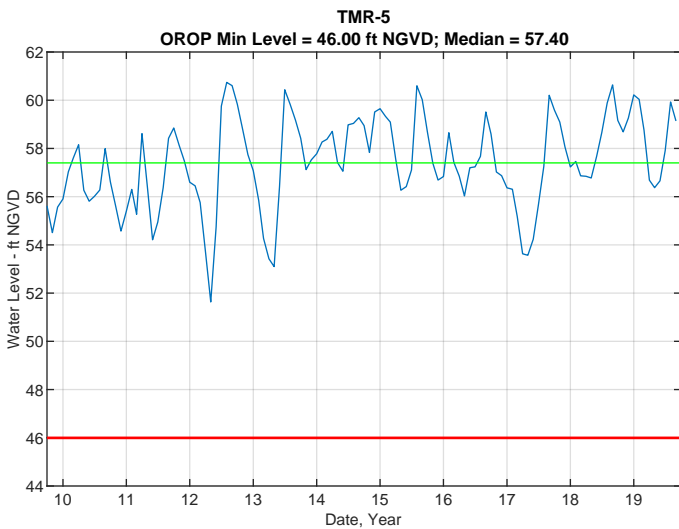
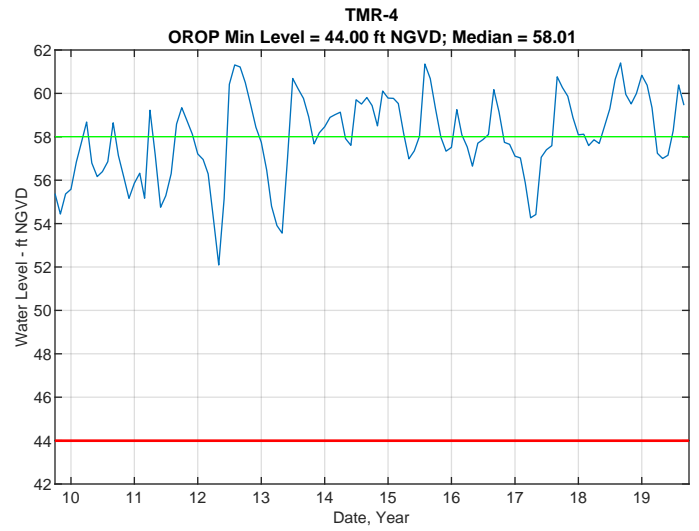
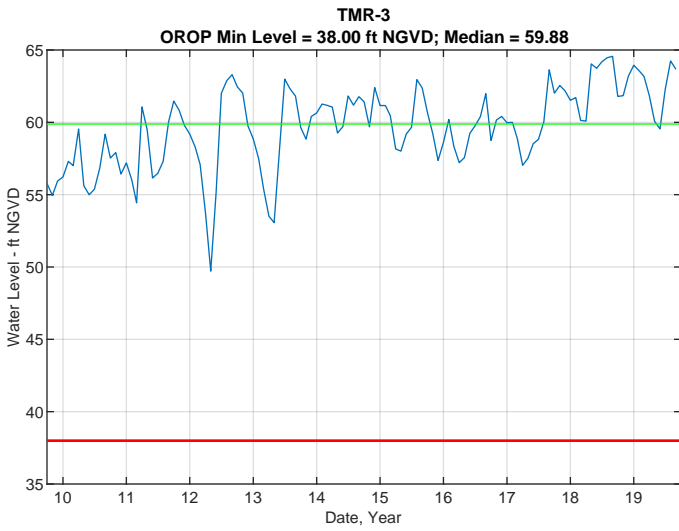
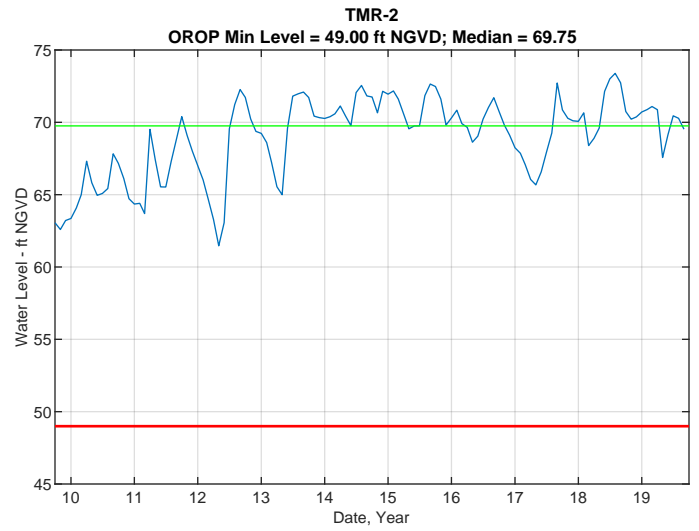
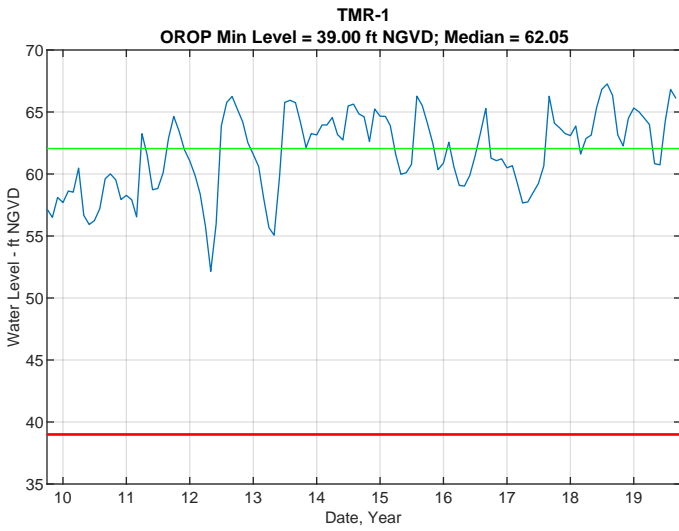


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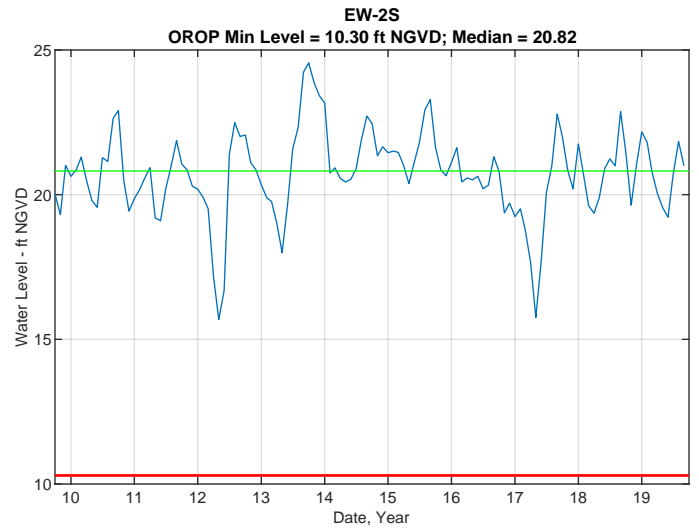
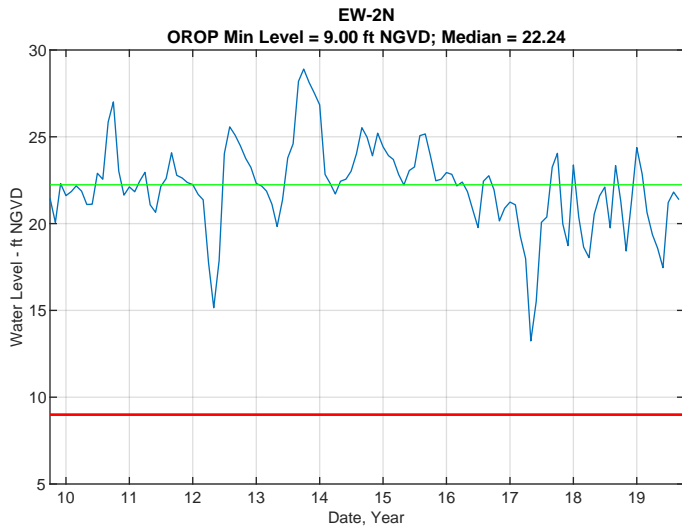
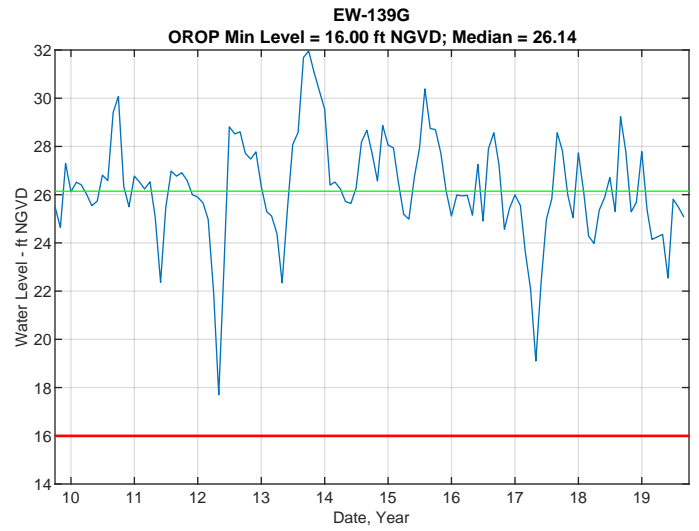
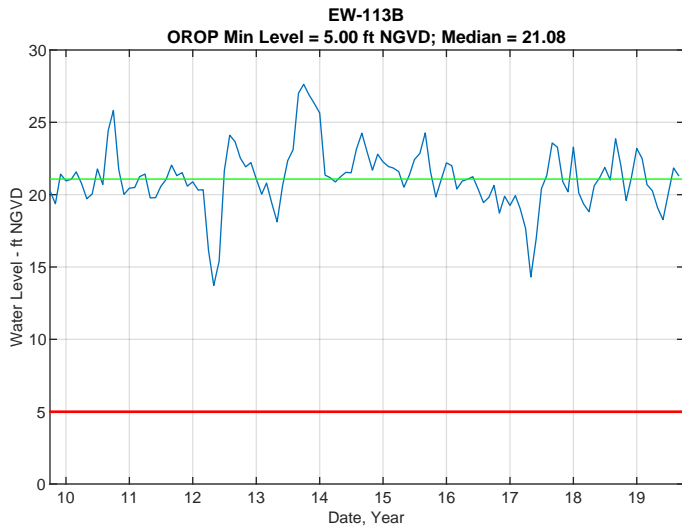
OROP Min Level = 20.00 ft NGVD; Median = 32.67



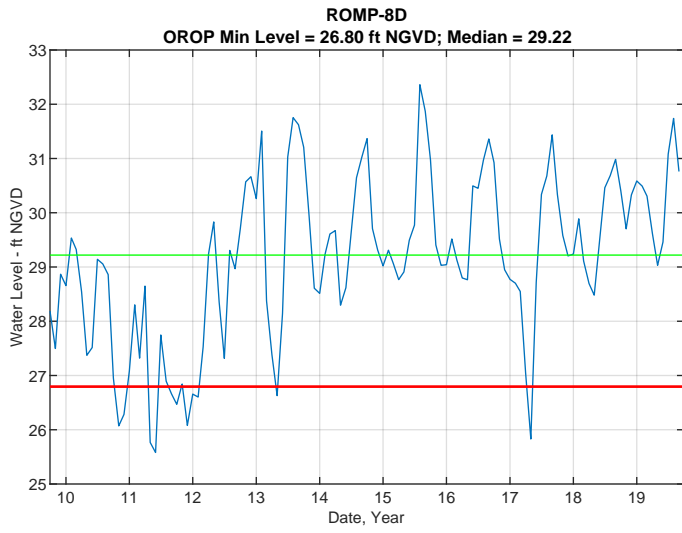
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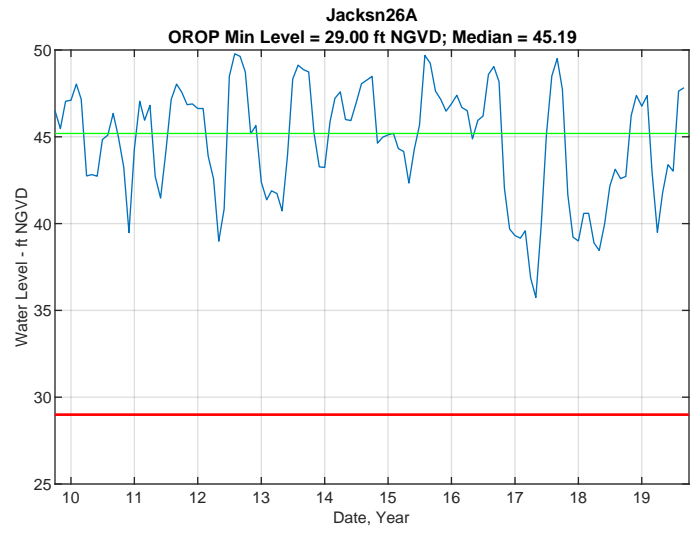
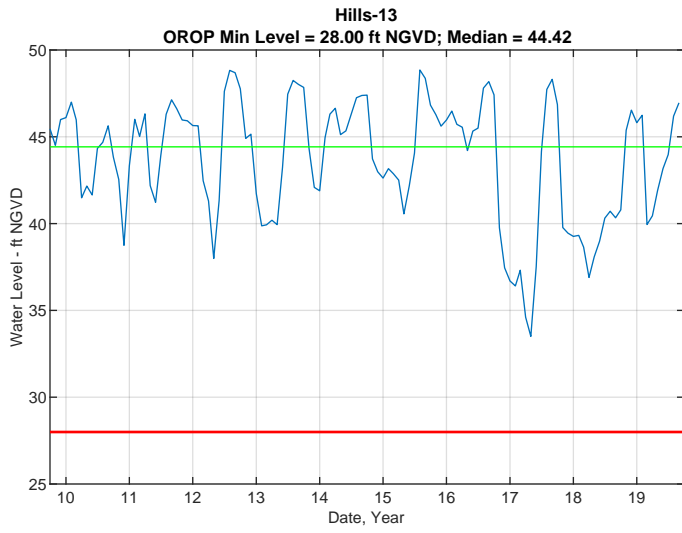
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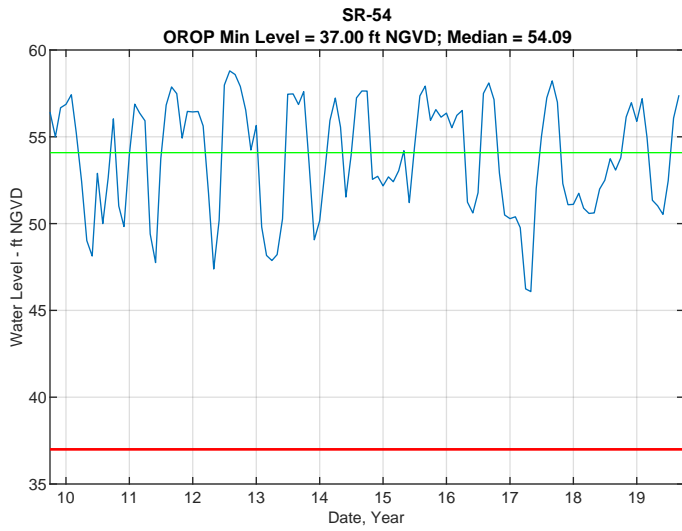
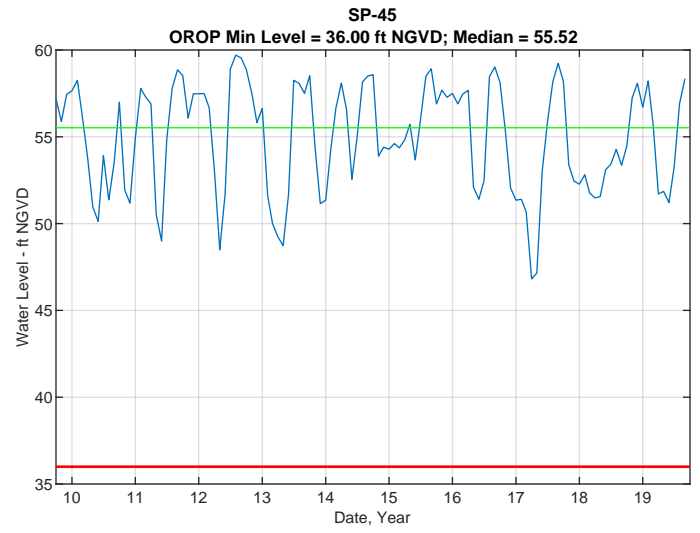
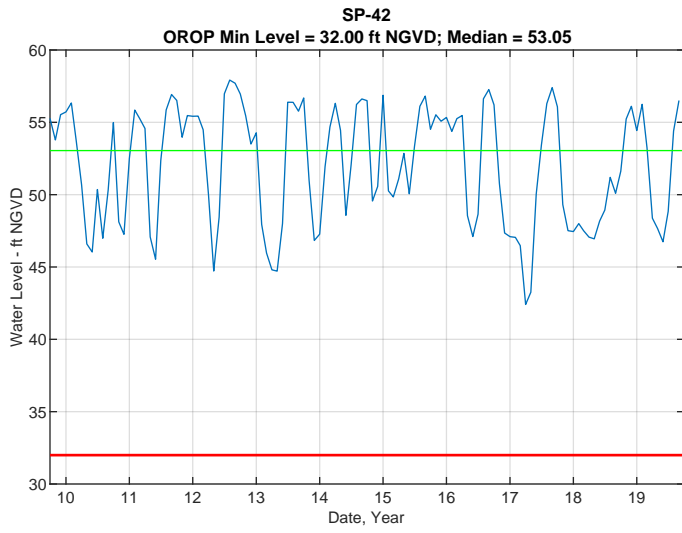
Wellfield: NWH



Wellfield: S21



Wellfield: SPC





Operations Plan Biennial Report for Water Years 2018 and 2019

ATTACHMENT K

ATTACHMENT K
ENVIRONMENTAL MANAGEMENT PLAN - OROP REFERRAL
PROCESS

Environmental Management Plan (EMP) – OROP Referral Process

As part of the Consolidated Permit for the Central System Wellfields, Tampa Bay Water implements an Environmental Management Plan (EMP). The EMP requires monitoring of wetland hydrology and ecology and the periodic review of environmental conditions at wetlands that could potentially be impacted by groundwater pumpage. Wetland hydrology is compared with reference and control sites on a semi-annual basis (spring and fall, or dry and wet seasons). Hydrologic parameters are compared to controls (and in some cases to baseline conditions) and statistical outliers identified. Due to the large number of wetlands monitored and the possibility of transient environmental conditions, no action is required for the first two consecutive semi-annual analyses identifying an outlier. The third consecutive instance of a statistical outlier requires a site-specific analysis (Wellfield Influence Test) for the identified wetland. However, due to overlap in scope with the Consolidated Permit Recovery Assessment, Tampa Bay Water requested and received approval to delay initiation of any new Wellfield Influence Tests until after completion of all recovery assessment work in December 2020. (The May 21, 2019 District letter approving this request is attached.)

Based on results of the EMP analyses for Water Years 2018 and 2019, twenty-one wetlands were identified as persistent statistical outliers, one at the Cross Bar Ranch Wellfield, ten at the Cypress Bridge Wellfield, four at the Cypress Creek Wellfield, and two each at the Northwest Hillsborough, Morris Bridge and J.B. Starkey Wellfields (Table K-1, Figures K-1 through K-6).

Northwest Hillsborough Regional Wellfield wetland 132817 was a statistical outlier for normal pool offset for the third consecutive time in Fall 2019 (Table K-1). A recently completed investigation of this wetland (Water and Air Research 2020) found that water levels in this wetland are controlled by a ditch with an invert almost five feet below the normal pool elevation. The report concluded that “Site 132817 cannot reach acceptable water level elevations and hydroperiods due to factors not related to potable water withdrawal.”. Therefore, wetland 132817 is being placed in the “previously tested group” of the EMP, meaning it will no longer be forwarded for further investigation or incorporation into OROP.

Wetland STK-S-53 is a shallow cypress system in the central part of the Starkey wellfield. In the wet season Water Year 2019 semi-annual analysis it failed the “three-consecutive test” because of a statistically low hydroperiod. During field work conducted as part of the CWUP Recovery Assessment, it was determined that this wetland had characteristics of a connected wetland, including a vegetative connection and indications of downstream flow at high water. Figure K-7 shows that STK-S-53 appears to be a headwater wetland associated with an unnamed tributary of the Anclote River. When analyzed against the connected wetland metric (based on seasonal water level medians normalized as offsets to the Period of Record 98th percentile), STK-S-53 was not an outlier for any of the three semi-annual periods in question (Figure K-8).

OROP Control Point investigations resulting from the CWUP Recovery Assessment

Special Condition 11 of the Consolidated Permit requires a Recovery Assessment Plan that evaluates “the recovery of water resource and environmental systems attributable to reduction of..withdrawals..to 90 mgd..”. A preliminary report was completed in December 2018 (Tampa Bay Water 2018). The final results will be submitted with the CWUP renewal application in 2020.

Recovery assessment “bins” have been developed in order to define categories with respect to recovery. Hydrologic conditions at Cypress Bridge wetlands CYB A and CYB 15 were investigated during the recovery assessment and both wetlands had long term median water levels below the applicable recovery metric. A recovery assessment bin of “not fully recovered, continuing wellfield impact” will be assigned to these wetlands in the final Recovery Assessment Report (Tampa Bay Water 2020).

CYB A and CYB 15 are adjacent isolated cypress domes located just east of Interstate 75, and approximately 1/3 of a mile north of Cypress Bridge production well #5 (Fig K-9). Correlation of wetland water levels at these sites with nearby Surficial Aquifer System (SAS) control point wells was conducted, in order to see if adjustments to target levels, or addition of a new control point, could potentially improve conditions in these wetlands.

Initially both wetlands were correlated with existing OROP control point CYB-WT-5-200. The target levels calculated from these regressions, however, were lower than the existing target level. Therefore, CYB A and CYB 15 water levels were subsequently correlated with nearby SAS well CYB-WT-5-1950. This well, located approximately 125 feet north of CYB 15 and 330 feet northwest of CYB A, is co-located with Floridan well CYB-FL-5-1950. There are daily data since September 1993 available for this well.

Scatterplots of date-matched data for the wetland-well pair, along with the Kendall-Theil regression line and equation, are provided in Figure K-10 for CYB A and Figure K-11 for CYB 15. Both regression relationships are well-correlated, with Spearman R values greater than 0.9. The target levels calculated for CYB-WT-5-1950 are similar, within a half foot of each other. The calculated target level for CYB-WT-5-1950 from the regression relationship with CYB 15 is slightly higher, at 57.26 ft. NGVD. **Based on this analysis, it is recommended that CYB-WT-5-1950 be added as an OROP control point, with a target level of 57.26 ft. NGVD.** This well and its associated target level are included in the list of OROP control points included in Attachment L.

References:

Tampa Bay Water 2018. Recovery Assessment Plan Preliminary Report of Findings. Report submitted to the Southwest Florida Water Management District.

Tampa Bay Water 2020. Recovery Assessment Plan – Final Report of Findings. In preparation.

Water and Air Research 2020. Technical Memorandum, Northwest Hillsborough Regional Wellfield Site 132817in (Airview Drive) Elevation Survey and Hydrological Evaluation

Table K-1. Wetlands failing EMP "Three Consecutive Test" in Water Years 2018 and 2019

TBW Site ID	Wetland ID	Site Name	Wellfield Code	Most recent failure of "three consecutive" test	Number of consecutive times	Recovery Assessment Wetland Type	Recovery Assessment Bin	Comment
4880	18	Q21	CBR	Fall 2019	3	Isolated Marsh	Improved Not Fully Recovered	On hold until completion of recovery assessment
4988	366	132817	NWH	Fall 2019	3	Isolated Cypress	Impacted Due to Other Causes	Considered impacted by land-use and ditching and not wellfield - Water & Air 2020 study
4985	377	NW012817	NWH	Fall 2019	3	Connected Wetland	Recovered	On hold until completion of recovery assessment
5434	434	STK-S-053	STK	Fall 2019	3	Isolated Cypress	Improved Not Fully Recovered	Passes "three consecutive test" when analyzed as a connected wetland
5440	439	STK-S-063	STK	Fall 2019	3	Isolated Cypress	Improved Not Fully Recovered	On hold until completion of recovery assessment
6173	270	MBR-80	MBR	Fall 2019	12	Connected Wetland	Recovered	On hold until completion of recovery assessment
6167	284	MBR-103	MBR	Fall 2019	4	Connected Wetland	Recovered	On hold until completion of recovery assessment
6113	187	CYC-W01	CYC	Fall 2019	11	Connected Wetland	Recovered	On hold until completion of recovery assessment
3788	204	CYC-W23	CYC	Fall 2019	7	Undetermined	Improved Not Fully Recovered	On hold until completion of recovery assessment
6125	205	CYC-W27	CYC	Fall 2019	3	Isolated Cypress	Improved Not Fully Recovered	On hold until completion of recovery assessment
3797	223	CYC-W46	CYC	Fall 2019	4	Isolated Cypress	Improved Not Fully Recovered	On hold until completion of recovery assessment
3882	131	CYB-14	CYB	Fall 2019	3	Isolated Cypress	No Cutback, Meets Metric	On hold until completion of recovery assessment
3883	132	CYB-15	CYB	Spring 2019	5	Isolated Cypress	Not Fully Recovered, continuing wellfield impact	addressed in this report; added as the wetland correlated with new control point CYB-WT-5-1950
9537	139	CYB-22	CYB	Fall 2019	5	Connected Wetland	No Cutback, Meets Metric	On hold until completion of recovery assessment
3888	140	CYB-23	CYB	Fall 2019	4	Isolated Cypress	No Cutback, Meets Metric	On hold until completion of recovery assessment
3890	142	CYB-25	CYB	Spring 2019	3	Isolated Cypress	No Cutback, Meets Metric	On hold until completion of recovery assessment
3891	147	CYB-30	CYB	Fall 2019	3	Isolated Cypress	No Cutback, Meets Metric	On hold until completion of recovery assessment
9541	148	CYB-31	CYB	Fall 2019	5	Connected Wetland	No Cutback, Meets Metric	On hold until completion of recovery assessment
3894	151	CYB-34	CYB	Fall 2019	4	Isolated Marsh	No Cutback, Meets Metric	On hold until completion of recovery assessment
3895	153	CYB-A	CYB	Fall 2019	11	Isolated Cypress	Not Fully Recovered, continuing wellfield impact	addressed in this report; correlated with CYB-WT-5-1950 but calculated HT was lower than that for CYB 15
9544	155	CYB-C12	CYB	Fall 2019	5	Connected Wetland	No Cutback, Meets Metric	On hold until completion of recovery assessment

Notes:

- 1) Wetlands "not expected to recover at 90 mgd", in the "previously tested group" or that are included in an implemented Phase 1 Mitigation project are not included.
- 2) Recovery Assessment bins are the final bins from Tampa Bay Water 2020.

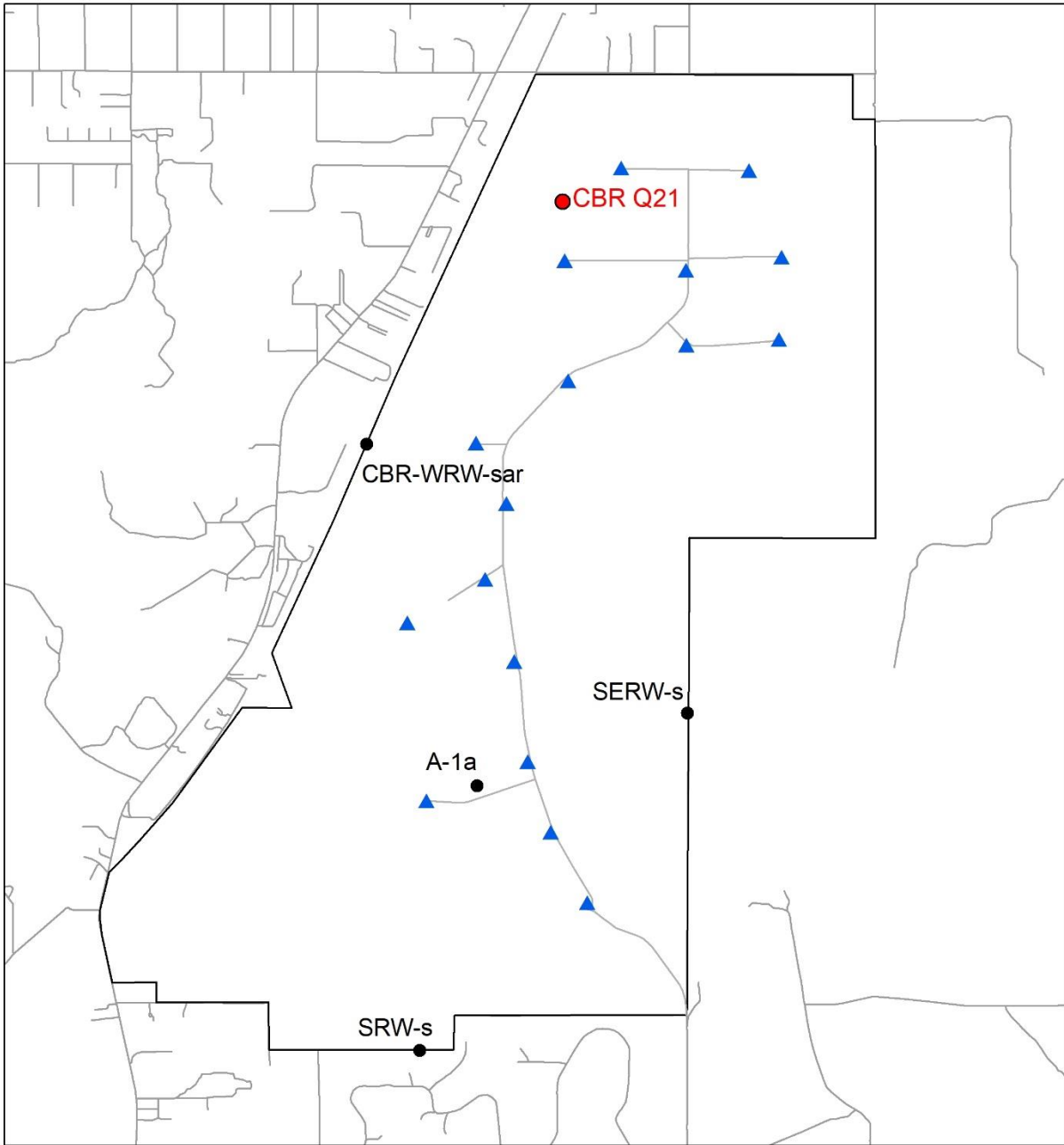
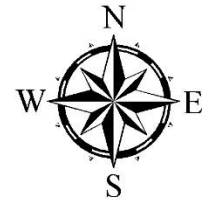
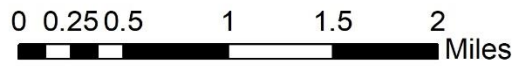


Fig. K-1 Cross Bar Wetlands Failing EMP "Three Consecutive Test" Water Years 2018 and 2019

Legend

- Three Fail Wetlands
- ▲ Production Well
- OROP Wells
- Wellfield Boundary
- Roads



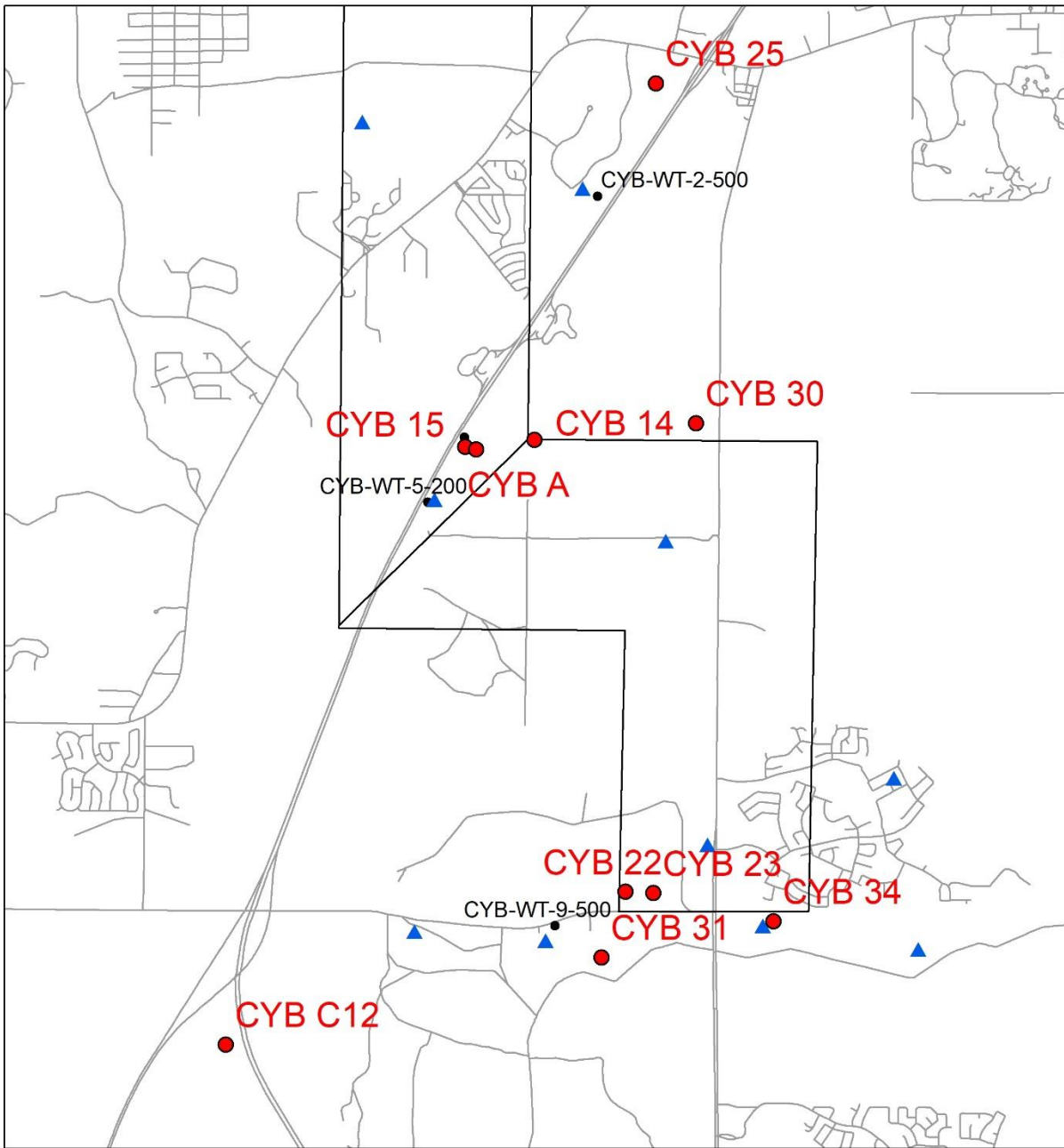
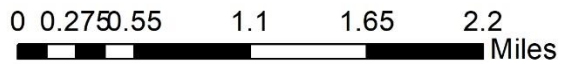


Fig. K-2 Cypress Bridge Wetlands Failing EMP "Three Consecutive Test" Water Years 2018 and 2019

Legend

- Three Fail Wetlands
- ▲ Production Well
- OROP wells
- Wellfield Boundary
- Roads



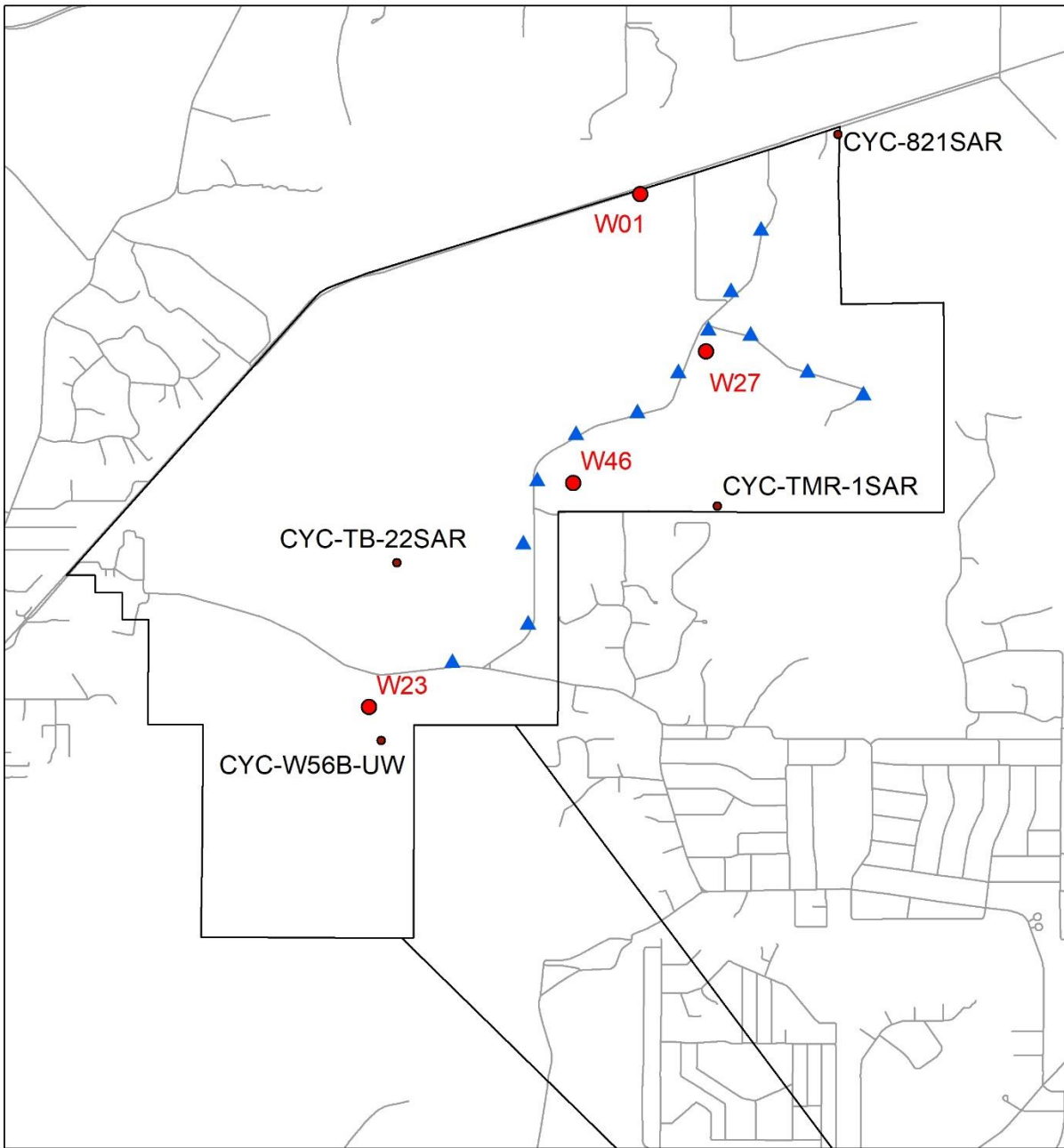
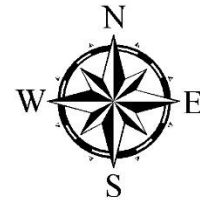
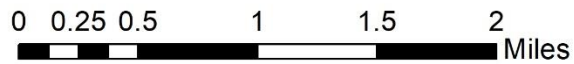


Fig. K-3 Cypress Creek Wetlands Failing EMP "Three Consecutive Test" Water Years 2018 and 2019

Legend

- Three Fail Wetlands
- ▲ Production Well
- OROP wells
- Wellfield Boundary
- Roads



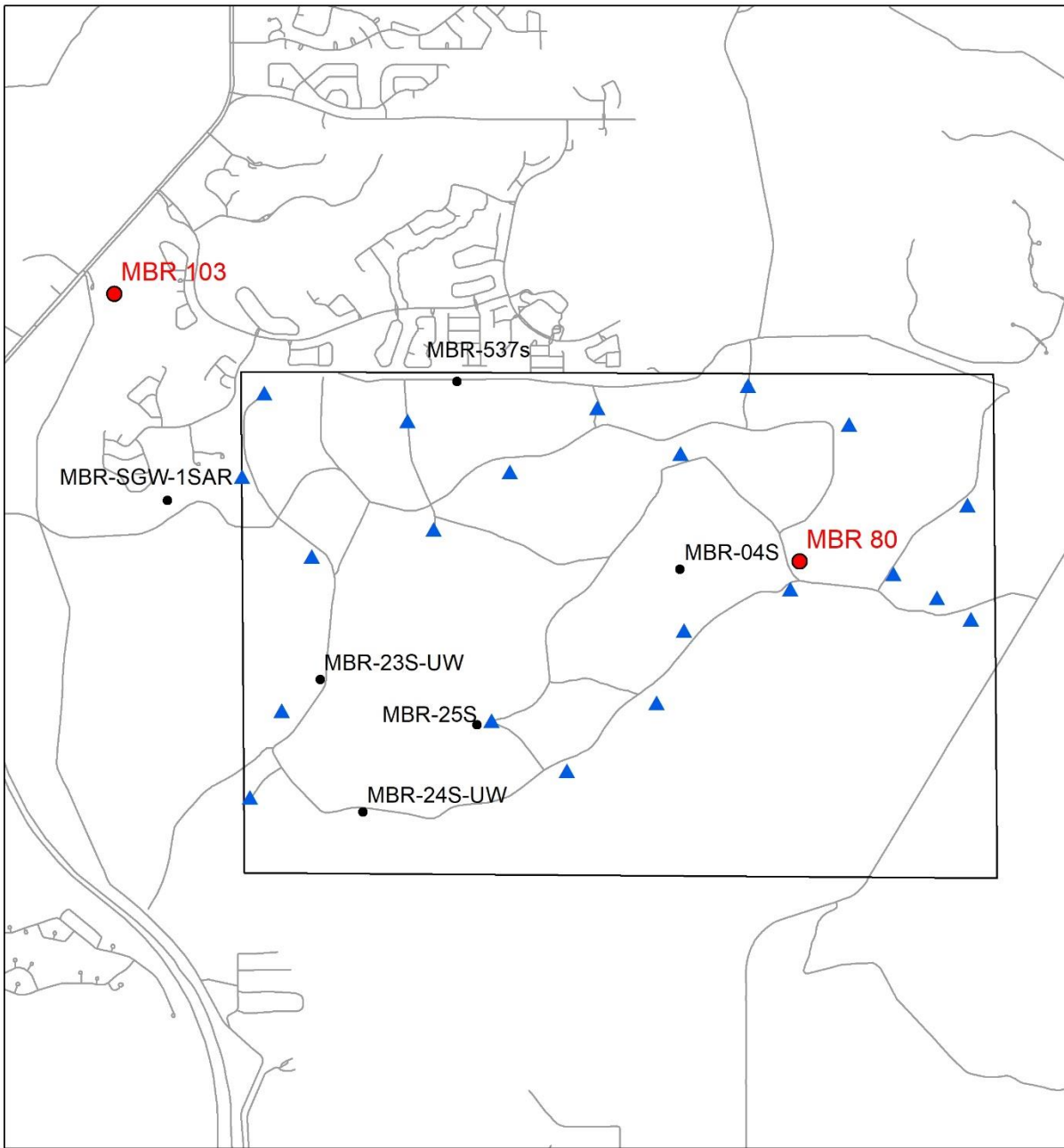
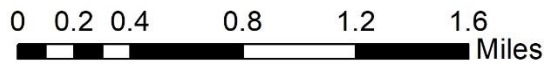


Fig. K-4 Morris Bridge Wetlands Failing EMP "Three Consecutive Test" Water Years 2018 and 2019

Legend

- Three Fail Wetlands
- ▲ Production Well
- OROP wells
- Wellfield Boundary
- Roads



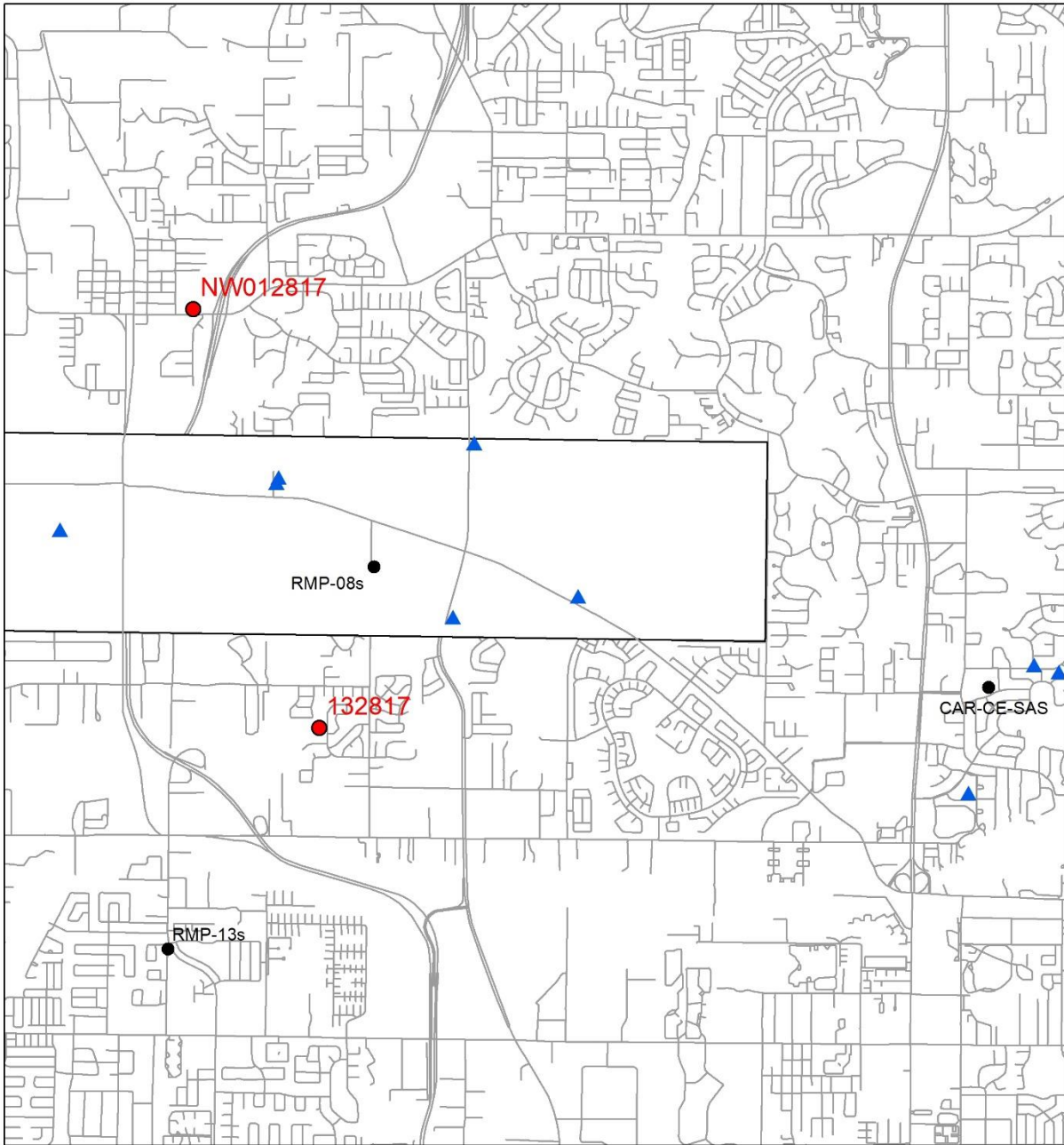
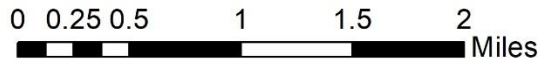


Fig. K-5 Northwest Hillsborough Wetlands Failing EMP "Three Consecutive Test" Water Years 2018 and 2019

- Legend**
- Three Fail Wetlands
 - ▲ Production Well
 - OROP Wells
 - Wellfield Boundary
 - Roads



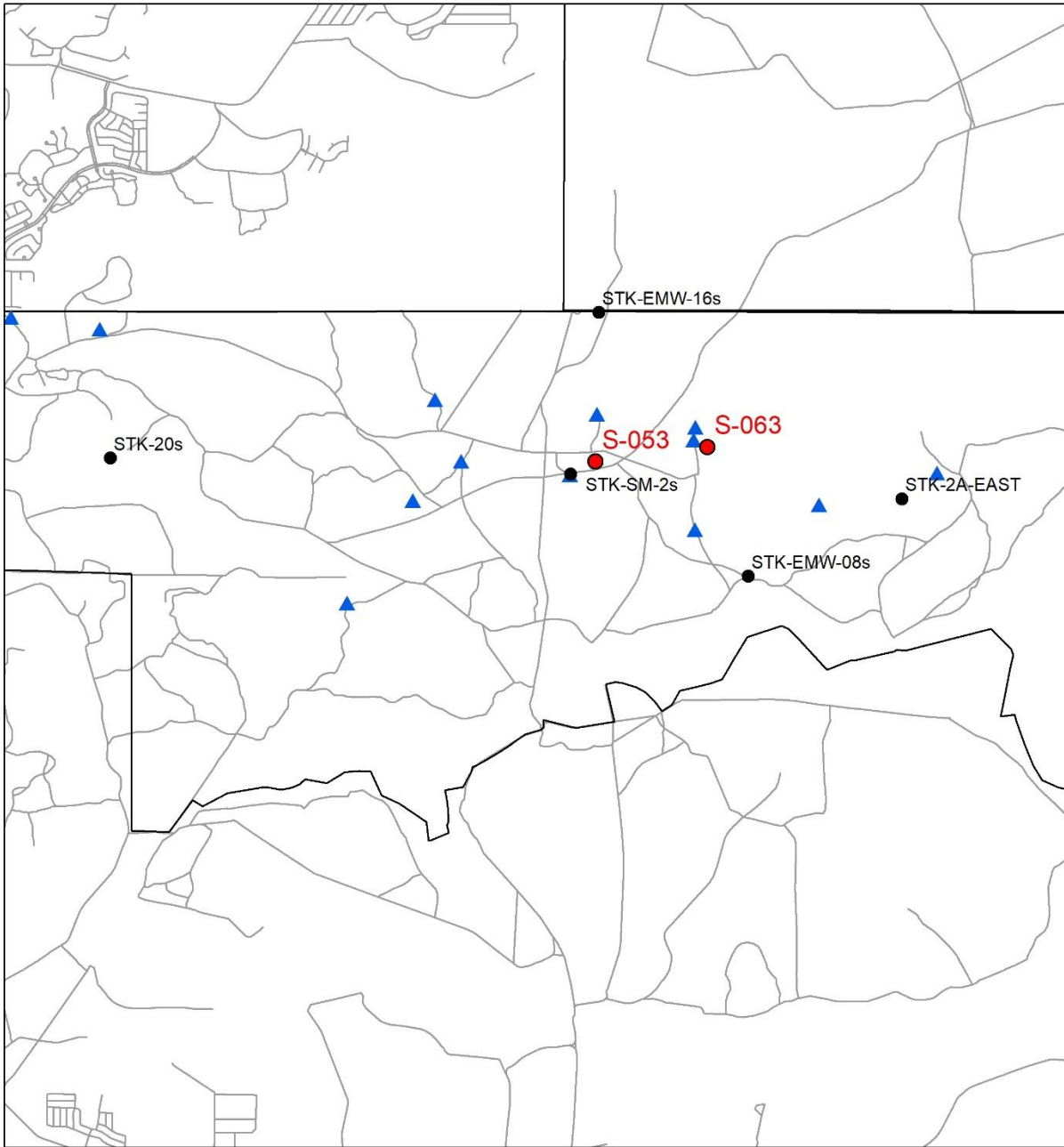


Fig. K-6 Starkey Wetlands Failing EMP "Three Consecutive Test" Water Years 2018 and 2019

Legend

- Three Fail Wetlands
- ▲ Production Well
- OROP wells
- ▭ Wellfield Boundary
- Roads

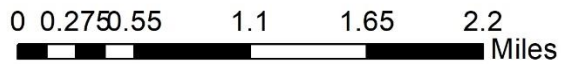
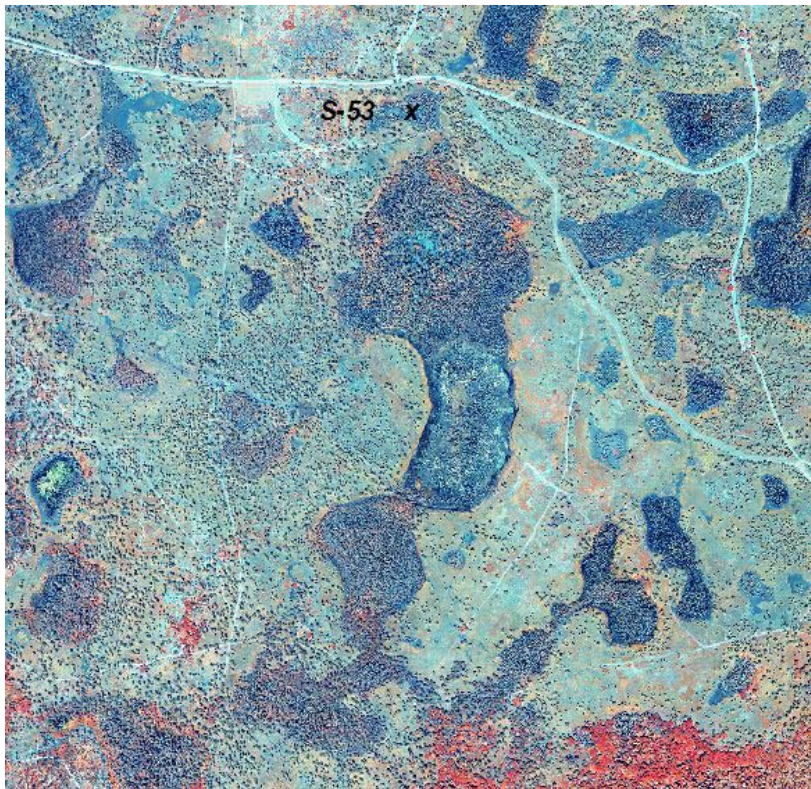


Fig K-7 Starkey wetland S-53 location map

Location in central Starkey



Close-up showing connection



Fig K-8 S-53 P98 Percentile Offsets (P98PCO) WY18 wet season through WY19 wet season



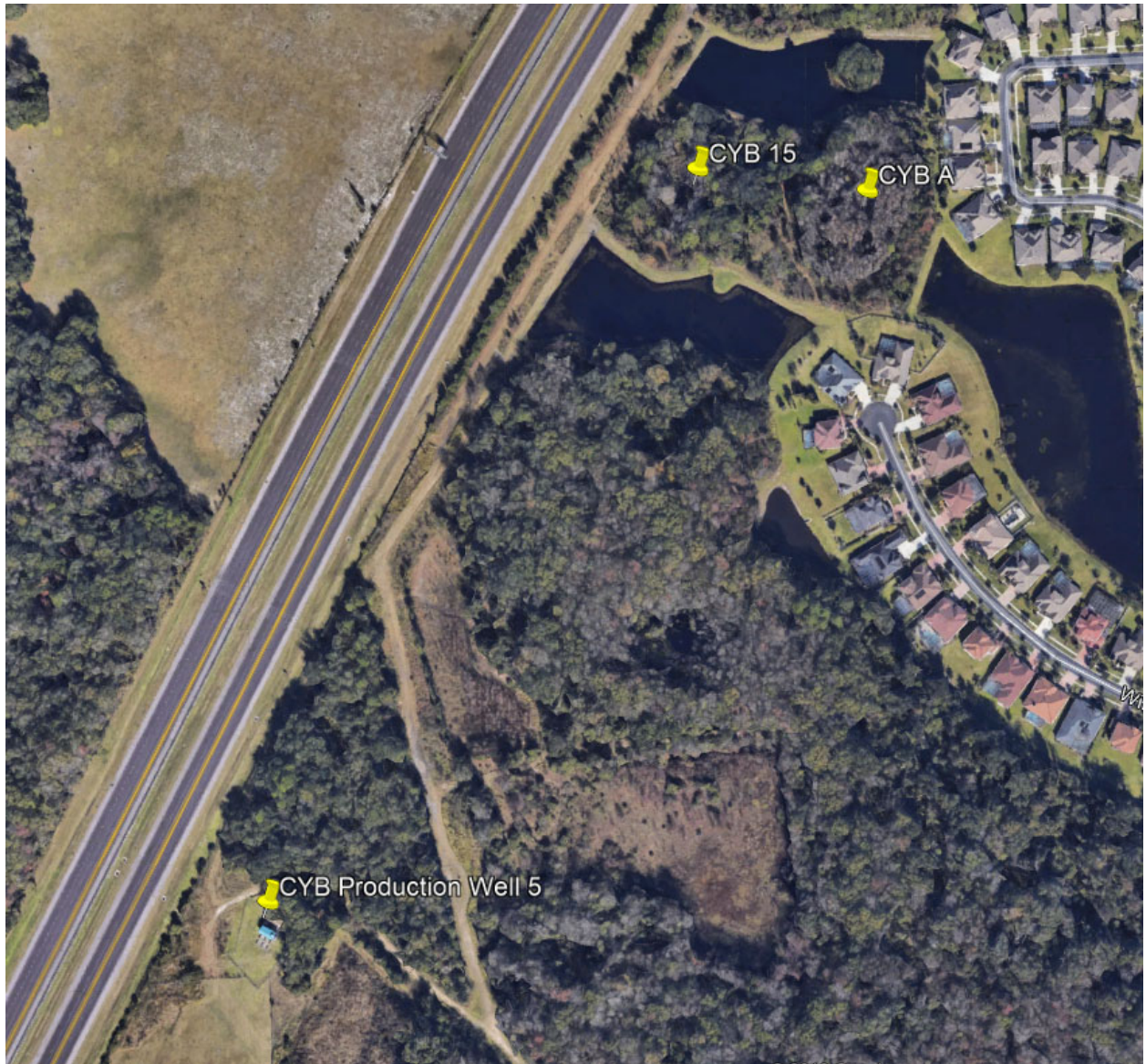


Figure K-9. Location map – Cypress Bridge Wetlands CYB A and CYB 15.

Fig. K-10 CYB A wetland and WT-5-1950 SAS well scatterplot

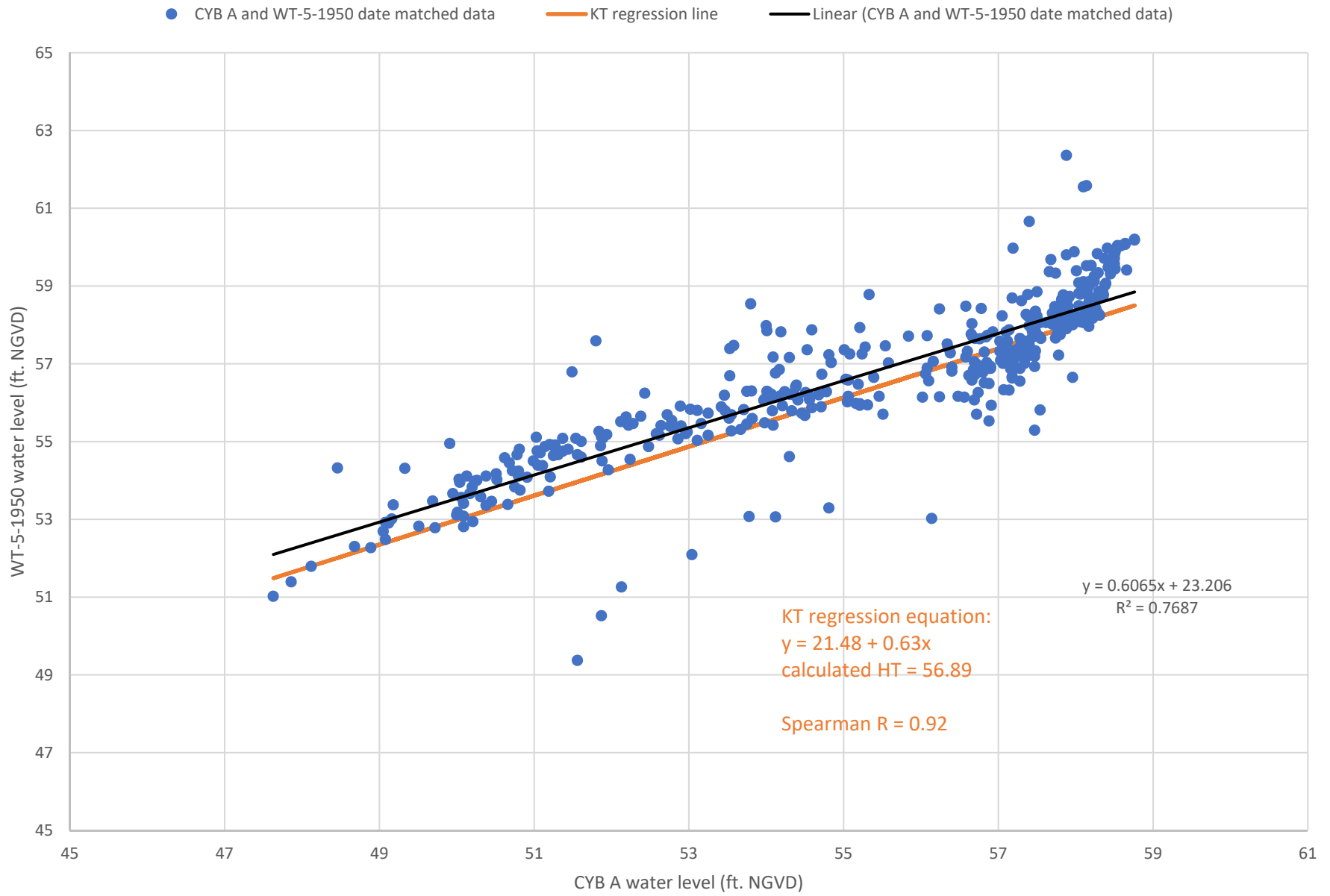
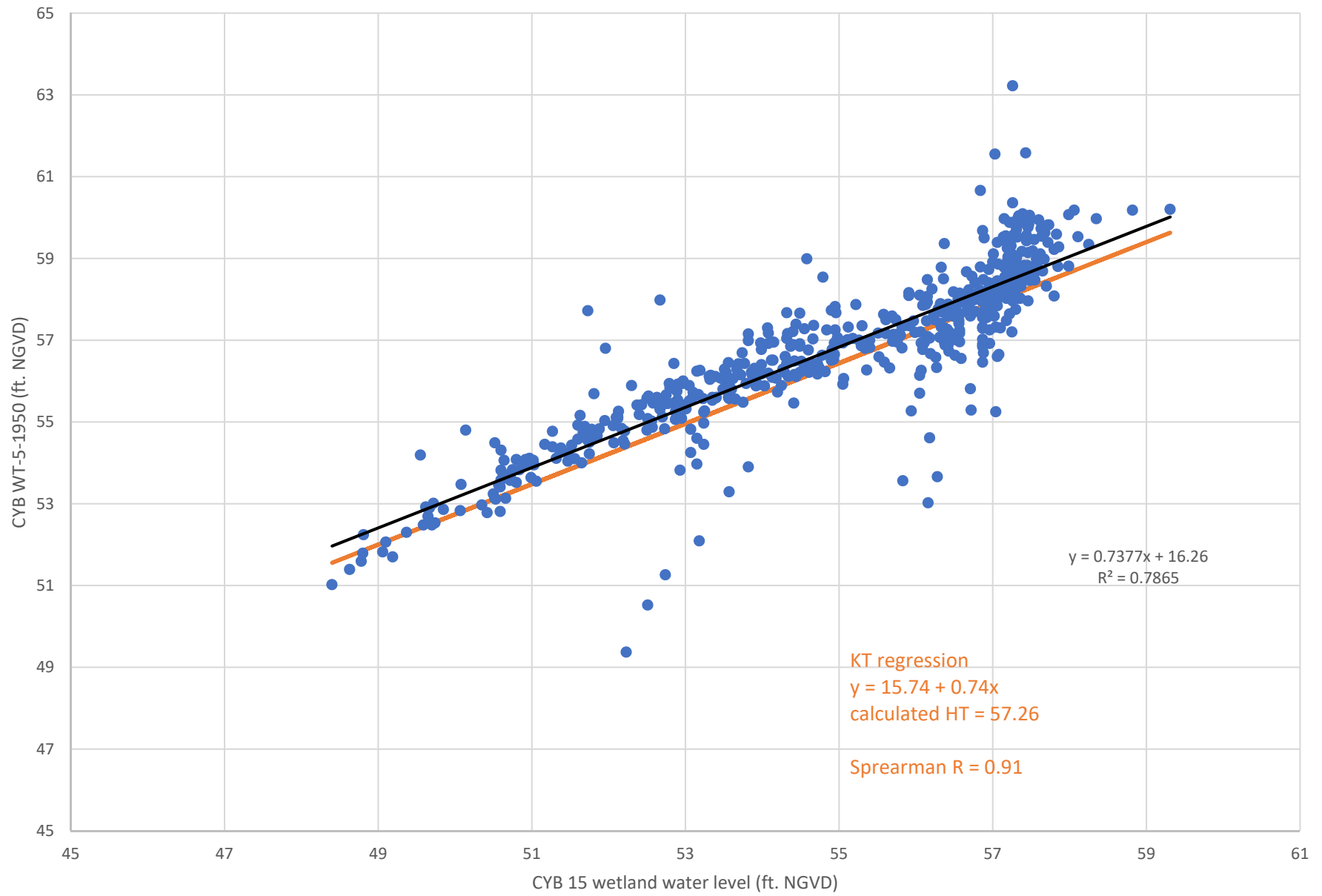


Fig. K-11 CYB 15 wetland and WT-5-1950 well scatterplot





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May 21, 2019

Tampa Bay Water
2575 Enterprise Road
Clearwater, FL 33763

Subject: **Water Use Permit Reports - Environmental Monitoring Report - Acknowledgment**
Water Use Permit Application No.: 20011771.001
Compliance Tracking No.: 404136
Project Name: TBW-CONSOLIDATED PERMIT
County: Pasco

Dear Ms. Kiehn:

The Southwest Florida Water Management District received the letter dated April 30, 2019 requesting to waive the Wellfield Influence Test Reports required by Special Condition No. 8 and 11 through December 2020. This request is **approved**.

If you have any questions or concerns, please contact me at (813) 985-7481, extension 2063, in the Tampa Service Office.

Sincerely,

Dalton Weinstein
Staff Hydrologist
Water Use Permit Bureau
Regulation Division

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MAY 24 2019

TAMPA BAY WATER
RECORDS DEPT

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Tertiary 000
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Operations Plan Biennial Report for Water Years 2018 and 2019

ATTACHMENT L

ATTACHMENT L
CORRELATION/REGRESSION ANALYSES FOR
OROP CONTROL POINTS

Regression Analysis Update Water Years 2018 and 2019

The use of regression analyses in the setting of target levels in surficial aquifer OROP control point wells is described in detail in the Revised OROP report (October 30, 1998). Minimum levels in wetlands are related through a regression equation to surficial aquifer levels in a control point well. The nonparametric regression relationships in the Revised OROP report and previously submitted OROP Annual Reports were developed using date-matched (wetland and well) period of record (POR) data available at that time. The Operations Plan Update (April 2011) indicated that this methodology would continue to be used to evaluate control point target levels. The update for the current reporting period (July 2020 report), using POR wetland and well water-level data through Water Year 2019, is discussed in this section.

Well-wetland pairs, the new Spearman's correlation coefficient (r) (based on regressions including the addition of Water Years 2018 and 2019 data), the new target level (H_T), and the difference between the new level and the previous H_T are shown in Table L-1. The sample sizes used in the calculation of the new target levels are also indicated on Table L-1.

In previous OROP reports, wetland minimum levels were generally calculated based on the wetland Minimum Flows and Levels methodology for isolated systems (Southwest Florida Water Management District 1999). Minimum levels were calculated using an offset of 1.8 feet below the level of physical or vegetative indicators of long-term inundation, known as the "normal pool" elevation. During the Consolidated Water Use Permit Recovery Assessment, an alternate indicator of wetland health, or "recovery metric", was established for wetlands located in xeric (e.g. sandhill) landscapes (Greenman-Pedersen 2020). This level does not rely on normal pool. These types of wetlands (known as "xeric-associated") generally don't have clear or consistent normal pool indicators. The method for xeric-associated wetlands relies on an offset of 3.7 feet (evaluated using long-term median water levels) below the wetland's period of record (or post-cutback, whichever is higher) 97th percentile water level value. (The 97th percentile value is equivalent to the 3% percent exceedance value and the term "PE03" is used to designate this value.) Five of the wetlands associated with OROP control points were determined to be xeric-associated through Recovery Assessment analyses. They are indicated on Table L-1. The normal pool values and PE03 values used in the calculation of minimum levels are also included in Table L-1.

Most of the updated target levels are very close to previous values (Figure L-1). The median change (on an absolute value basis) in H_T is 0.2 ft. The largest change in target level occurred at control point well James 10s, a surficial aquifer well correlated with wetland NC262717.. This well had a decrease of two feet in its calculated target based on water level data through Water Year 2019, as compared to the target levels calculated based on data through Water Year 2017 (the last time the regression analysis was updated for this well). This change in target level was primarily due to the use of the new recovery metric for xeric-associated wetlands. (Based on analysis of the soils within a 500 foot buffer of wetland NC262717 it is considered a xeric-associated wetland.)

All normal pool values used in Table L-1 were updated using the most recent data. **It is recommended that the updated target levels in Table L-1 be approved for implementation in OROP.**

The Tampa Bay Water Board approved the retirement of the two active North Pasco production wells (NOP-04 and NOP-06) in August 2017. These wells were abandoned in November 2017. The 2018 OROP Biennial Report contained the recommendation that the three OROP control points NP-7s, NP-8s and NP-9s be deleted from OROP. This recommendation was approved by the District in their August 21, 2018 comments and approval letter. The North Pasco control points have been removed from OROP and do not appear in Table L-1.

The District letter also contained the request to not use wetland MB-100 in the regression update of the target level for control point MB-537s. MFL wetland MBR-88 (aka Morris Bridge Clay Gully Cypress) is an isolated cypress dome approximately 0.5 miles west of MB-537s. Water levels at this wetland are well correlated with MB-537s, with a Spearman R of 0.88 (Fig. L-2). Kendall-Thiel regression was performed for this well-wetland pair, using wetland MBR-88 as the independent variable, resulting in a target level of 41.54 ft. NGVD for MB-537s. This target level, calculated using the Kendall-Thiel regression equation and using the published minimum level for MBR-88, is 0.02 feet lower than the previous target level. This updated target level is included in Table L-1.

References

Greenman-Pedersen, Inc. 2020, Development of a Revised Water Level Recovery Metric for Xeric-associated Wetlands in the Northern Tampa Bay Area. Report submitted to Tampa Bay Water

Southwest Florida Water Management District 1999. Establishment of Minimum Levels in Palustrine Cypress Wetlands.

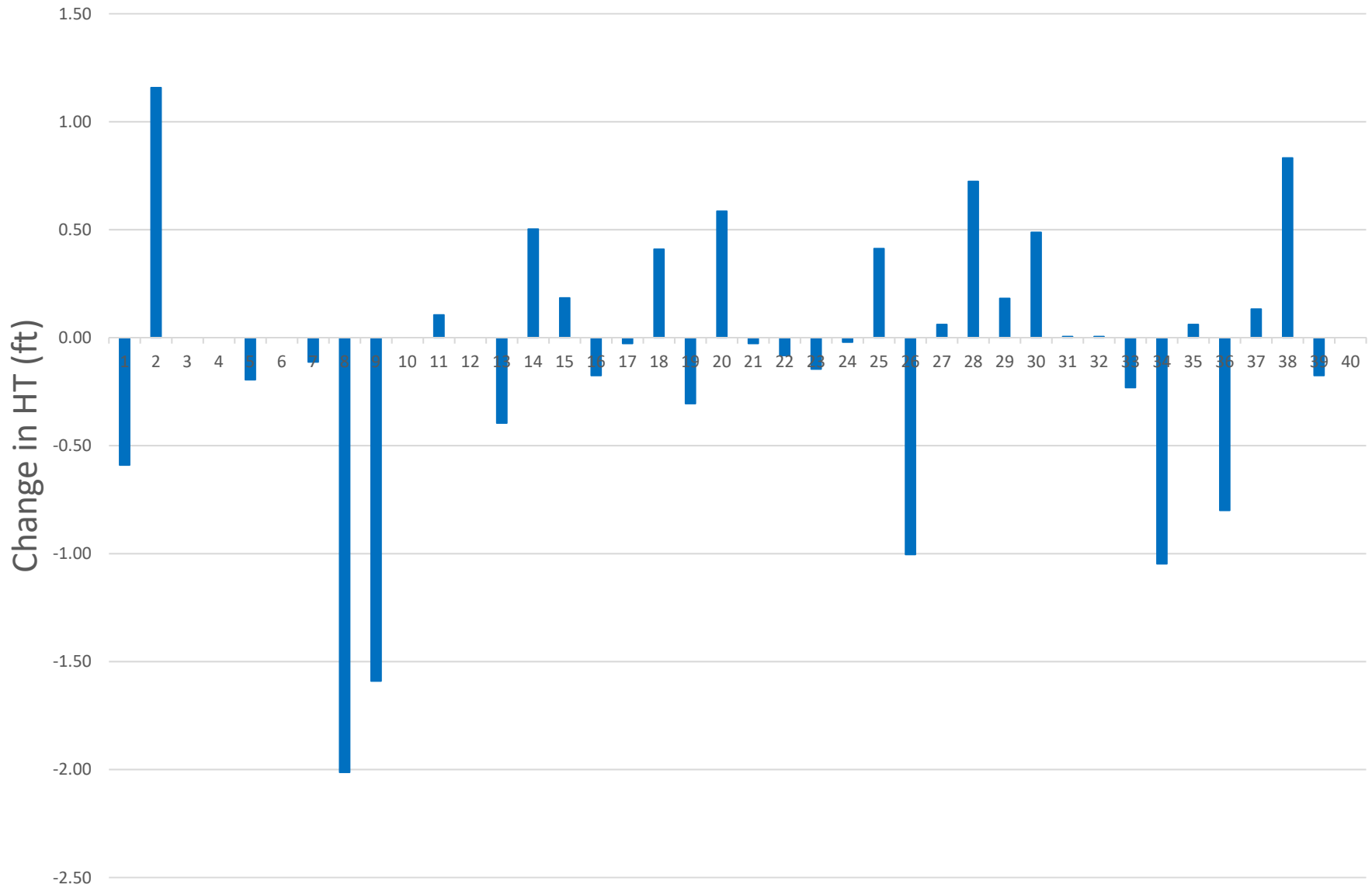
Table L-1. Updated Regression Results and 2019 Target Levels at OROP Control Points.

SeqNo	WELLFIELD	WELL	WETLAND	Is wetland xeric-associated?	Valid N	Corr. Coeff. Spearman's R	P value	KT slope (m)	constant (b)	NP or PE03	Min Level	Target Level 2019	Target Level 2017	Diff 2019-2017 TL	Start POR Date	End POR Date
1	BUDWF	BUD-14FL	Lithia Springs (Major)	NA	737	0.88	0.00	4.96	-35.19		27.83	12.70	13.29	-0.59	07/22/2000	09/26/2019
2	BUDWF	BUD-21FL	Buckhorn Springs	NA	656	0.60	0.00	0.50	4.44		12.64	16.49	15.33	1.16	09/16/2000	09/26/2019
3	CBR	CB_A1S	NA	NA	NA	NA	NA	NA	NA		67.89	68.02	68.02	0.00	01/07/1979	09/30/2019
4	CBR	SERW-s	NA	NA	NA	NA	NA	NA	NA			67.85	67.85	0.00	01/01/1979	09/30/2019
5	CBR	CB_SRWS	CB_Q01	no	510	0.95	0.00	0.81	13.89	74.3	72.50	72.30	72.49	-0.19	10/20/1990	09/17/2019
6	CBR	WRW-s	NA	NA	NA	NA	NA	NA	NA			56.80	56.80	0.00	03/19/2006	09/30/2019
7	COS	COS20S	L Rogers	no	1903	0.89	0.00	0.81	7.85		35.60	36.56	36.67	-0.11	08/15/1994	09/16/2019
8	COS	JAMES10S	NC262717	YES	640	0.94	0.00	1.17	-8.16	47.7	43.98	43.49	45.50	-2.01	11/16/1983	09/17/2019
9	COS	KEYSTN36	C142717	YES	560	0.96	0.00	0.90	5.29	59.8	56.13	55.80	57.39	-1.59	03/01/1989	09/17/2019
10	CYB	WT-5-200	NA	NA	NA	NA	NA	NA	NA			52.29	52.29	0.00	09/21/1993	09/30/2019
11	CYB	WT-2-500	CYB_W4	no	527	0.78	0.00	1.46	-36.38	71.0	69.20	64.63	64.52	0.10	10/07/1993	09/24/2019
12	CYB	WT-9-500	NA	NA	NA	NA	NA	NA	NA			47.56	47.56	0.00	7/1/1993	09/30/2019
13	CCWF	TB-22S	W12A	no	524	0.89	0.00	1.38	-27.27	63.8	62.00	58.14	58.54	-0.40	06/14/1984	09/16/2019
14	CCWF	TMR-1S	W45A	no	539	0.83	0.00	2.09	-81.90	71.5	69.70	64.03	63.53	0.50	12/04/1985	09/16/2019
15	CCWF	CYC 821SAR/CYC 821d	W41	no	547	0.92	0.00	1.40	-30.01	74.9	73.10	72.54	72.36	0.18	09/01/1981	09/17/2019
16	CCWF	W56B(UPLAND)	W23A	no	306	0.83	0.00	0.82	14.11	60.4	58.60	61.88	62.05	-0.18	05/28/2003	09/24/2019
17	ELW	ELW11S	EC112716	no	445	0.76	0.00	2.04	-23.72	24.0	22.20	21.52	21.55	-0.03	11/22/1998	09/25/2019
18	ELW	EW-SM15	PMD5 (NNW121716)	no	508	0.80	0.00	1.26	-6.05	28.9	27.10	28.09	27.68	0.41	11/29/1995	09/25/2019
19	ELW	EW-SM28	PMD11 (NW052717)	no	549	0.84	0.00	1.03	-1.93	38.2	36.40	35.61	35.91	-0.30	11/1/1991	09/23/2019
20	MBR	MB-23s	MB91	no	629	0.92	0.00	0.89	3.96	35.2	33.40	33.54	32.95	0.59	3/22/1991	09/25/2019
21	MBR	MB-24sh	MB30	no	589	0.84	0.00	0.75	5.27	34.4	31.71	28.92	28.94	-0.03	03/22/1991	09/26/2019
22	MBR	MB-25S	MB30	no	571	0.91	0.00	0.95	-0.13	34.4	32.60	30.78	30.86	-0.08	08/25/1989	09/26/2019
23	MBR	MB-4S	MB14	no	474	0.88	0.00	0.89	-0.59	35.1	33.30	28.89	29.03	-0.14	09/08/1989	05/15/2019
24	MBR	MB537S	MB88 (Clay Gully Cypress)	no	671	0.88	0.00	0.87	6.90	41.4	39.60	41.53	41.55	-0.02	10/01/1998	09/18/2019
25	MBR	SGW-1	MB91	no	460	0.90	0.00	0.72	12.43	35.2	33.40	36.56	36.15	0.41	03/04/1996	09/25/2019
26	NWH	RMP8_S	EC072818	YES	681	0.79	0.00	0.44	18.00	40.5	36.77	34.05	35.06	-1.00	06/01/1987	09/23/2019
27	NWH	RMP-13S	EC232817	no	634	0.89	0.00	0.53	8.32	22.5	20.70	19.35	19.28	0.06	06/01/1991	09/18/2019
28	S21	HILLS13S	WC212718	no	620	0.94	0.00	1.63	-33.69	54.4	52.60	51.84	51.12	0.72	02/01/1985	09/23/2019
29	S21	J26As-R	DOSSON	no	527	0.71	0.00	1.03	-0.23		52.40	53.71	53.53	0.18	11/1/1990	09/23/2019
30	S21	LUTZPK-40S	NW112718	no	200	0.94	0.00	1.15	-5.84	64.0	62.20	65.93	65.44	0.49	02/07/1995	09/30/2010
31	SOP	MATTS	CAMP	no	299	0.96	0.00	0.99	1.25		62.00	62.41	62.41	0.01	10/15/1983	09/23/2019
32	SOP	NORTH-S	PSE282618	no	546	0.87	0.00	0.79	12.19	59.2	57.40	57.49	57.49	0.00	08/01/1991	09/23/2019
33	SOP	SP47S	PTE332618	no	554	0.95	0.00	1.29	-17.31	59.0	57.20	56.34	56.57	-0.23	08/01/1991	09/23/2019
34	STK	EMW-16s	STKS62	YES	638	0.92	0.00	1.02	-1.18	44.2	40.49	39.92	40.97	-1.05	06/21/1984	09/16/2019
35	STK	EMW-8s	STKS113	no	423	0.93	0.00	1.24	-5.24	39.4	37.60	41.34	41.28	0.06	10/11/2001	09/16/2019
36	STK	STK-20S	STKS05	YES	403	0.96	0.00	0.90	7.49	27.9	24.23	29.30	30.09	-0.80	04/25/2002	09/17/2019
37	STK	STK-SM2S	STKS53	no	670	0.84	0.00	0.54	25.09	41.0	39.20	46.20	46.07	0.13	03/19/1983	09/16/2019
38	STK	STK-2A East	STKS73	no	881	0.88	0.00	1.10	-4.82	46.4	44.60	44.36	43.53	0.83	07/31/1995	09/30/2019
39	Carrollwood	CWD-Elem-SAS	Carroll	no	1715	0.85	0.00	2.11	-35.65		35.40	39.07	39.25	-0.18	08/15/2010	09/30/2019
40	CYB	CYB-WT-5-1950	CYB 15	no	551	0.91	0.00	0.74	15.74	57.8	56.00	57.26	NA	NA	07/29/1994	09/25/2019

Notes:

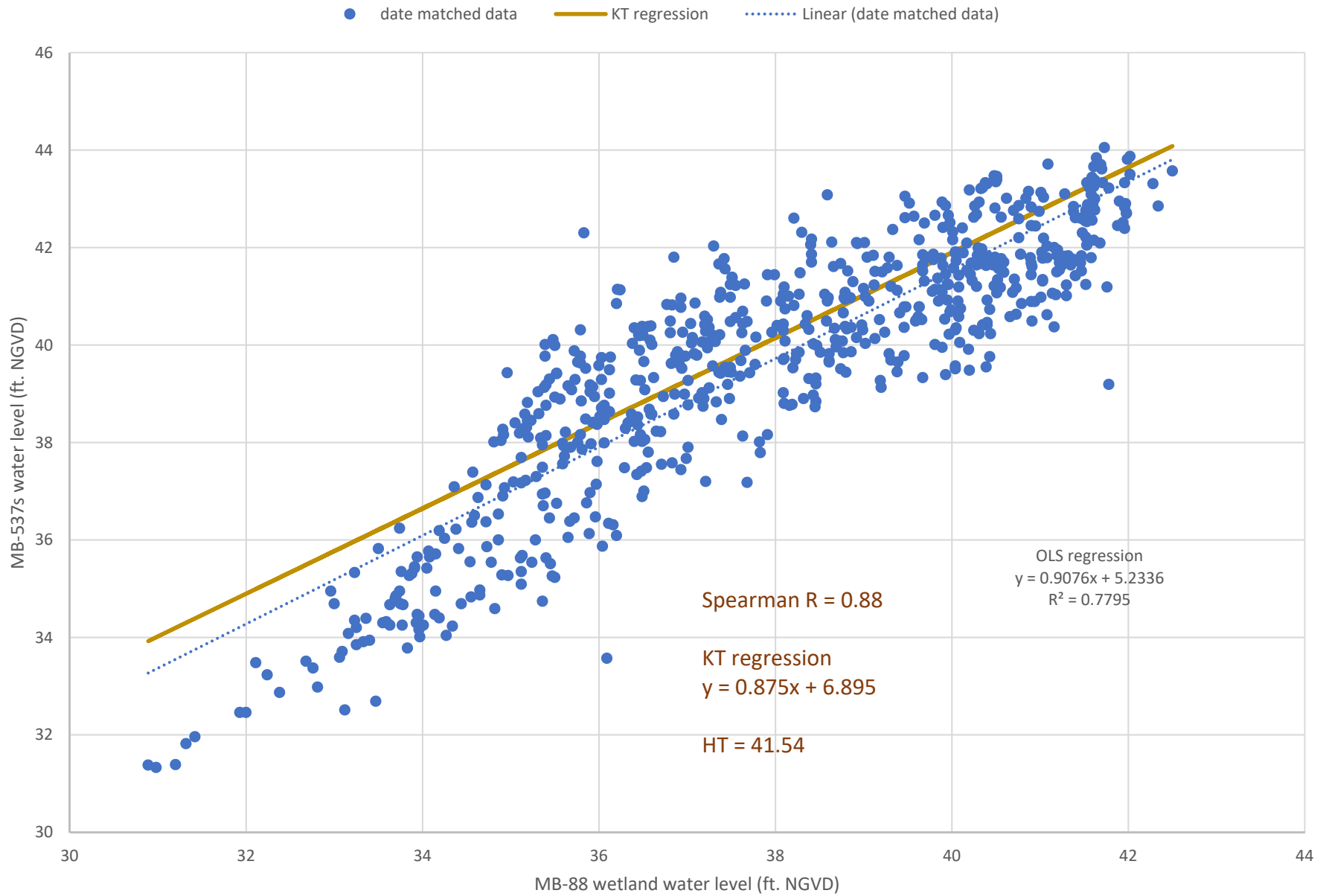
- 1) A median level from a baseline period was used to calculate the target level for SERW-s, A-1s, WRW-s, WT-05-200 and WT-09-500. Target levels (HT) in the BUDW wells is based on median flow (cfs) in the associated spring.
- 2) Wellfield abbreviations used: BUDWF = Brandon Urban Dispersed Wellfield; CBR = Cross Bar Ranch Wellfield; CCWF = Cypress Creek Wellfield; COS = Cosme Odessa Wellfield; ELW = Eldridge-Wilde Wellfield; NWH = Northwest Hillsborough Regional Wellfield; S21 = Section 21 Wellfield; SOP =South Pasco Wellfield; CYB = Cypress Bridge Wellfield; MBR = Morris Bridge Wellfield; STK = Starkey Wellfield
- 3) Xeric-associated wetlands, and associated PE03 values, are in brown type.

Figure L-1 Change in HT (2019-2017)



Control Point SAS target well, by Sequence Number (see Table L-1)

Fig. L-2 Wetland MB 88 (Clay Gully Cypress) and SAS well MB537s scatterplot WY99-WY19





ATTACHMENT Q

Examining the Effectiveness of the Optimized Regional Operations Plan (OROP) in Minimizing Environmental Impacts Using WY 2010-2019 data

Background and Motivation

Short description of OROP

Tampa Bay Water rotates its diverse profile of supply sources, including surface water, groundwater, and desalinated seawater to provide quality water to meet regional demand. Recognizing the potential adverse impact of groundwater pumping on the environment, Tampa Bay Water has developed a decision-supporting tool, The Optimized Regional Operations Plan (OROP), for short-term (weekly to monthly) scheduling of groundwater pumping from the Consolidated Water Use Permit wellfields. The OROP incorporates an optimization model and utilizes output from various models, hydrologic and pumping data, and operational constraints to rotate production from different wellfields to meet demands in an environmentally sound manner. Appropriate changes are made to improve the tool based on re-evaluation of different components of the decision tool and any regulatory changes. Any recommended changes to OROP resulting from site-specific studies require approval of Tampa Bay Water's Board of Directors and the District. The original OROP report created in 1998 describes the details of the model and operations protocol and any changes to the original OROP are documented in OROP annual and biennial reports submitted to the District. Copies of these reports are available upon request to the Records Department of Tampa Bay Water.

OROP runs – weekly meeting and database of model output

The implementation procedure of OROP requires Tampa Bay Water staff to prepare input data, to conduct quality assurance and quality control of observed data, to determine the active status of production wells and to adjust model constraints to reflect any operational changes. Weekly internal meetings are held by Tampa Bay Water staff to ensure data completeness and accurate preparation for OROP model running. Once the model running is complete, the prepared model outputs, including OROP Detailed Report, OROP Operators Report and OROP Schematic of Weekly Flows, are emailed to a distribution list that consists of staff from Member Governments, Tampa Bay Water and the District. The OROP Operators Report is tailored for Tampa Bay Water

operators, which provides the preferential weight and pumping rate for individual production wells. Operators use this information as guidance for well pumping and make appropriate adjustments to consider real-time demand fluctuations and any operational constraints.

In addition to publishing model outputs through emails to the distribution list, Tampa Bay Water owns a database that maintains model inputs and outputs for each week since the inception of OROP. Besides the purpose of records maintaining, another major benefit of doing so is to facilitate any re-evaluation of the OROP model if warranted at a later time.

Motivation – Examine the effectiveness of OROP in avoiding adverse environmental impact

The OROP has been implemented by Tampa Bay Water since 1998 for groundwater production rotation to provide quality water to its member governments while maximizing groundwater levels at specific locations in the surficial aquifer system. The use and benefit of OROP, along with many other questions related to OROP modeling and its application, have been addressed in annual and biennial reports submitted to the District. The effectiveness of OROP in mitigating groundwater pumping effects on groundwater levels, however, has not been investigated using long-term historical data. One raised question is how different groundwater levels would be if no such operational decision-supporting tool were used. This study aims to address this specific question and it is part of the 2020 biennial report submitted to the District.

This document is arranged as follows. Following this section that provides some background of the OROP and motivation of this study, Section 2 describes the proposed methodology to address the effectiveness of the tool, as well as data used in the study. Section 3 provides a detailed analysis of the modeling results and relevant discussion. The effectiveness of OROP is analyzed at multiple temporal scales. Conclusion remarks are provided in Section 4.

Methodology and Data

The effectiveness of the OROP can be quantified as the difference in the resulting water levels at monitoring locations between the OROP-derived well pumpage and any non-OROP based well pumpage. A non-OROP based well pumpage can be determined without considering a production well's preferential weight. For instance, it could be derived by satisfying regional total demand and honoring other constrains, e.g., the production capacity at production wells and hydraulics of the transmission network. It could also be derived based on operators' experience or specific

operational rules. A non-OROP based well pumping scenario is ultimately used as an alternative to compare with the OROP-derived well pumpage in terms of resulting groundwater levels. This study proposes to first derive groundwater production at each wellfield and then disaggregate wellfield production to pumpage at distinct wells. While generating the alternative well pumpage is a critical step, there are several other steps in the proposed framework, as depicted in the flowchart (Figure 1). Details of the major components represented by the color boxes in Figure 1 are described below. Note the framework presented in Figure 1 is applied to each week for the past ten water years 2010 - 2019, e.g., from October 2010 to September 2019. There are in total 520 weeks and a time index, t ($t = 1, 2, \dots, 520$), is introduced below in describing the steps in the framework.

Retrieve OROP-derived water levels in historical weeks

Historical OROP runs are used to obtain reference water levels, $H_{t,j}^{OROP}$, at the j th monitoring location at week t ($t = 1, 2, \dots, 520$). OROP input data, including forecasted demand at points of connection, forecasted surface water availability at the Tampa Bypass Canal and Alafia River, observed hydrologic data including water levels and rainfall, and forecasted groundwater water levels, are used for conducting a retrospective analysis of the OROP run. Since Tampa Bay Water maintains a database that stores model outputs of historical OROP runs, all the steps shown in the green box in Figure 1 can be omitted. Instead, OROP pumpage-based groundwater levels at specific locations $H_{t,j}^{OROP}$ can be retrieved from the OROP output database.

Generate alternative pumpage scenario at wellfields

To ensure a fair comparison, a retrospective model run using the same model input data is therefore applied to generate an alternative pumpage scenario at the wellfield level. Generating a random pumpage scenario at wellfields that honors hydraulics of the transmission pipeline network and satisfies demands at different points of connections may require numerous iterations of trial and error. As an efficient approach to produce pumpage at the wellfield level, the objective function of OROP was modified while model input and the rest of the parts of the model were unchanged. OROP has an objective function of maximizing weighted water levels at monitoring surficial aquifer wells (control points). In the retrospective model run, the preferential weights are removed to obtain the modified objective function. The optimization model programmed using

AMPL (A Mathematical Programming Language) and input data, including operational constraints in historical weeks, were used to run the model with the modified objective function.

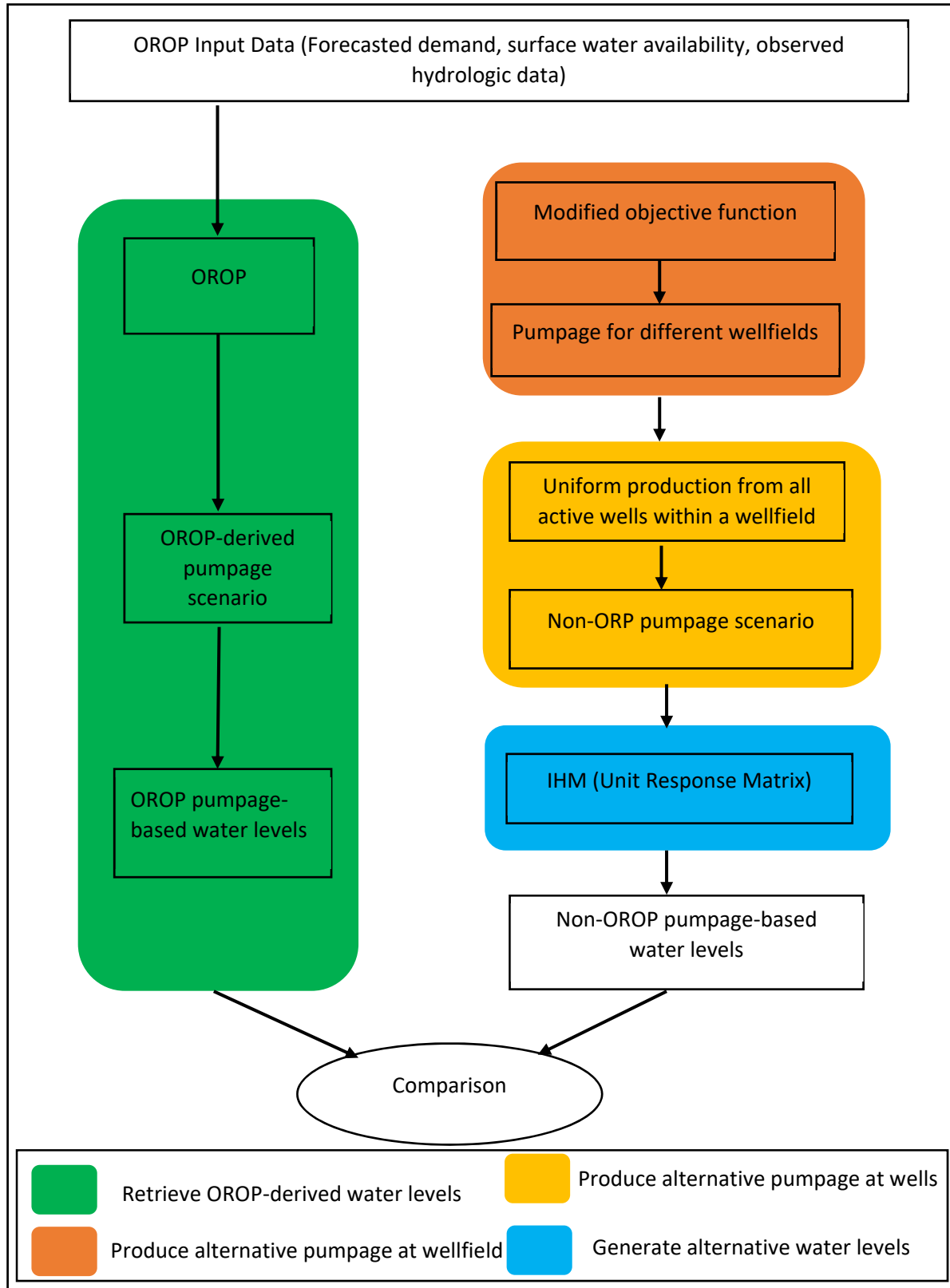


Figure 1: Flowchart of the steps to evaluate the effectiveness of the OROP model.

Generate non-OROP pumpage scenario at production wells

Once the alternative pumpage for different wellfields is generated, spatial disaggregation is applied to derive pumpage at individual wells within each wellfield. To ensure consistency with historical OROP runs, the status of production wells, e.g., active or inactive, is retrieved from the OROP output database and remains unchanged in the retrospective model run. Assuming no optimal source rotation within a wellfield, wellfield production is then uniformly disaggregated to active wells within the wellfield. Such groundwater production forms the non-OROP pumpage scenario at individual wells.

Generate non-OROP water levels at monitoring locations

Instead of embedding the Integrated Hydrologic Model as a constraint function in the optimization problem of OROP, the unit response matrix is used to determine the response of groundwater levels to groundwater pumpage. Similar to deriving OROP-pumpage based groundwater levels, the unit response method is applied to the non-OROP pumping scenario to obtain groundwater levels, $H_{t,j}^{non-OROP}$, at the j th monitoring location at week t ($t = 1, 2, \dots, 520$).

Comparison of OROP-based water levels and non-OROP based water levels

For each week in the past 10 water years, OROP-based groundwater levels $H_{t,j}^{OROP}$ are compared to the alternative pumpage-based groundwater levels $H_{t,j}^{non-OROP}$ at monitoring surficial wells and regulatory wells. The difference between water levels at a weekly time scale is defined in Eqn. (1).

$$\Delta h_{t,j} = H_{t,j}^{OROP} - H_{t,j}^{non-OROP} \quad \dots (1)$$

To be consistent with terminologies used in the OROP report, the concept of target offset is employed in this analysis. The magnitude of the target offset is used to represent water level deviation from target water level defined for each surficial aquifer monitoring wells, as shown in Eqns. (2) and (3).

$$h_{t,j}^{OROP} = H_{t,j}^{OROP} - H_j^{target} \quad \dots (2)$$

$$h_{t,j}^{non-OROP} = H_{t,j}^{non-OROP} - H_j^{target} \quad \dots (3)$$

Where H_j^{target} denotes target water level at the j th monitoring well; $h_{t,j}^{OROP}$ represents target offset derived from OROP pumpmage at the j th monitoring well at week t ($t = 1, 2, \dots, 520$); and $h_{t,j}^{non-OROP}$ represents target offset derived from non-OROP pumpmage at the j th monitoring well at week t ($t = 1, 2, \dots, 520$).

If the resulting water level is above the corresponding target level, its corresponding target offset is a positive value. Otherwise, it is a negative value. Comparison of target offset in the two scenarios ($h_{t,j}^{OROP} - h_{t,j}^{non-OROP}$), in essence, is the same as comparing water levels at monitoring wells.

Water level difference for each location is examined at multiple time scales, including weekly, annual and the 10-year evaluation period, to examine the effectiveness of OROP. The possible relationship between the preferential weight $w_{t,j}$ and $\Delta h_{t,j}$ is also investigated at distinct temporal scales.

The advantages of the proposed method of generating alternative pumping scenarios can be summarized as: (1) It utilizes the modeling constraints, e.g., pump capacity, pipeline hydraulic constraints and connectivity of the pipeline network, to generate wellfield pumpmage that meets demands at points of connection (POC) and regional total demand each week and aims to avoid trial and error generating random pumpmage scenarios; and (2) A uniform disaggregation assumes little/no knowledge of optimal scheduling based on existing OROP objectives.

Data

Model files and input data for historical model runs are archived on Tampa Bay Water's file server. Each historical run of the OROP model utilized the following files:

- model.amp
- data.amp
- run.amp

The file extension .amp denotes that the the model was originally written in AMPL, which is an algebraic modeling language to describe and solve complex problems. The file model.amp includes description of the optimization objectives and constraints, e.g., water delivery at points of connection to meet member governments' demand. The file data.amp retrieves relevant input

data, e.g., short-term forecasts of groundwater levels at monitoring sites and water demand at points of connection within Tampa Bay Water’s delivery system, from Tampa Bay Water’s databases. The file run.amp contains model running options, e.g. displaying certain intermediate variables during model running. Details of the model and run files are omitted and such are provided in the OROP Operations Plan Update (Tampa Bay Water, 2014) and Wanakule and Adams (2014). Since historical OROP runs were archived, water levels and the preferential weights used in the model at surficial aquifer monitoring wells can be retrieved directly from the database. For the non-OROP pumpage-based scenario, as suggested in Figure 1, the objective function declared in the model file model.amp is modified by removing the preferential weights. To be consistent with its corresponding original model run, no modifications are made to input data and model run specifications.

Computation

Repeating the steps described in Figure 1 for all the weekly OROP model runs for the past decade (Water Years 2010 – 2019) is non-trivial, although each OROP run is not computationally expensive. In total since there are 520 such model runs, the computation time increases dramatically. To reduce computation time and take advantage of the in-house computer cluster at Tampa Bay Water, distributed computing is employed to deploy computation to six servers. This significantly reduces computation time and provides more flexibility in terms of code debugging and results evaluation.

Results and Discussion

Target offset difference at weekly time scale

It is expected that at the weekly time scale, the difference of target offset between the two scenarios should be not significant. Figure 2 displays the scatterplot of target offset difference and preferential weight at the weekly time scale for all monitoring wells during the past 10 water years. The sign of delta target offset is positive when OROP-based pumpage scenario ends up with a higher water level. Most of the values are within the range of -0.5 and 0.5 ft.

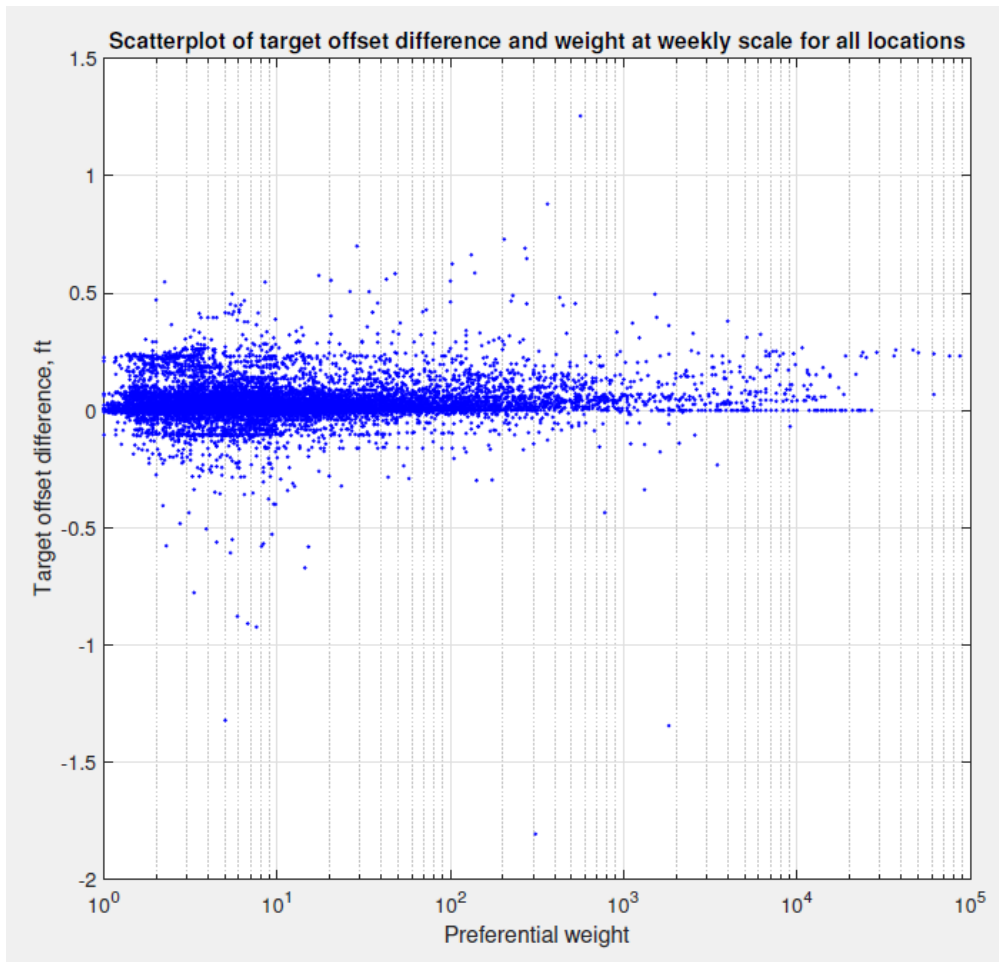


Figure 2. The scatterplot of target offset difference and preferential weight at weekly time scale for all monitoring wells during the past 10 water years.

The preferential weight is determined based on a piecewise linear weighting function on semi-logarithmic scale (Tampa Bay Water, 2014). Essentially, if the weight value for a monitoring well is less than or equal to 10, it denotes that the target elevation for the nearby wetland is satisfied at the time of running the model. When the weight value is greater than 10, it indicates that the target elevation is not met and OROP would recommend not pumping from nearby production wells. This allows the occurrence of sufficient recharge for the water level of the wetland to bounce back in a short time period. Table 1 summarizes the number of cases of falling into three intervals of the preferential weight. There is a decreasing number of cases with higher preferential weight. For instance, only 1.78% of the cases evaluated have a weight value of over 1,000. The median value of delta target offset, however, is the largest for this subgroup, which is 0.045 ft. It is also

interesting to observe that when the weight value is larger, the percentage of non-negative delta target offsets increase.

Table 1: Statistics of target offset difference between OROP and non-OROP for different intervals of weight values.

Penalty weight	% cases	Median (ft)	Min (ft)	Max (ft)	Pct% non-negative delta target offset
<= 10	59.78%	0.002	-1.321	0.548	70.49%
10 - 1000	38.44%	0.006	-1.805	1.255	77.99%
> 1000	1.78%	0.045	-1.343	0.495	94.71%

Accumulated difference of target offset at monthly time scale

To further investigate the effectiveness of OROP and evaluate if any significant difference exists among distinct months, the output is subgrouped by calendar month and spatial locations. For one particular monitoring well, averaged preferential weight and the accumulated water level differences are calculated for each month in the evaluation period. For instance, the OROP model was run weekly, hence four times, in January 2010. For each monitoring well, its corresponding preferential weight is averaged and water level difference is summed over the four weeks.

$$h_{k,j}^{acc} = \sum_t h_{t,j} \quad \forall t \in \text{month } k \quad \dots(4)$$

$$\bar{w}_{k,j} = \text{mean}(w_{t,j}) \quad \forall t \in \text{month } k \quad \dots (5)$$

Where k ($k = 1,2,\dots,120$) denotes the k th month in the simulation period, $\bar{h}_{k,j}$ represents accumulated target offset difference between OROP and non-OROP model runs at the j th monitoring site for the k th month. It is a summation for the weeks belonging to each month. The notation $\bar{w}_{k,j}$ denotes averaged preferential weight at the j th monitoring site for the k th month.

The averaged weight indicates wetland target elevation status and accumulated water level difference denotes accumulative effect of OROP over the time period of one month. Results from the same calendar month are then pulled together to examine the role of seasonality. Figure 3

shows the scatterplot between accumulated difference of target offset and monthly averaged preferential weights for each month.

There are two salient features evident by examining results presented in Figure 3. First, there are more dots with lower preferential weights in the wet season (July - October) than those in the dry season (December - June). Note that although the rainy season typically starts around early to middle June, it would take some time to recharge the groundwater system. Since the weight calculation in the OROP model mainly considers groundwater levels, it is therefore reasonable to expect more dots with higher preferential weights in the month of June. Similarly, higher rainfall in summer months, e.g., July and August, typically recharge groundwater. The effect of lower rainfall in the month of October may be not immediately captured in the preferential weights of the OROP model. This explains that a larger portion of data falling into the category of low preferential weights (≤ 10) for the month of October.

The second observation is that the maximum water level difference in the dry season is higher than in the wet season. For instance, the maximum of the water level difference for May is about 2 ft, while it is 1.1 ft for September. This denotes that the benefit of using OROP is even higher during the dry season when groundwater levels are more critical in maintaining wetland health.

Table 2 below provides the same statistics as presented in Table 1. It is organized by calendar month. Such statistics are derived from data presented in Figure 2.

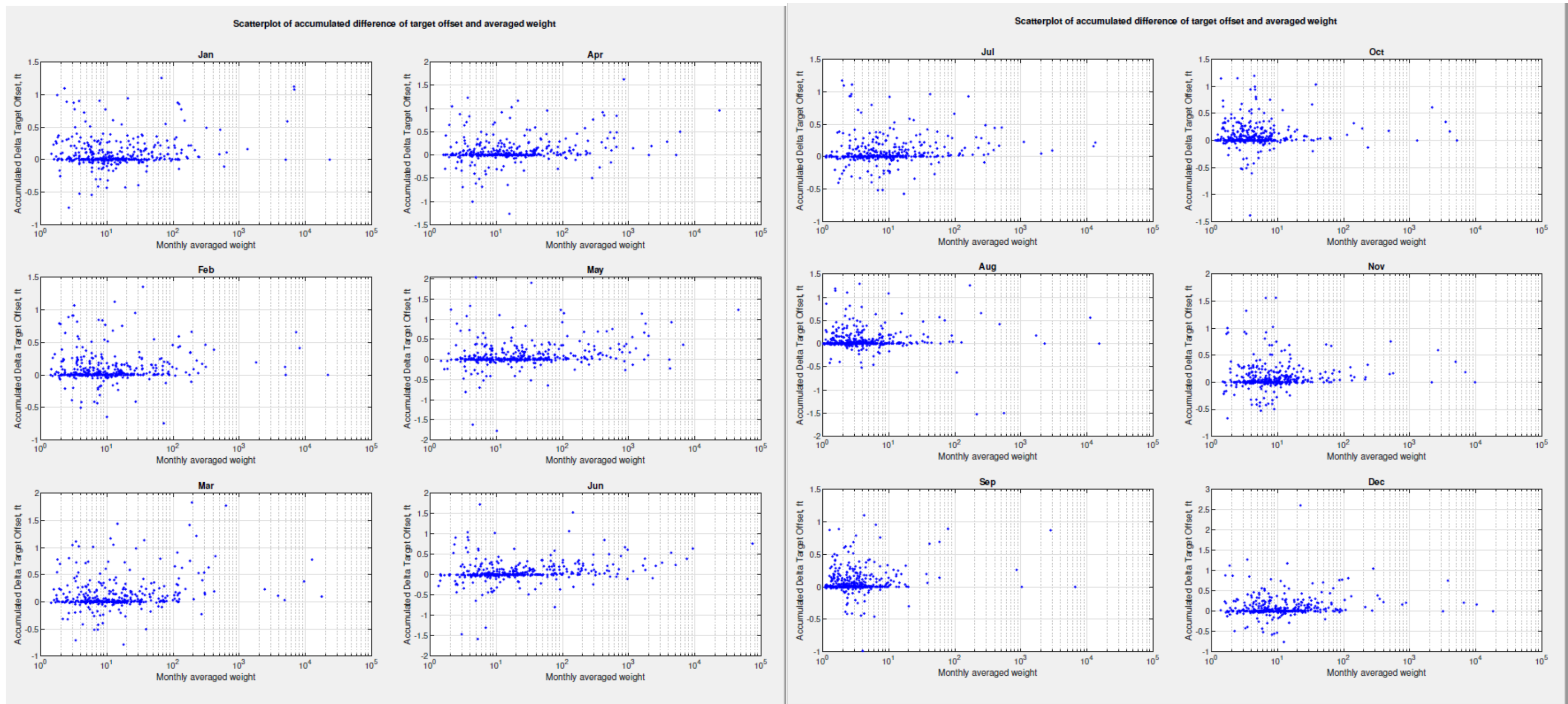


Figure 3. The scatterplot of target offset difference and preferential weight at monthly time scale for all monitoring wells during the past 10 water years.

Table 2: Statistics of delta target offset for different intervals of weight values for different calendar months in WY 2010-2019.

Month	Penaly weight	% cases	Median (ft)	Min (ft)	Max (ft)	Pct% target offset difference is non-negative	Month	Penaly weight	% cases	Median (ft)	Min (ft)	Max (ft)	Pct% target offset difference is non-negative
January	<= 10	48.32%	0.010	-0.737	1.096	70.59%	July	<= 10	58.40%	0.002	-0.516	1.173	65.04%
	10 - 100	50.13%	0.020	-0.426	1.255	74.23%		10 - 100	40.31%	0.024	-0.572	0.963	78.85%
	> 1000	1.55%	0.375	0.000	1.123	100.00%		> 1000	1.29%	0.160	0.048	0.228	100.00%
Feburary	<= 10	56.33%	0.011	-0.504	1.069	73.85%	August	<= 10	85.01%	0.005	-0.518	1.289	70.52%
	10 - 100	42.12%	0.025	-0.743	1.354	80.98%		10 - 100	13.95%	0.022	-1.523	1.255	85.19%
	> 1000	1.55%	0.158	0.000	0.656	100.00%		> 1000	1.03%	0.087	0.000	0.558	100.00%
March	<= 10	47.29%	0.007	-0.709	1.112	67.21%	September	<= 10	93.02%	0.010	-0.986	1.102	78.06%
	10 - 100	51.16%	0.031	-0.787	1.831	77.78%		10 - 100	6.20%	0.122	-0.299	0.894	95.83%
	> 1000	1.55%	0.173	0.033	0.779	100.00%		> 1000	0.78%	0.000	0.000	0.872	100.00%
April	<= 10	42.89%	0.004	-1.003	1.232	62.05%	October	<= 10	89.23%	0.008	-1.385	1.195	74.71%
	10 - 100	55.30%	0.020	-1.263	1.628	78.97%		10 - 100	9.49%	0.048	-0.198	1.034	89.19%
	> 1000	1.81%	0.192	0.000	0.959	100.00%		> 1000	1.28%	0.167	0.000	0.612	100.00%
May	<= 10	35.66%	0.002	-1.618	2.043	52.90%	November	<= 10	62.85%	0.011	-0.666	1.560	69.64%
	10 - 100	60.47%	0.025	-1.772	1.906	71.79%		10 - 100	35.88%	0.045	-0.244	0.754	83.69%
	> 1000	3.88%	0.368	-0.220	1.235	86.67%		> 1000	1.27%	0.185	0.000	0.592	100.00%
June	<= 10	37.73%	0.000	-1.580	1.727	49.32%	December	<= 10	51.41%	0.008	-0.576	1.273	69.15%
	10 - 100	59.17%	0.018	-0.796	1.530	72.49%		10 - 100	47.31%	0.024	-0.757	2.608	80.00%
	> 1000	3.10%	0.267	-0.086	0.764	91.67%		> 1000	1.28%	0.165	0.000	0.754	100.00%

The last column in Table 2 summarizes the percentage of non-negative target offset difference for different weight intervals across all the months. The same information is presented in Figure 4. It is the highest when weights are over 1,000 and it is the lowest when the weights are less than 10. This indicates that OROP provides the greatest benefit in terms of increasing groundwater levels when nearby wetland water levels are far below their target levels.

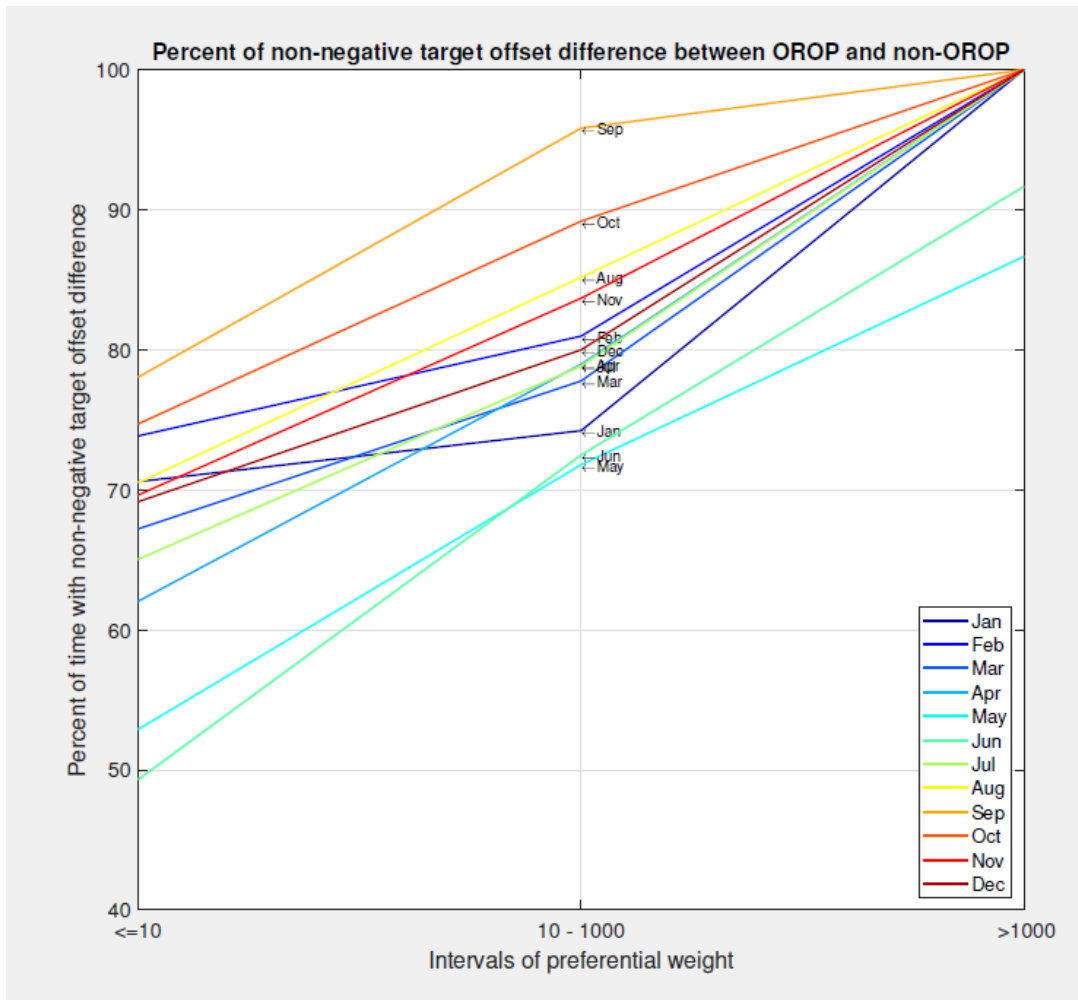


Figure 4. Percent of non-negative delta target offset for the three intervals of preferential weights for different calendar months.

Accumulated water level difference at annual time scale

Annual accumulative difference of target offset at all monitoring wells between the two scenarios are also examined. It worth mentioning that the accumulated difference at the annual time scale is significantly larger, compared to weekly and monthly time scales. This clearly demonstrates the accumulative benefits of using the OROP. The magnitude varies among different monitoring wells and it also fluctuates across the years. Figures 5-14 shows results for water years 2010 – 2019.

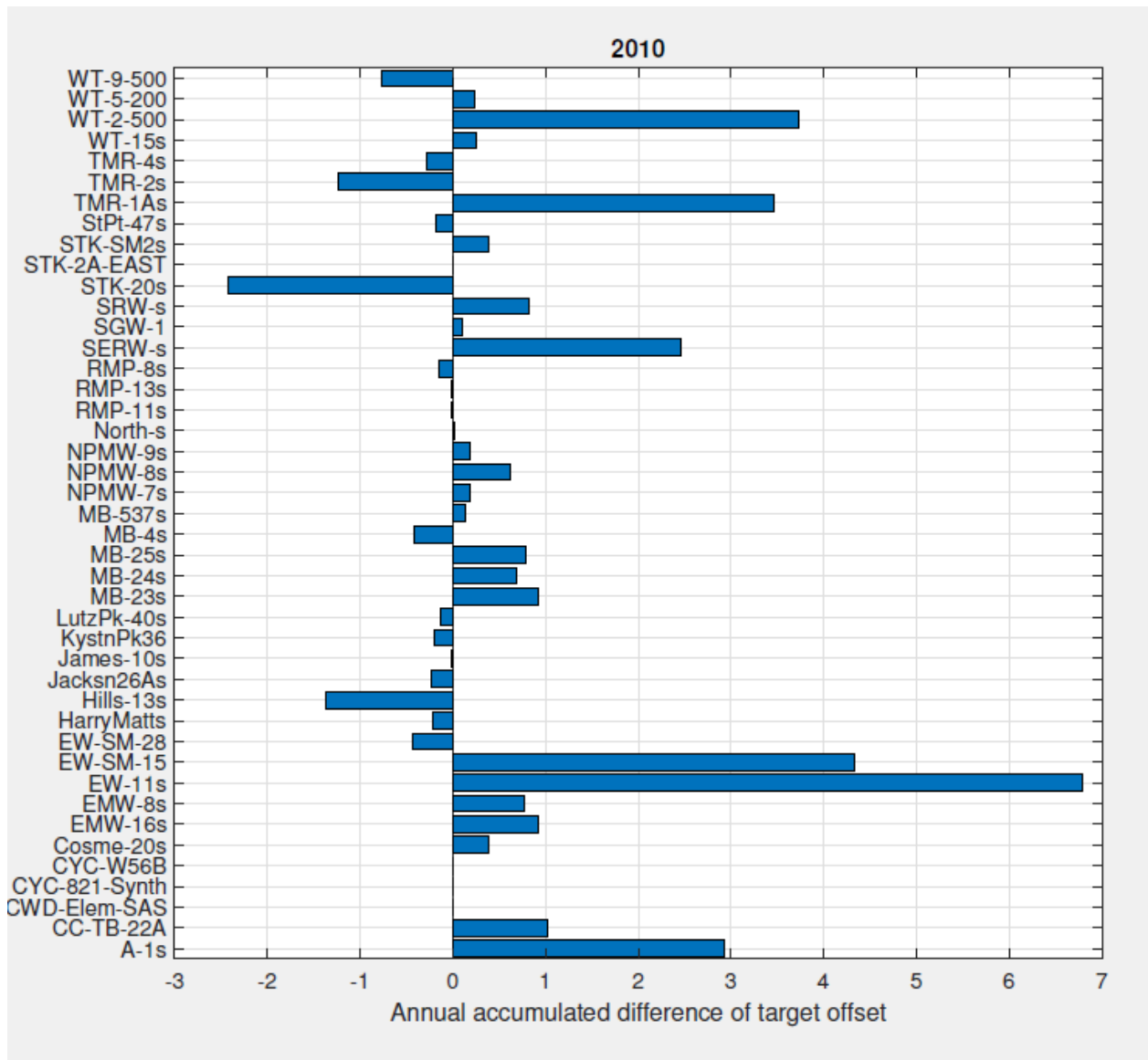


Figure 5. Accumulated annual difference of target offset between the OROP and non-OROP for water year 2010.

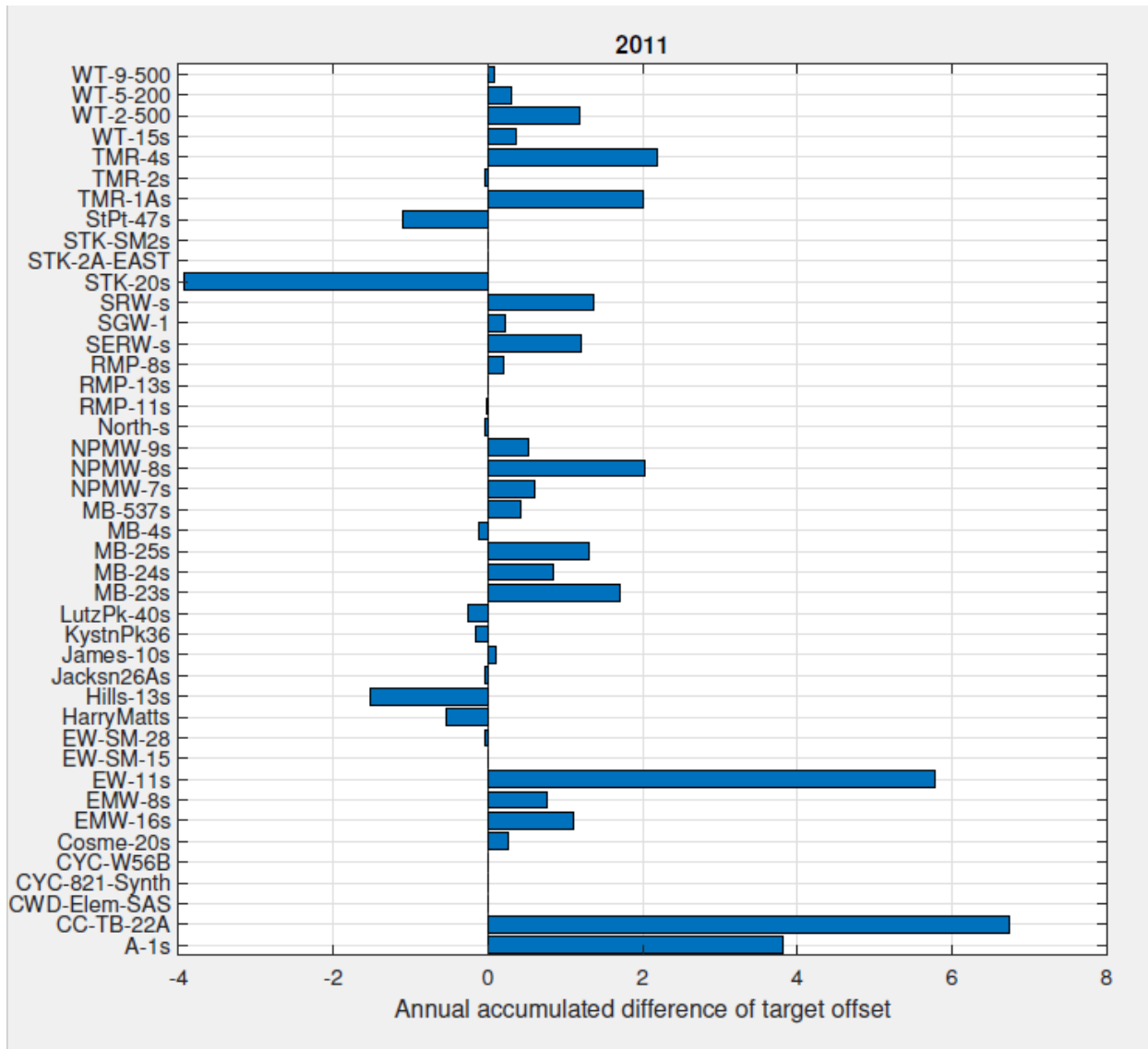


Figure 6. Accumulated annual difference of target offset between the OROP and non-OROP for water year 2011.

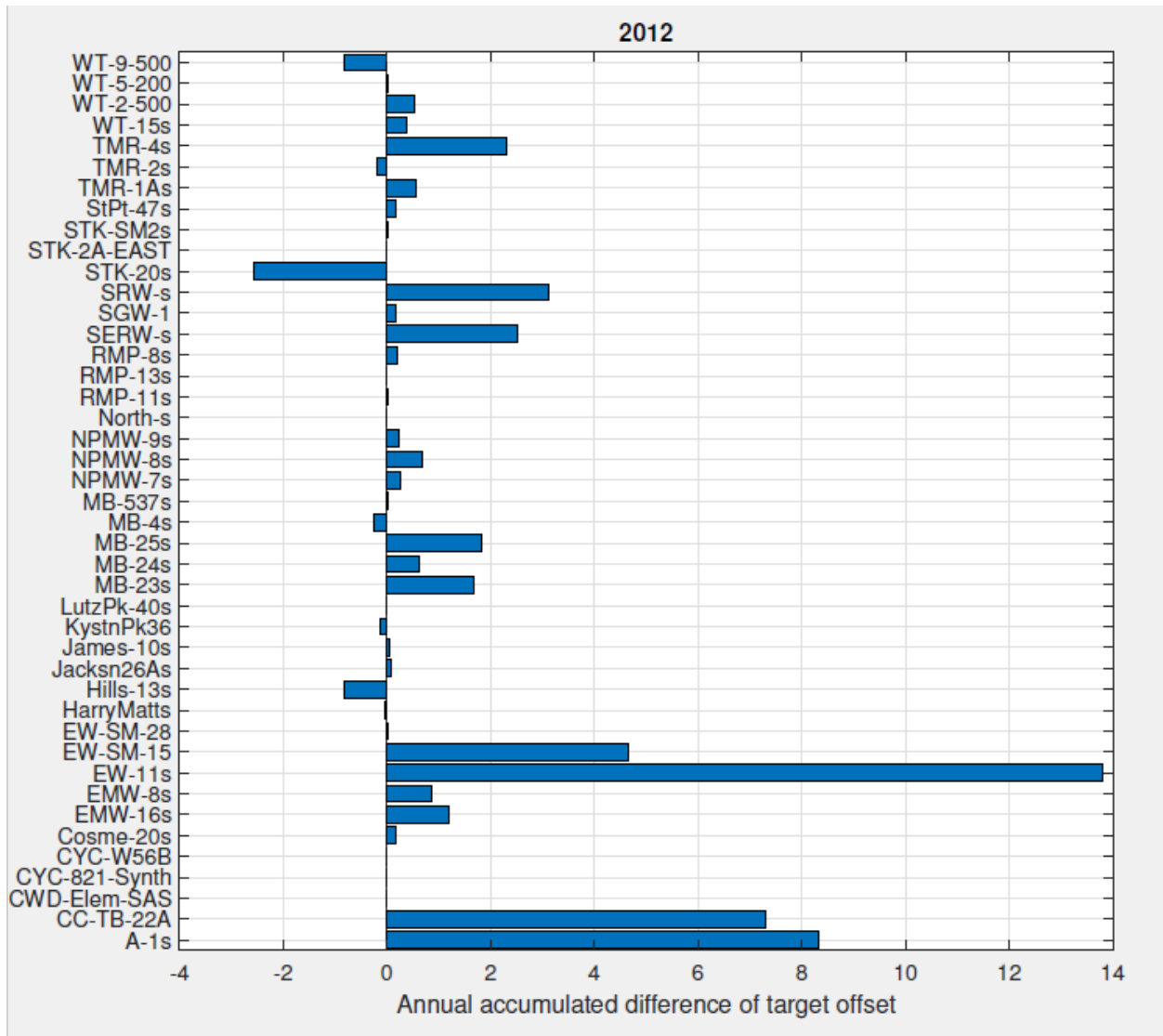


Figure 7. Accumulated annual difference of target offset between the OROP and non-OROP for water year 2012.

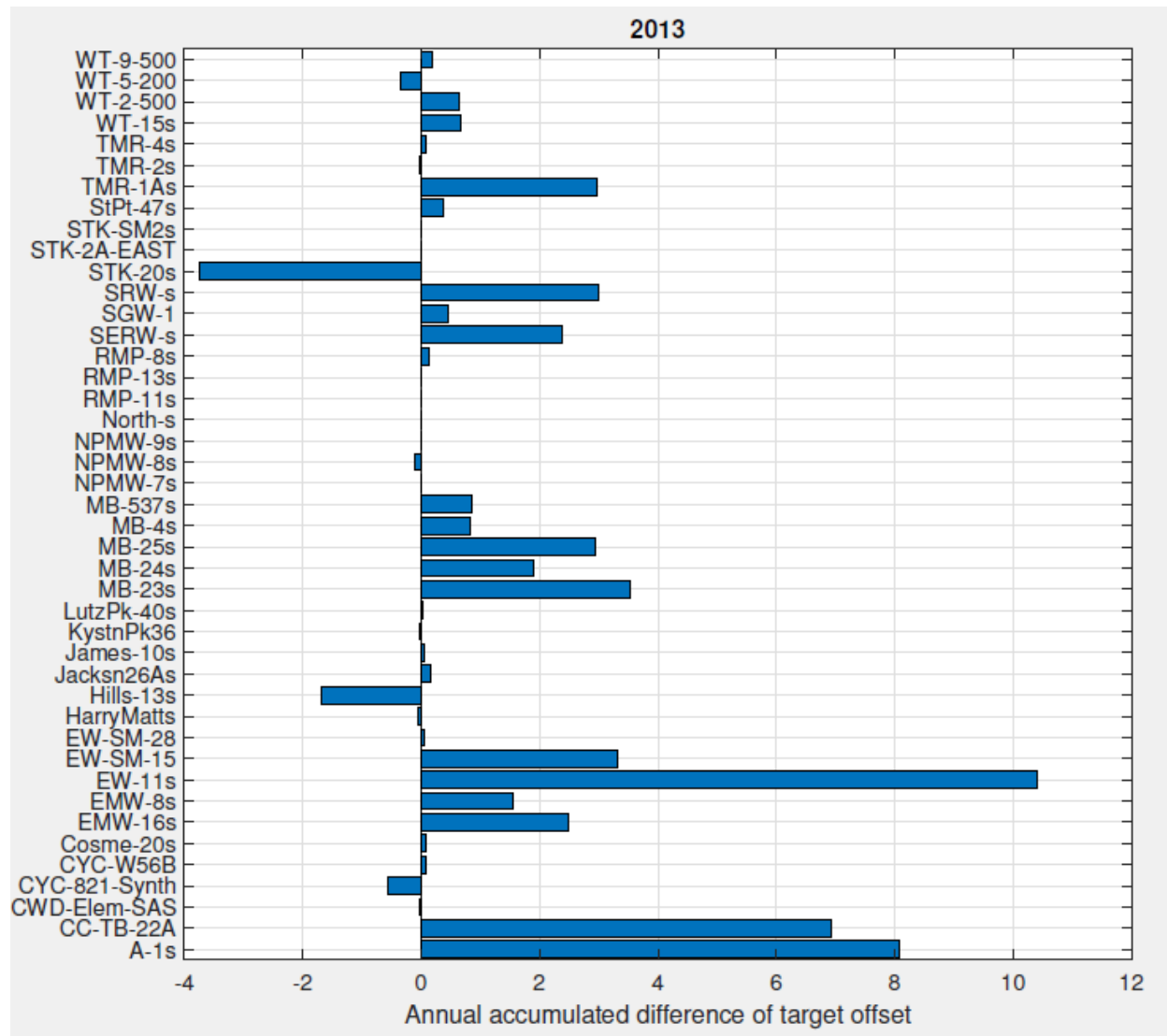


Figure 8. Accumulated annual difference of target offset between the OROP and non-OROP for water year 2013.

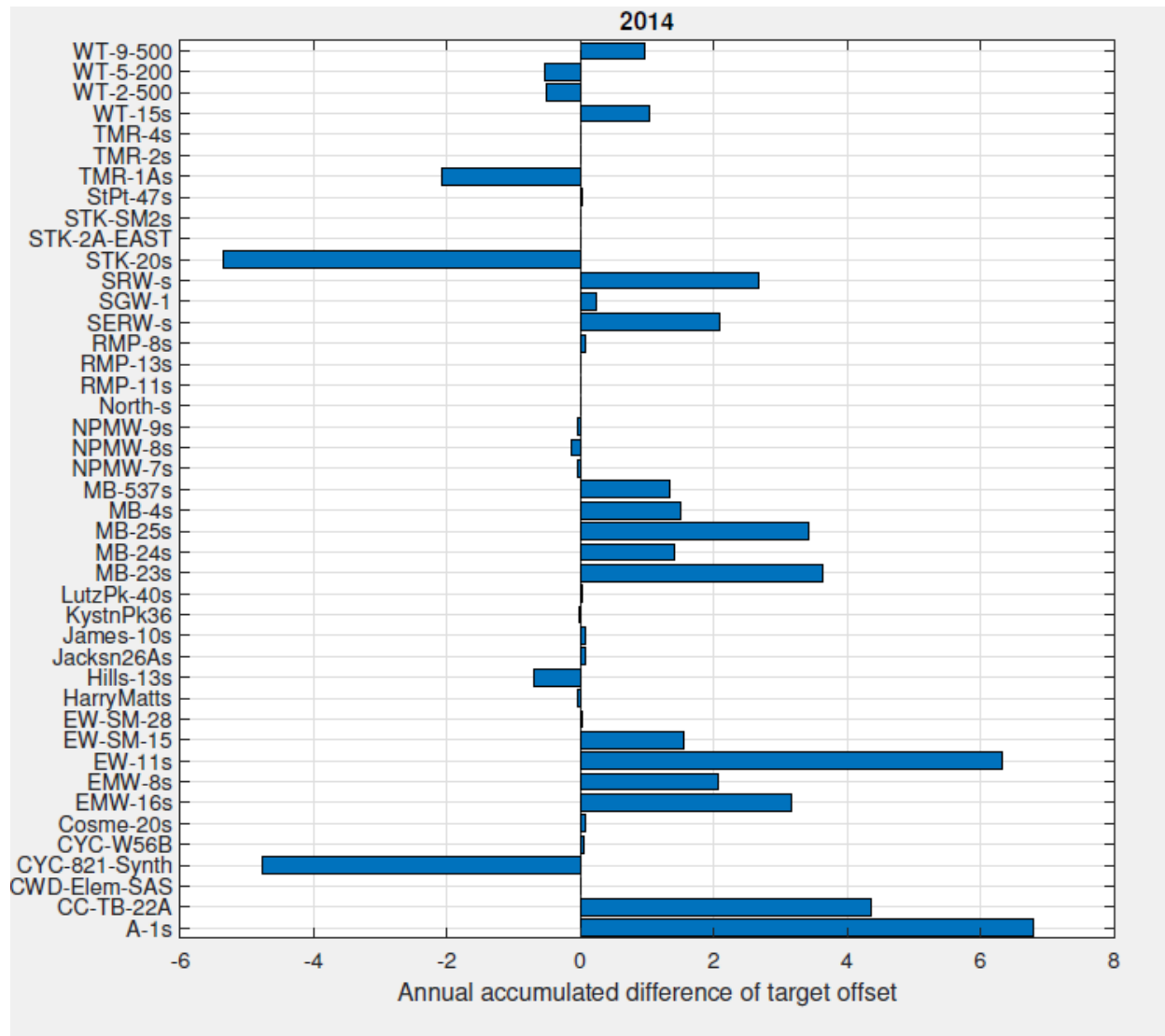


Figure 9. Accumulated annual difference of target offset between the OROP and non-OROP for water year 2014.

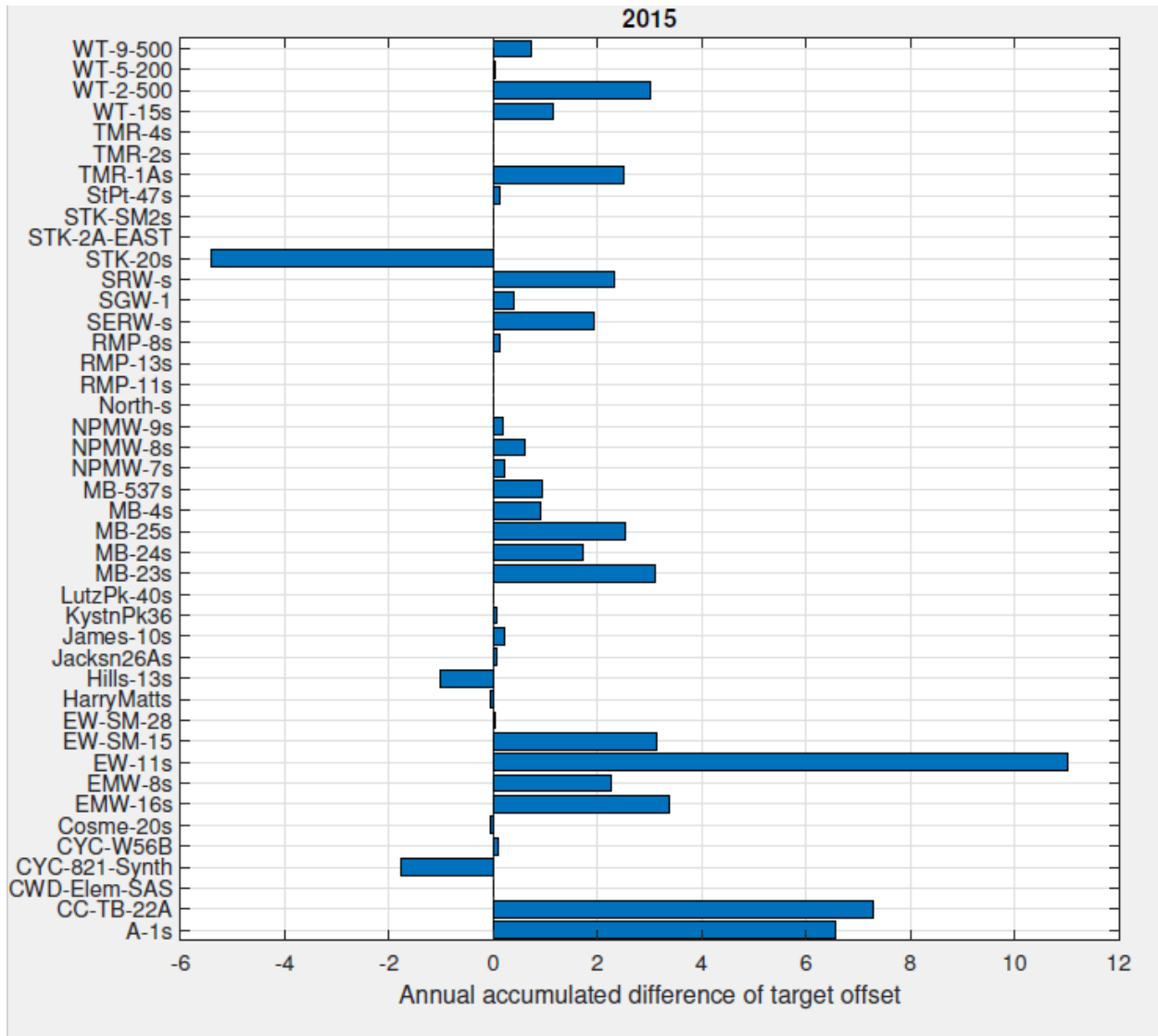


Figure 10. Accumulated annual difference of target offset between the OROP and non-OROP for water year 2015.

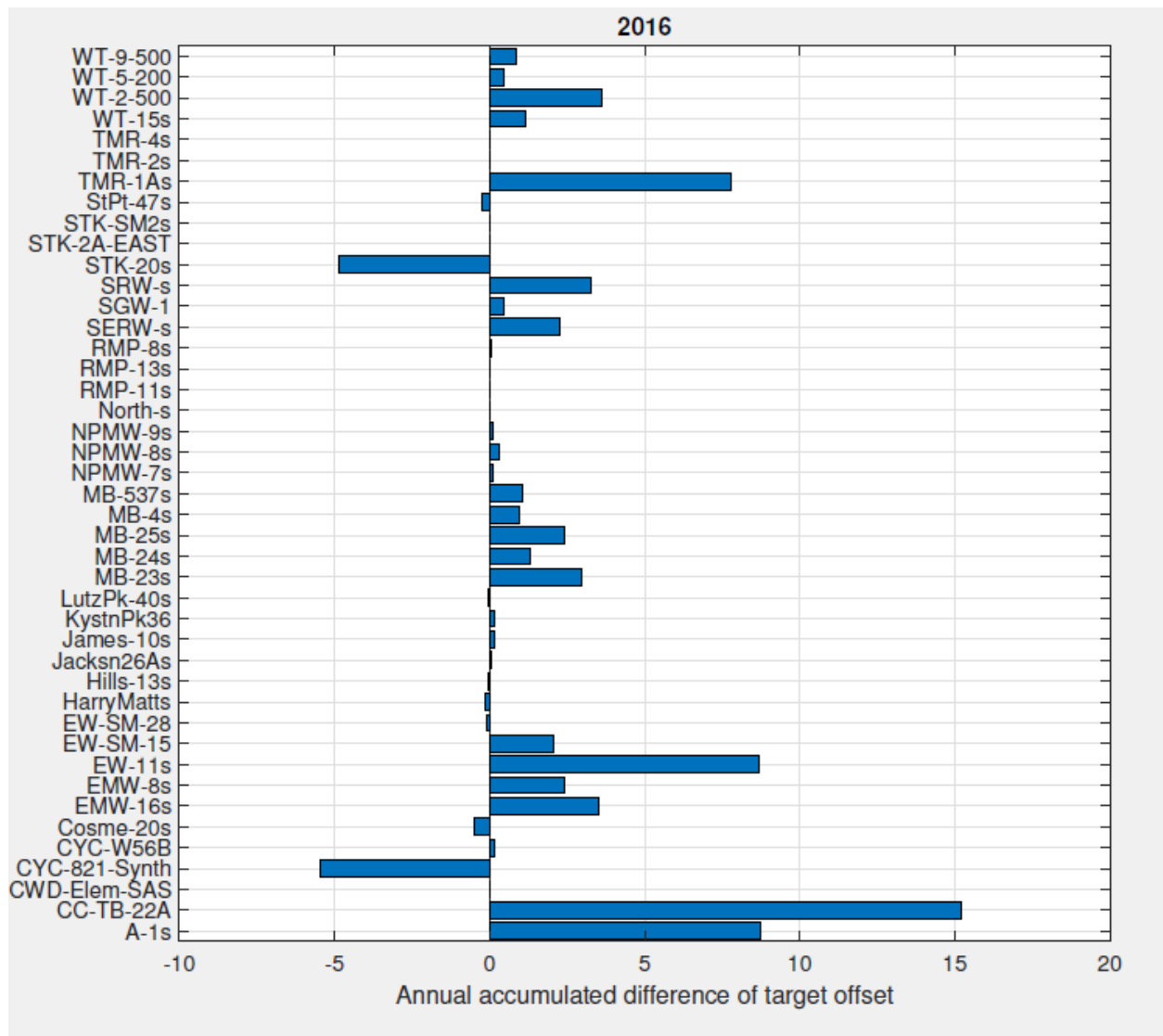


Figure 11. Accumulated annual difference of target offset between the OROP and non-OROP for water year 2016.

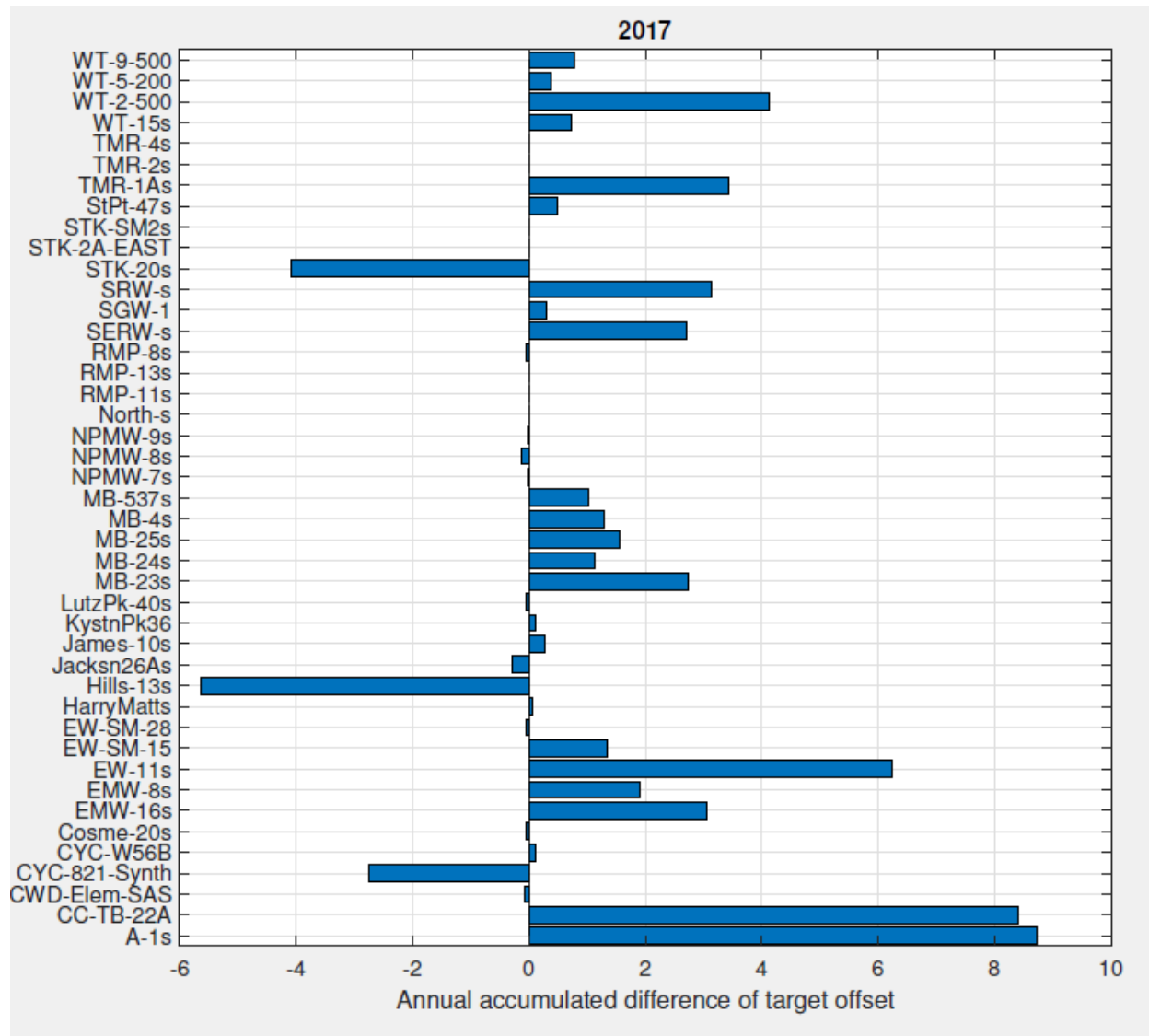


Figure 12. Accumulated annual difference of target offset between the OROP and non-OROP for water year 2017.

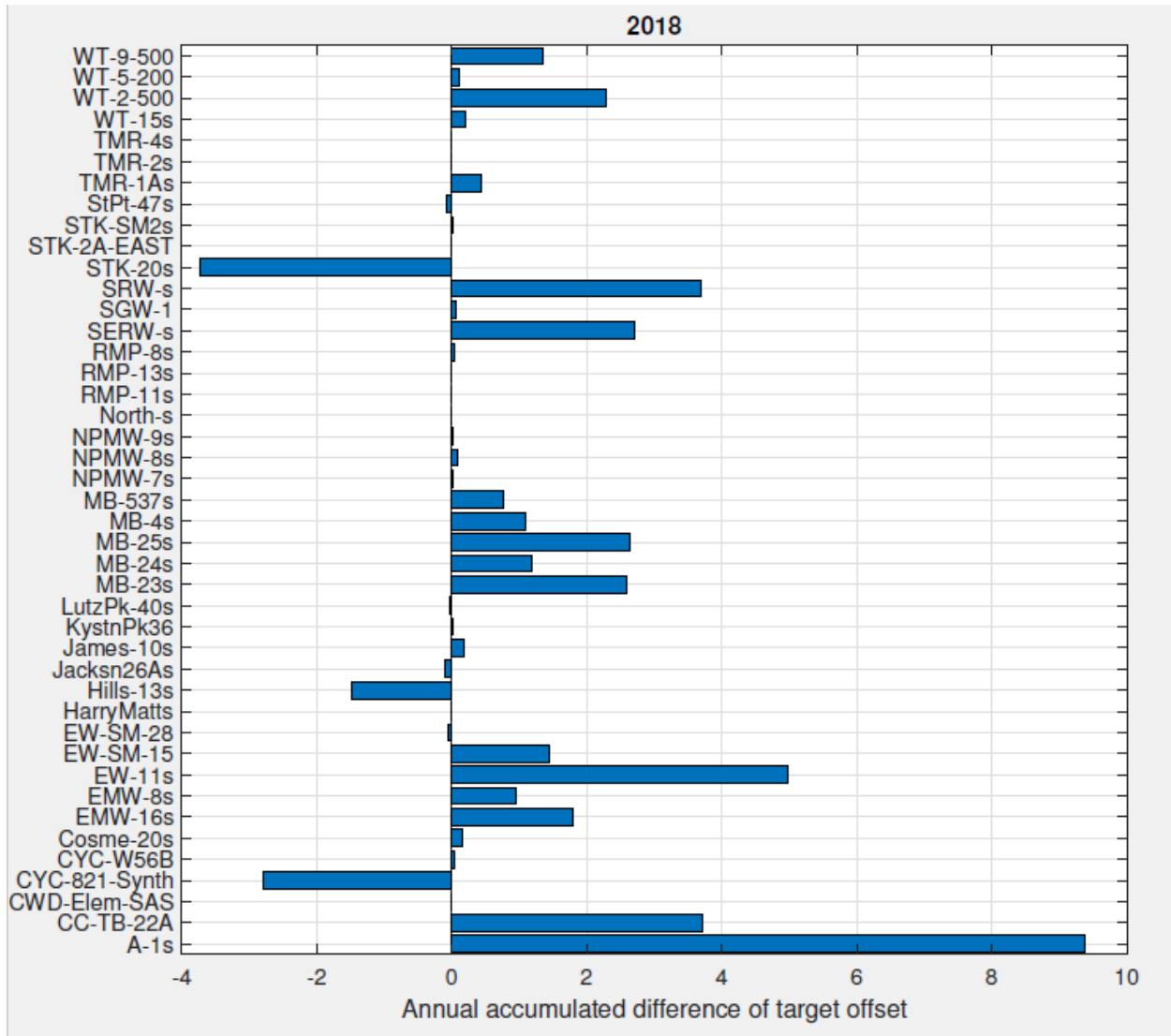


Figure 13. Accumulated annual difference of target offset between the OROP and non-OROP for water year 2018.

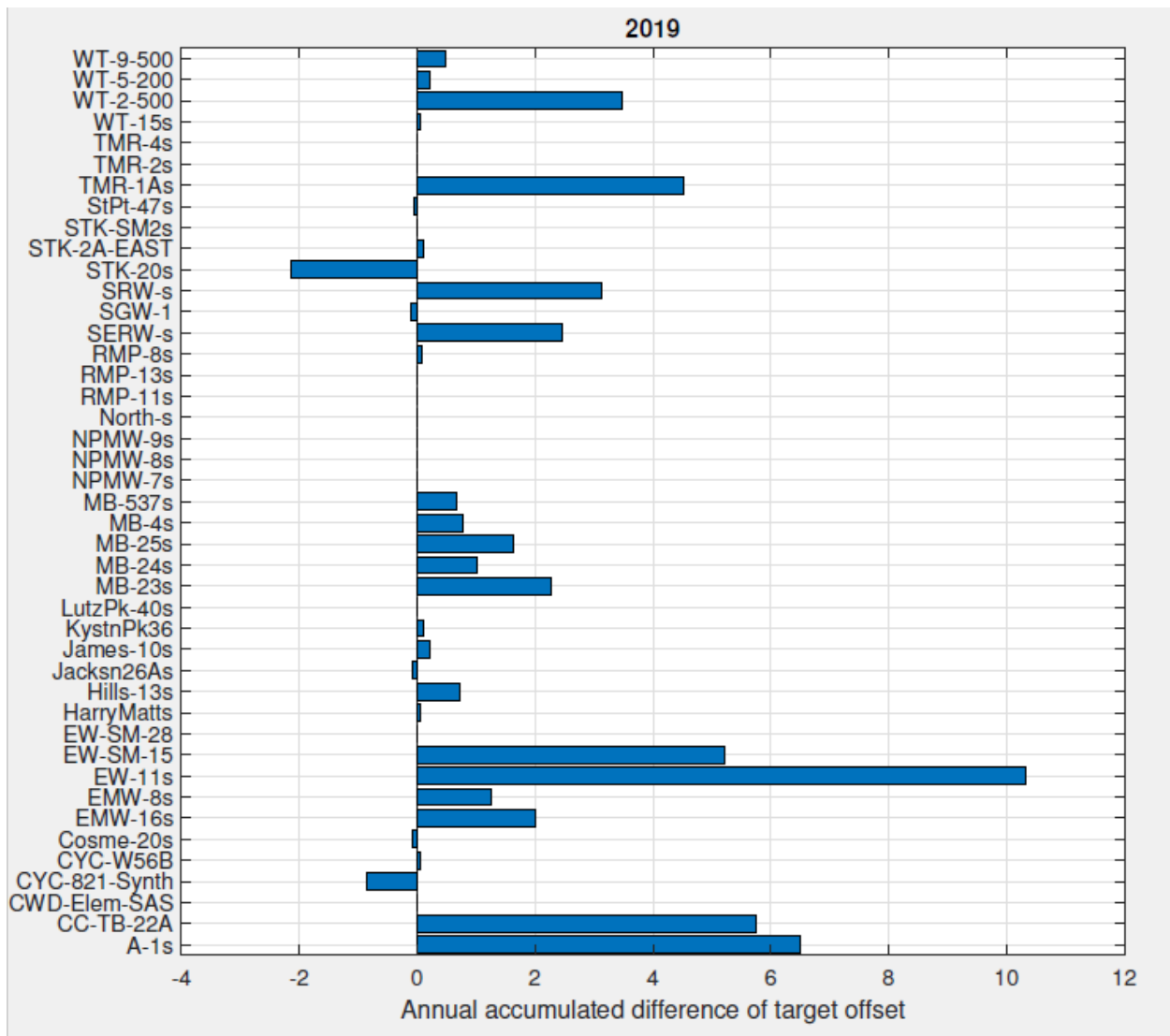


Figure 14. Accumulated annual difference of target offset between the OROP and non-OROP for water year 2019.

Table 3 summarizes statistics of annual accumulative water level difference at all monitoring wells for different water years during the time period of 2010-2019. With increasing averaged weight

values, the percentage of non-negative water level differences also increase. This denotes that OROP provides enhanced benefits especially when preferential weight is higher, which often corresponds to lower groundwater levels at monitoring wells. This is expected since OROP rotates well pumping in an optimal fashion using groundwater levels at control point monitoring wells. The non-OROP well pumpage, however, does not utilize such information. Similarly, the magnitude of accumulated water level difference is higher when preferential weights are higher. When annual averaged weight is less than 10, the median of annual accumulative target offset difference varies between -0.02 to 0.21 ft. When annual averaged weight is over 1000, the median value is greater than 2.5 ft. This also supports the argument that the OROP model provides a larger benefit especially when groundwater levels are lower.

It is also observed that for WY 2017, the lowest percentage (28.21%) of annual averaged weight values falls into the interval of less than 10. This is much explained by the fact that rainfall in winter 2016 and spring 2017 was well below normal although annual average rainfall and surface water flow were normal.

Table 3: Statistics of annual accumulative delta target offset for different intervals of averaged weight values for each water year in the evaluation period WY 2010 - 2019.

Water Year	Penaly weight	% cases	Median (ft)	Min (ft)	Max (ft)	Pct% delta target offset is non-negative	Water Year	Penaly weight	% cases	Median (ft)	Min (ft)	Max (ft)	Pct% delta target offset is non-negative
2010	<= 10	61.54%	-0.018	-2.429	6.797	41.67%	2015	<= 10	92.31%	0.190	-5.420	11.030	80.56%
	10 - 1000	33.33%	0.689	-0.286	4.325	84.62%		10 - 1000	7.69%	2.539	1.709	6.566	100.00%
	> 1000	5.13%	2.695	2.455	2.935	100.00%		> 1000	NaN	NaN	NaN	NaN	NaN
2011	<= 10	46.15%	-0.036	-3.930	5.780	38.89%	2016	<= 10	53.85%	0.100	-4.843	8.689	66.67%
	10 - 1000	48.72%	0.431	-0.111	6.736	84.21%		10 - 1000	46.15%	1.021	-5.485	15.227	83.33%
	> 1000	5.13%	2.511	1.205	3.818	100.00%		> 1000	NaN	NaN	NaN	NaN	NaN
2012	<= 10	51.28%	0.130	-2.566	13.791	75.00%	2017	<= 10	28.21%	-0.026	-5.628	6.240	45.45%
	10 - 1000	46.15%	0.374	-0.821	7.298	83.33%		10 - 1000	71.79%	0.426	-4.077	8.714	75.00%
	> 1000	2.56%	8.331	8.331	8.331	100.00%		> 1000	NaN	NaN	NaN	NaN	NaN
2013	<= 10	47.62%	-0.002	-3.741	10.395	45.00%	2018	<= 10	58.97%	0.089	-3.729	9.382	65.22%
	10 - 1000	52.38%	0.832	-0.572	8.078	86.36%		10 - 1000	41.03%	0.125	-2.784	2.625	81.25%
	> 1000	NaN	NaN	NaN	NaN	NaN		> 1000	NaN	NaN	NaN	NaN	NaN
2014	<= 10	56.41%	-0.004	-5.345	6.334	45.45%	2019	<= 10	82.50%	0.089	-2.131	10.324	78.79%
	10 - 1000	43.59%	1.348	-0.023	6.799	94.12%		10 - 1000	17.50%	0.209	-0.848	4.517	85.71%
	> 1000	NaN	NaN	NaN	NaN	NaN		> 1000	NaN	NaN	NaN	NaN	NaN

Annual difference is further aggregated for all the examination years to evaluate spatial difference, as shown in Figure 15. Only for a handful monitoring sites, the accumulative difference is negative while it is positive for the rest. Among all the monitoring locations, EW-11s and A-1s have the first and second largest accumulative differences (Figure 15).

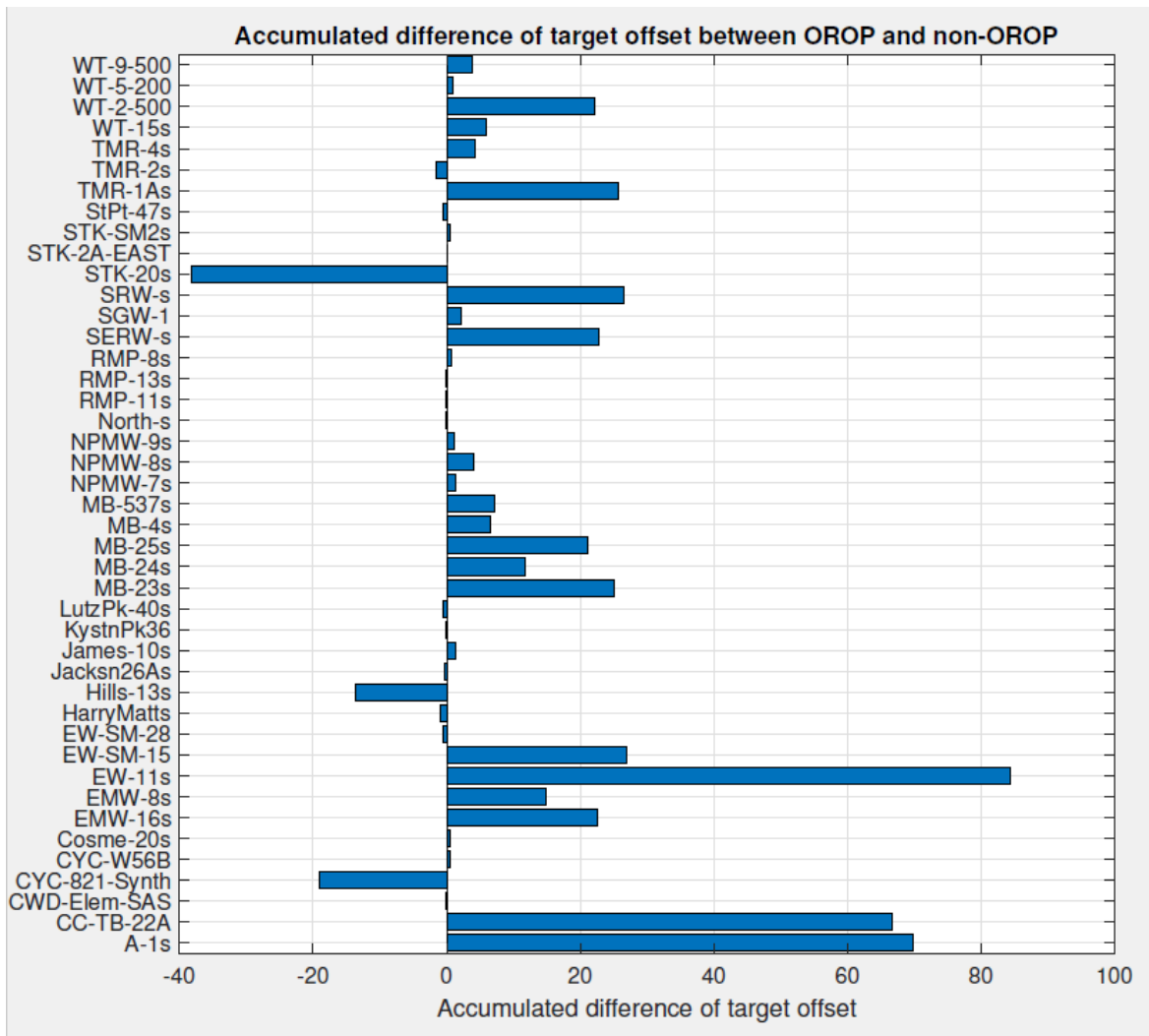


Figure 15. Accumulated difference of target offset between the OROP and non-OROP scenarios over the past decade WY 2010-2019 for all monitoring wells.

The accumulated difference of target offset is positive for most of the monitoring wells, except STK-20s, Hills-13s and CYC-821-Synth. There are water quality constraints in the Starkey

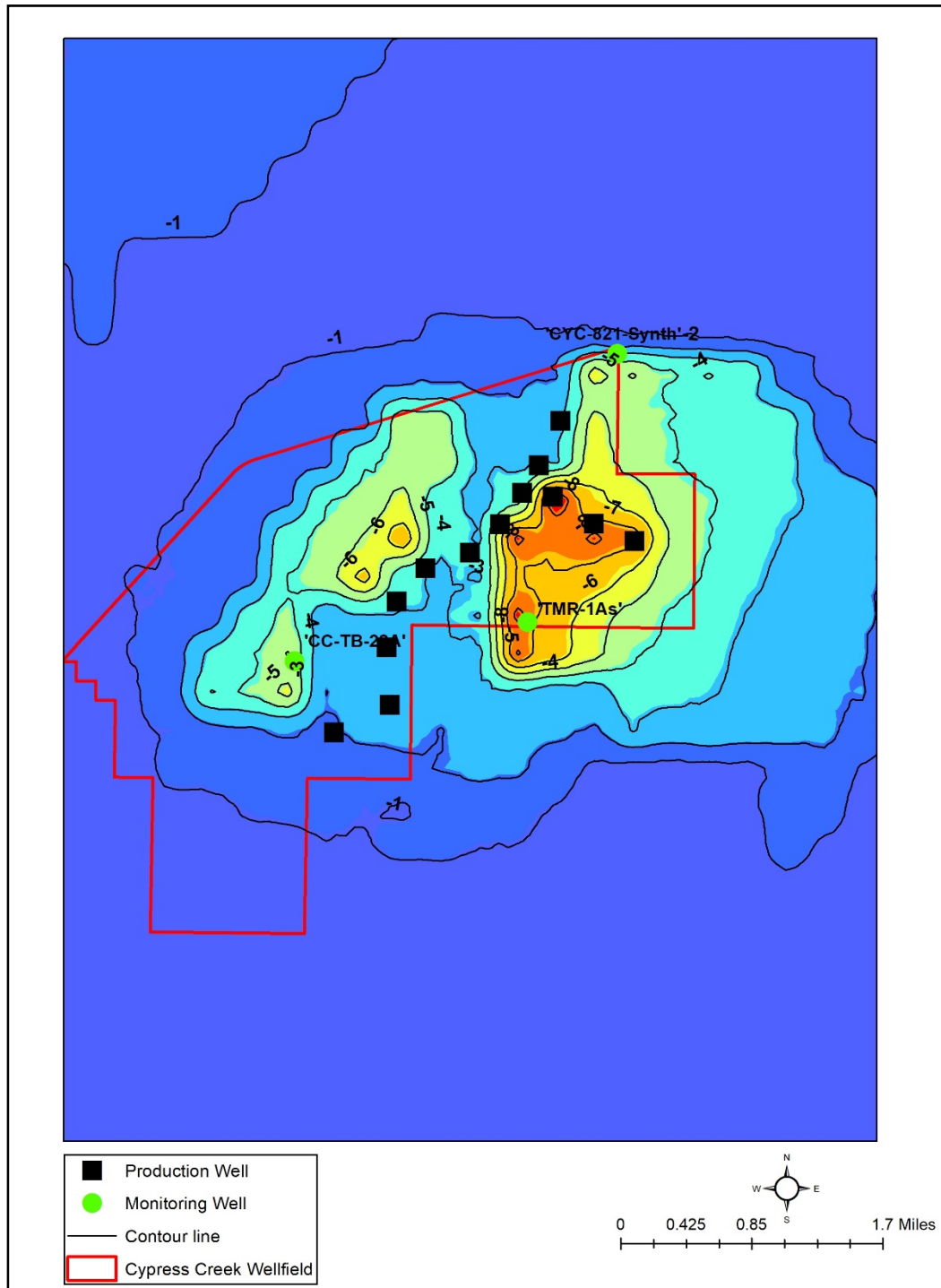


Figure 16. Contour map of surficial aquifer drawdown at monitoring wells in the Cypress Creek Wellfield due to unit pumpage (1 mgd) at production wells in the wellfield.

Wellfield that were incorporated in OROP but not the non-OROP model run. In OROP, production wells with such water quality constraints are ruled out in pumpage rotation. Hence, pumpage rates are higher for those wells without water quality constraints in the Starkey Wellfield, compared to the non-OROP run. For the monitoring well Hills-13s in the Section 21 Wellfield, it is found that OROP utilizes preferential weights to produce more from the pumping wells (2.76 mgd), compared to the non-OROP run (2.02 mgd). Preferential weights reflective of water levels in nearby wetlands are not used in non-OROP runs. This explains why water levels for the monitoring well Hills-13s are lower in OROP runs.

To examine why the monitoring well CYC-821-Synth in the Cypress Creek Wellfield has a negative accumulated difference in the target level offset, surficial aquifer drawdown at monitoring wells in the Cypress Creek Wellfield due to unit pumpage (1 mgd) at production wells were calculated, shown as contour lines in Figure 16. Wells located in the eastern side of the wellfield have much higher unit response drawdown and the OROP model assigns higher weights to possibly avoid pumpage at those wells. Production wells located at the western and northwestern sides of the wellfield, therefore, have higher pumpage in the OROP run. Compared to the non-OROP run, production wells in the northeastern production wells close to CYC-821-Synth have a higher production rate. This is why surficial water levels are lower for this site in the OROP run.

Conclusion

This study aims to evaluate the effectiveness of OROP in mitigating groundwater pumping effects on groundwater levels, using historical data in the past decade (2010 – 2019). The effectiveness is evaluated in terms of groundwater level difference between the OROP model run and a retrospective non-OROP model run. A framework (Figure 1) is proposed to accomplish this. A critical step in the proposed framework is to generate non-OROP pumpage at production wells. The proposed method of generating non-OROP pumping scenarios has two benefits: (1) It utilizes the modeling constraints, e.g., pump capacity, pipeline hydraulic constraints and connectivity of the pipeline network, to generate wellfield pumpage that meets demands at points of connection (POC) and regional total demand and aims to avoid trial and error generation of random pumpage scenarios; and (2) It applies uniform disaggregation of pumping which assumes little/no knowledge of optimal scheduling based on existing OROP objectives.

Effectiveness of the OROP is evaluated at multiple time scales. Although at a weekly time scale, the effectiveness of OROP seems minimal over the region (Table 1), the accumulative effectiveness at the monthly and annual time scales (Tables 2 and 3) is remarkable. Spatially, overall benefits of the OROP to the Consolidated Permit wellfields are significant, although its benefits are not observed in all production wells at three of the wellfields wellfields, namely the Starkey Wellfield, Cypress Creek Wellfield and Morris Bridge Wellfield. This is because: (1) for the Starkey and Morris Bridge wellfields, water quality constraints are included in the OROP, resulting in higher pumpage in a subset of production wells within both wellfields; and (2) for the Cypress Creek Wellfield, preferential weights are used in OROP to derive pumpage from those wells located in area with lower unit response drawdown, resulting in higher pumpage in a subset of production wells.

Key findings from this study are listed below:

- At the weekly time scale, the median value of target offset difference is the largest when preferential weights are over 1,000;
- At the monthly time scale, the median value of target offset difference is larger for the dry season (December - June), compared to the wet season (July - October);
- At the annual time scale, the acculated difference of target offset is significant at monitoring wells, indicating the accumulative benefits of OROP; and
- At all time scales, the percentage of non-negative target offset differences increase when the preferential weights increase.

Reference

Tampa Bay Water (2014), Operations Plan Update, Submitted to the Southwest Florida Water Management District

Wanakule N., Adams A. (2014) Using Optimization in Wellfield Operations: An Implementation Case Study at Tampa Bay Water. In: Introduction to Optimization Analysis in Hydrosystem Engineering. Topics in Safety, Risk, Reliability and Quality, vol 25. Springer, Cham, doi: https://doi.org/10.1007/978-3-319-04400-2_8

DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Kenneth R. Herd, Chief Science and Technical Officer
SUBJECT: Long-Term Master Water Plan Feasibility Studies - *Status Report*

SUMMARY

In December 2018, the Tampa Bay Water Board approved the 2018 Long-term Master Water Plan Update which included several recommendations. One of the recommendations was approval of further feasibility studies of the top-three ranked projects. This agenda item provides an update on those feasibility studies.

SUGGESTED ACTION

Status Report

COST/FUNDING SOURCE

N/A

DISCUSSION

The 2018 Long-term Master Water Plan (Plan) was approved in December 2018. The Plan included several recommendations including further study of three top-ranked water supply projects to meet the region's future water supply needs. Below is a summary of each project, work completed to date and future activities.

Surface Water Treatment Plant Expansion: Feasibility Study (Project 09014)

The Surface Water Treatment Plant Expansion Feasibility Study purpose is to further assess the feasibility of expanding the existing Regional Surface Water Treatment Plant and increasing the use of associated surface water supplies to maximize the available yield of surface water supplies. The project will also evaluate an alternative location for a new surface water treatment plant near the C.W. Bill Young Regional Reservoir, including the inventorying of anticipated risks and benefits associated with that location. The overall objective of the project is to evaluate the feasibility of increasing Tampa Bay Water's annual average yield of surface water supplies by 10 to 12.5 million gallons per day (mgd).

Work Completed to Date:

- Created summary of finished water quality targets for the Regional Surface Water Treatment Plant, spanning State and Federal requirements, as well as contractual requirements.
- Reviewed historical operational and water quality data to assess treatment process performance at the Regional Surface Water Treatment.
- Identified source water quality characteristics that directly or indirectly challenge finished water compliance at the Regional Surface Water Treatment.
- Reviewed historical source water quality data to determine how limiting source water quality characteristics could be incorporated into the system-wide reliability.
- Completed site visit, inspections, and interviews related to condition assessment and operations audit.
- Evaluated available historical data to determine if a relationship could be determined between source water alkalinity / fluoride and other parameters that are projected in the system-wide reliability evaluation model (e.g., flow, season, etc.). Determined that insufficient data are available for projection of source water quality, thus necessitating recommendations for improved source water quality monitoring.
- Completed the probabilistic water demand forecast of all member governments for use with system-wide reliability modeling work.

Upcoming Work:

- Yield and reliability assessment of different scenarios using updated probabilities demand forecast.
- Develop bench- and pilot-testing concepts based on insights gained from site visits, inspections, and hydraulic analysis of the existing plant.
- Define the base case scenario, including the capital and operational costs/activities required to maintain the existing facility at its current firm treatment capacity over the 25-year planning horizon.
- Develop recommendations for source water quality monitoring to enable incorporation of water quality-based limits into the system-wide reliability evaluation model to continually evaluate the long-term acceptability of source waters with existing treatment barriers and/or the need for treatment modifications.
- Recommend specific optimization improvements for the existing Regional Surface Water

Treatment Plant based on cost and yield implications.

Desalination Treatment Plant Expansion: Feasibility Study (Project 09015)

The Desalination Treatment Plant Expansion Feasibility Study purpose is to further assess the feasibility of expanding the existing Tampa Bay Desalination Water Treatment Plant to maximize the available yield of Tampa Bay Water's regional water supplies. This project would leverage the existing facility as much as possible for meeting projected regional water demands, as well as inform design decisions for the future expansion. The overall objective of the project is to evaluate the feasibility of increasing Tampa Bay Water's available desalinated seawater supply by 10 – 12.5 mgd.

Work Completed to Date:

- Reviewed operational, maintenance, and other relevant data to assess treatment process performance at the Desalination Treatment Plant.
- Completed site visits, inspections, and interviews related to the condition assessment of the existing Desalination Treatment Plant.
- Developed preliminary pilot testing plans, schematics, and pre-treatment.
- Received an exemption from the Florida Department of Environmental Protection (FDEP) to modify the National Pollutant Discharge Elimination System (NPDES) permit at the Desalination Treatment Plant for pilot testing.

Upcoming Work:

- Complete the condition assessment of the existing Desalination Treatment Plant.
- Select pre-treatment technologies to test and finalize the pilot test design and plan.
- Continue discussions with FDEP and HCEPC to satisfy NPDES permit requirements.
- Begin discussion with FDEP regarding Environmental Resource Permit requirements.
- Conduct water quality review by gathering information from relevant staff and sources.
- Conduct yield and reliability assessment of expansion scenarios modeling.

New Wellfield via SHARP Credits: Feasibility Study (Project 01611)

The New Wellfield via SHARP Credits Feasibility Study purpose is to further assess the feasibility of developing a new wellfield and associated collection mains and water treatment facilities using credits from the injection of reclaimed water by Hillsborough County. The feasibility project includes a test production well and monitor wells, aquifer performance test, wellfield modeling and water use permit application, collector main layout and water treatment facilities required to meet Exhibit D of the Master Water Supply Contract and finalized negotiations with Hillsborough County for aquifer recharge credits, which in total will enable Tampa Bay Water to determine the cost and capacity of the new wellfield. The overall objective of the project is to evaluate the feasibility of increasing Tampa Bay Water's available groundwater supply by 7.5 mgd.

Work Completed to Date:

- Hydrogeologic Consultant continues to develop well specifications for the test well and monitoring wells.
- Investigation of potential properties for a test well and monitor well sites continues.

Upcoming Work:

- Tampa Bay Water's as-needed well drillers will provide in-house bids for construction of the test and monitoring wells.
- Property purchase options will be presented for Board consideration as they become available. It is expected that these options will be presented during the Spring 2020, Tampa Bay Water will then obtain property for the test and monitoring wells. Construction of the test well is scheduled for the Fall 2020.
- Tampa Bay Water is working with the member government utility directors and the Board to schedule a workshop to discuss policy aspects of reclaimed water credit valuation.
- Conduct yield and reliability assessment modeling.

Future Board Decisions

The Desalination Plant Expansion Feasibility Study and the New Groundwater Wellfield via SHARP credits are scheduled to be completed by December of 2021. The Surface Water Treatment Plant Expansion Feasibility Study is scheduled to be completed by December 2020.

Tampa Bay Water staff will continue updating the member government staff and the Board as these feasibility studies move forward. Following completion of these feasibility studies, the Board will be positioned to evaluate project alternatives during 2022 with a project selection needed by the beginning of 2023. These feasibility studies are scheduled to be available at the same time the Regional Water Quality Study 2020-2021 findings will be available for Board consideration. This will allow all of these potential capital improvement projects to be simultaneously considered relative to future debt service obligations.

BACKGROUND

The 2018 Long-term Master Water Plan was approved in December 2018. The Plan included several recommendations including further study of three top-ranked water supply projects to meet the region's future water supply needs. These projects were approved for further feasibility study to be performed during the 2023 Plan cycle. Once completed, the feasibility studies will help in the development of a recommendation for the eventual selection and construction timing of one or more projects.

The three projects are:

1. New Wellfield via SHARP Credits
2. Surface Water Treatment Plant Expansion
3. Desalination Treatment Plant Expansion

In October 2019, the Board approved Contract 2020-011 with Black & Veatch for the Tampa Bay Desalination Water Treatment Plant Expansion Feasibility Study (\$2,900,000), and Contract 2020-012 with Hazen & Sawyer for the Surface Water Treatment Plant Expansion Feasibility Study (\$695,000). In addition to these two contracts, the Board approved a task order to HSW Engineering (\$291,495) for support services for the New Wellfield via net Benefit from SHARP project to assist the agency with a test well that will help determine the potential quantity of water that could be obtained from the new wellfield, as well as establish existing water quality parameters.

The Desalination Treatment Plant Expansion Feasibility project is being funded with uniform rate funds and co-funding by the Southwest Florida Water Management District in the amount of \$1,450,000. The Surface Water Treatment Plant Expansion Feasibility project is being funded with uniform rate funds and co-funded by the Southwest Florida Water Management District in the amount of \$275,000.

DATE: April 6, 2020

TO: Board of Directors

THRU: Matt Jordan, General Manager

FROM: Kenneth R. Herd, Chief Science and Technical Officer

SUBJECT: Fiscal Year 2020 Joint Funding Agreement with the U.S. Geological Survey for Hydrologic Monitoring Services, First Modification - *Approve*

SUMMARY

This modification to the previously approved Fiscal Year 2020 Joint Funding Agreement with the U.S. Geological Survey will enable Tampa Bay Water to complete additional required hydrologic and water quality monitoring for the Alafia River supply source.

SUGGESTED ACTION

Approve the modification to the existing Fiscal Year 2020 Joint Funding Agreement with the U.S. Geological Survey for Hydrologic Monitoring Services to increase total by \$52,258 to \$146,158.

COST/FUNDING SOURCE

\$146,158/Uniform Rate. Fiscal Year 2020 budgeted funds

DISCUSSION

This modification to the FY 2020 Joint Funding Agreement with the U.S. Geological Survey covers additional data collection at two Alafia River sites: a new site at Bell Shoals Road near Tampa Bay Water's intake, and additional data collection at the Lithia Pinecrest Road site upstream of the intake. These additional continuous water quality data are required for operational purposes and source water protection. Approximately 50% of the FY 2020 total increase is for one-time equipment installation

costs; additional data collection costs for the new sites are prorated for the remaining months of FY 2020. Funds for this cooperative activity are included in Tampa Bay Water's approved budget for FY 2020. The attached FY 2020 Joint Funding Agreement, First Modification has been approved as to form by Tampa Bay Water's General Counsel. Staff recommends approval of the FY 2020 Joint Funding Agreement, First Modification with the U.S. Geological Survey.

BACKGROUND

The Joint Funding Agreement with the U.S. Geological Survey (USGS) allows Tampa Bay Water to fund required hydrologic and water quality monitoring through the USGS from October 1, 2019 to September 30, 2020. The FY 2020 Agreement, approved at the August 2019 Board of Directors meeting, covers data collection at five monitoring sites established by the USGS in Hillsborough County. For sites included in the Agreement, the USGS collects all data, performs quality control and data management, and provides real-time data to Tampa Bay Water and the public through the USGS water-resources website. This program is a long-established cooperative activity that represents an ongoing inter-agency relationship between Tampa Bay Water and the USGS. The USGS has been providing data collection services at these sites for many years.

Attachment



United States Department of the Interior

U.S. GEOLOGICAL SURVEY
Caribbean-Florida Water Science Center
4446 Pet Ln Suite #108
Lutz, FL 33559
P: (813) 498-5000
F: (813) 498-5002

March 23, 2020

Mr. Robert McConnell
Water Quality & Environmental Program Manager
Tampa Bay Water
2575 Enterprise Road
Clearwater, Florida 33763

Dear Mr. McConnell:

Enclosed are two signed originals of the first amendment to Joint Funding Agreement 20MCJFA0004. This amendment increases the amount from your agency to \$146,158 (see attachment), leaving all other terms and conditions unchanged. Please sign and return one fully-executed original to Susan W. Jones at the address above.

If you have any questions or concerns about this modification, please contact Kevin Grimsley by phone number (813) 498-5064 or email kjgrims@usgs.gov.

This is a fixed cost agreement to be billed quarterly via Down Payment Request (automated Form DI-1040). Please allow 30-days from the end of the billing period for issuance of the bill. If you experience any problems with your invoice(s), please contact Susan Jones at phone number (813) 498-5009 or email at swjones@usgs.gov.

The results of all work performed under this agreement will be available for publication by the U.S. Geological Survey. We look forward to continuing this and future cooperative efforts in these mutually beneficial water resources studies.

Sincerely,

David M. Sumner, Ph.D., PG
Director, Caribbean-Florida Water Science Center

Enclosure
20MCJFA0004 (2)

Doc. No. # 001560
Primary AGR
Secondary 020
Tertiary 004

CC: McConnell
w/enclosure

RECEIVED

MAR 24 2020

**TAMPA BAY WATER
RECORDS DEPT**

UNITED STATES DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

AMENDMENT #1 OF JOINT FUNDING AGREEMENT
FOR
CARIBBEAN-FLORIDA WATER SCIENCE CENTER

THIS REVISES JFA #20MCJFA0004 DATED
October 1, 2019

1. The parties hereto agree that subject to availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation Water Resource Investigations (per attachment), herein called the program. The USGS legal authority is 43 USC 36C, 43 USC 50, and 43 USC 50b.
2. Paragraph 2a of the agreement is hereby increased/decreased by \$0.00 to read as follows:

(a) \$0.00 by the party of the first part during the period
October 01, 2019 to September 30, 2020

Paragraph 2b of the agreement is hereby increased by \$52,258.00 to read as follows:

(b) \$146,158.00 by the part of the second part during the period
October 01, 2019 to September 30, 2020

All other terms and conditions of the Joint Funding Agreement remain unchanged. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983).

UNITED STATES
DEPARTMENT OF THE INTERIOR

TAMPA BAY WATER

USGS Point of Contact

Name: Kevin Grimsley, P.E. (Civil Eng)
Address: 4446 Pet Lane, Suite 108
Lutz, FL 33559
Telephone: (813) 498-5064
E-mail: kjgrims@usgs.gov

Customer Point of Contact

Name: Mr. Robert McConnell
Address: 2575 Enterprise Road
Clearwater, Florida 33763
Telephone: (727) 791-2376
E-mail: rmconnell@tampabaywater.org

SIGNATURES AND DATES

By: 
David Sumner, Ph.D, Director
Caribbean-Florida Water Science Center

By: _____
(Signature)

Date: 3-23-2020

Date: _____

Printed Name and Title

March 20, 2020
TAMPA BAY WATER

STATION NUMBER	STATION NAME	2020		Details
		Surface Water	Water Quality	
02301638	ALAFIA RIVER AT BELL SHOALS (move to new location at intake)	4,142	0	stage only - 7 months
		0	4,783	temp/cond - 7 months
TBD	ALAFIA RIVER NEAR BELL SHOALS ROAD	2,958	0	stage only - 5 months
		0	12,375	temp/cond/pH/turb/DO
		5,000	12,400	equipment/construction
		0	23,700	temp/cond/pH/turb
		0	2,500	add DO - 5 months
02301500	ALAFIA RIVER AT LITHIA-PINECREST RD (discharge by SWFWMD)	0	10,400	fluoride/calcium-5 months
		1,000	12,000	equipment/construction
02301718	ALAFIA RIVER AT RIVERVIEW AT US 301 (discharge by SWFWMD)	7,100	12,100	2-level temp/cond
02301721	ALAFIA RIVER AT GIBSONTON	7,100	0	stage only
		0	12,100	2-level temp/cond
02307200	BROOKER CREEK AT VAN DYKE RD	16,500	0	discharge
		43,800	102,358	

TAMPA BAY WATER

	2020		Total 2020
	Surface Water	Water Quality	
Totals	43,800	102,358	146,158
TAMPA BAY WATER	43,800	102,358	146,158
USGS	0	0	0



AGENDA ITEM D.5

DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Kenneth R. Herd, Chief Science and Technical Officer
SUBJECT: Tampa Bay Water Wise Program Implementation Update - *Status Report*

SUMMARY

In August 2018, Tampa Bay Water’s Board of Directors (Board) approved funding for demand management activities through Tampa Bay Water. The goal of the regional demand management approach is to save about 0.5 million gallons per day (mgd) in the first year of implementation and up to 11 mgd by 2030. This demand management program, now called Tampa Bay Water Wise, consists of 11 rebate programs and is also supported by water conservation grant funding from the Southwest Florida Water Management District (District). The program was officially launched and open to the public via tampabaywaterwise.org on March 30, 2020.

SUGGESTED ACTION

Receive Status Report.

COST/FUNDING SOURCE

N/A

DISCUSSION

Program Description

On August 20, 2018, the Tampa Bay Water Board of Directors approved funding demand management

through Tampa Bay Water on behalf of the members and applying for water conservation cooperative funding from the SWFWMD. The goal of the regional demand management approach, established as part of the Board-approved 2018 Long-term Master Water Plan update, is to save about 0.5 million gallons per day (mgd) of water in the first year of implementation and up to 11 million gallons per day (mgd) total by 2030. This is intended to cost-effectively defer the need for new water supplies which will save the members money in addition to the environmental benefits of conservation throughout the region.

As directed by the Board, staff worked with the members to develop an acceptable implementation strategy consistent with Tampa Bay Water's Interlocal Agreement. The strategy implements 11 program elements holistically and efficiently in each member service area to attain the identified conservation goals and is based on all members opting-in to the program.

The implementation strategy includes the use of a third-party contractor to administer the rebate program and provide status reports to the members. This third-party administrator, Electric and Gas Industries Association (EGIA), was selected by the Tampa Bay Water Board of Directors in October, 2019. Big Sea Communications, based in St. Petersburg, Florida, is the local marketing agency (a sub-contractor to EGIA) who will be executing the marketing plan.

Program Status

From January through March 2020, the regional demand management program, now called "Tampa Bay Water Wise," evolved from the research and development phase, to the public launch phase. Through several meetings with the members, EGIA and Big Sea, we developed the program specifications, the central website, a plan for transitioning from individual member rebate programs to the regional program, and a plan for marketing the program across the region.

- Rebate Program Specifications: Tampa Bay Water, the members, Southwest Florida Water Management District (SWFWMD), and EGIA worked together to finalize specifications for each of the 11 rebates. These specifications include: the requirements for customer eligibility, requirements for the old and new devices, proof of old and new device installation, and, pre- and post-installation inspection procedures. These specifications are essential to ensuring water savings and the best use of funds for each rebate.
- Bid for Inspection Services: Tampa Bay Water issued a second invitation to bid for toilet inspection services. The first invitation to bid resulted in bids that were too disparate. Therefore, we revised the bid sheet and scope accordingly. Toilet inspection services are an important component of the program to ensure that the old toilets being replaced and the new ones being installed meet the criteria established in the program specifications.
- Marketing Strategy: The marketing firm for this project, Big Sea, in coordination with the project team, developed a broad marketing strategy to raise awareness about this program throughout the region, as well as a plan for targeted messaging related to specific rebates. Big Sea has also developed a marketing toolkit for the members, such as bill flyers, social media posts and website text and images. However, the launch of the marketing plan has been intentionally delayed due to the timing of the COVID-19 outbreak, which was co-incident with the program launch timeline.

At the time of this reporting, the marketing is planned to commence in early May, although this may be revised depending on how the COVID-19 situation progresses.

- Public Launch: On March 30, 2020, the program had a soft launch, meaning it was available to the public but was not accompanied by any marketing or media promotion, as explained above. The website for this program—tampabaywaterwise.org— is the central portal which provides complete information about each of the 11 rebates. Members provided water consumption data and rebate program data, so that customers who enter their home or business address on the website's home page can easily determine if they are eligible for a rebate based on their water provider, location and other key criteria. This website also serves as the central portal for customers to submit rebate application materials and monitor the status of their rebate.
- Rebate Program Dashboard for Members: EGIA began developing a dashboard for members to see all the rebate applications that have come through in their service area. This dashboard will contain information such as rebate status, customer name and location. This dashboard provides members with real time information about the progress of the program in specific regions, so that members can help guide the direction of this program based on the results they see.
- H2OSAV Software: The University of Florida (UF) has begun to integrate member water consumption and rebate data into UF's water-savings analytics and visualization tool, H2OSAV. This tool uses geographic information systems (GIS) mapping software to illustrate the spatial distribution of water users, analyzes water consumption patterns, and ultimately measures the impact of water saving measures through data-driven analyses. This tool will play a key role in the measurement and verification of water savings from this regional program. It will also guide our marketing efforts as well as the decisions we make about future iterations of this program.

Looking ahead, the next phase of this project will be focused on program implementation, including processing rebates and implementing the marketing strategy. For at least the next few months, staff and members will meet monthly to discuss the progress of the rebate program, the marketing of the program, and share insights and experiences related to the H2OSAV program.

In September 2019, Tampa Bay Water applied for a second round of cooperative funding from the SWFWMD (fiscal year 2021). The SWFWMD funding decision on this proposal will take place in August 2020 and the proposal is currently ranked high for this funding cycle.

Other Demand Management/Conservation Activities in February and March 2020

Detailed collection of members' monthly data occurs through coordination with members and with their water restriction enforcement staff. Member conservation tables were developed through feedback from members' conservation staff and are updated monthly. Reporting on both short- and long-term water conservation and restriction enforcement undertaken by the members has a one-month lag due to records processing. Regional demand management activities for the past two months are as follows:

Feb. 2020 - Hosted Conservation Consortium Collaboration (CCC) meeting, to update members on water supply and demand trends and to provide forum for sharing information with one another and Florida Friendly Landscape agents. Reviewed scoring criteria for spring 2020 awards program. Updated

water supply status with members, SWFWMD and Florida Friendly Landscape (FFL) staff.

Mar. 2020 - Hosted (CCC) meeting. Attended FFL community events in Pinellas County. Staffed a table at Water Festival in Pinellas Park. Met with FFL agents in all three counties to discuss their program objectives. Coordinated with representatives from all organizations who are playing a role in Tampa Bay Water Wise, including FFL agents, University of Florida, Florida Irrigation Society, and the Florida Water Star program.

Education and Coordination Programs/Tampa Bay Water

Tampa Bay Water is involved in the following programs as part of its planning and coordination roles. Tampa Bay Water has a lead role in researching technology efficiency improvements that can be used actively by members and others; or passively through national, state, and local criteria and standards development.

<u>Program</u>	<u>Type</u>	<u>Status</u>
Florida-Friendly Landscaping (FFL)	Continuing environmental education in Pinellas, Pasco and Hillsborough Counties.	Public education coordinators implementing consistent water saving estimation techniques. 2020 scope incorporates long term education of Florida Water Star recipients and soil moisture sensor and evapotranspiration controller installation.
Water-Wise Awards Program	Conservation awards and promotion of drought-tolerant landscapes.	The Community Water Wise Awards program recognizes individuals and businesses that are committed to conserving our water resources and protecting the environment by using the best in attractive, Florida-Friendly Landscaping™ and minimizing water waste. The program runs from April 1 through June 30 each year. The 2020 program is currently open for award submissions. The website has been revamped, and is now located at awards.tampabaywaterwise.org .
University of Florida IFAS Research	Outdoor water use efficiency research, application development and optimization	Developing model landscapes that can be used by builders in Florida Water Star program. Conducting field evaluation of recycled compost to increase soil water holding capacity. Will conduct irrigation technology training for irrigation contractors. Using soil moisture sensor and evapotranspiration controller installation Best Management Practices (BMPs) document in requirements for rebate program.

Member conservation updates are summarized in Table 1 and Table 2.

BACKGROUND

At its December 2008 meeting, the Board of Directors approved a resolution directing Tampa Bay Water to prepare a revised Demand Management Plan (DMP). This project provided a comprehensive investigation of the benefits and costs of integrated water demand management as a quantifiable, alternative water supply source and reflects improvements in the state of knowledge that have occurred since 1995. The DMP evaluates the potential of demand management as a beneficial tool for long-term water supply planning and defines how demand management fits within Tampa Bay Water's long-term water supply planning process, supply reliability, and member demand projections. Consideration of costs and water supply benefits permit a consistent "apples to apples" comparison to other water supply alternatives.

At the February 2013 Board meeting, the agency passed Board Resolution No. 2013-006, which incorporates water use efficiency evaluation efforts into Tampa Bay Water's long-term water supply planning process. This resolution directs the agency to:

- Develop and implement data collection, management and analysis protocols and procedures for the continued assessment of passive water use efficiency within Tampa Bay Water's service area.
- Integrate passive water-use efficiency into the agency's Long-term Demand Forecast and Future Need Analysis.
- Include the Water Use Efficiency Evaluation as an element of the Long-term Master Water Supply Plan and include an updated evaluation of potential active measures for implementing efficient water-use products as part of future options for the next Long-term Master Water Supply Plan update.

Subsequently, the Board requested that Tampa Bay Water evaluate demand management implementation strategies to determine ways to ensure if active demand management is selected by the Board, it could be implemented and help meet the Tampa Bay Water's unequivocal water supply obligations.

In August 2018, Tampa Bay Water staff developed a list of potential demand management BMPs that could save up to 11 mgd by 2030 at about a fifth of the cost to develop new water supplies. This approach optimizes the use of existing water resources and could defer the need to develop new supplies to a later date, all within a cost-effective strategy. The plan was approved by the Board in December 2018 as part of the Long-term Master Water Plan update.

On August 20, 2018, the Tampa Bay Water Board approved funding demand management through Tampa Bay Water and applying for matching cooperative funding from the SWFWMD. The Board also directed staff to work with members to develop implementation strategies that will help to secure identified savings while consistent with the Interlocal Agreement.

Attachments

**Tampa Bay Water
Member Government Water Conservation Programming
January 2020**

TABLE 1

Conservation Service/ Action Provided	Pinellas County	City of St. Petersburg	Hillsborough County	City of Tampa	Pasco County	City of New Port Richey
Irrigation Evaluations		0	26	0		
Leak Detection Services		112		0		
Rain/Soil Moisture Sensor Rebates		2		0		
Meter Tests/Changeouts	26	2114		0		43
One-on-One Education		121	2	0		
Retrofit Kits Distributed		15		0		17
Water Restriction Citations	4	0	0	20	0	
Water Restriction Warnings	49	0	0	0	0	
Water Restriction Enforcement Hours	40	8		0		
Water Restriction Enforcement Mileage	671	19		0		
Speaking Engagements	2	10	5	0		
Toilet Rebates (toilets)		20	40	0	33	
Toilet Rebates (locations)		18	30	0	26	
Billing Inserts	1	0		0	1	
News Releases	1	0	5	0	0	
Hotline Calls	54	172		0		
Reclaimed Water (new connections)	27	-		1	159	
Hose Nozzles		12	0	0		
Expos/Fairs/Events	0	0	0	0		
Tours		0	0	0		
Email Inquiries		201	512	0		
Conservation Website Users	232	1,186	633	0	1678	
Twitter Engagements		0		0	3	
Facebook Engagements		0	14,223 pageviews/13 comments	0		
LinkedIn Engagements		0		0		
E- Newsletter Opens		923		0		
Television Shows/Radio Interviews	0	1	0	0		

Conservation Website Users is a common measurement through Google Analytics (others can be used)

Twitter Engagements includes #times clicked and shared

Facebook Engagements is #clicks, shared and liked

LinkedIn Posts #clicked, shared, and liked

*FFL based evaluations

DNP- Data not provided in time

*** Reporting irregular due to updates. Function in repair

**Tampa Bay Water
Member Government Water Conservation Programming
February 2020**

TABLE 1

Conservation Service/Action Provided	Pinellas County	City of St. Petersburg	Hillsborough County	City of Tampa	Pasco County	City of New Port Richey
Irrigation Evaluations		0	45	0		
Leak Detection Services		112		0		
Rain/Soil Moisture Sensor Rebates		2		0		
Meter Tests/Changeouts	41	2114		0		30
One-on-One Education		121	5	105		
Retrofit Kits Distributed		15		40		9
Water Restriction Citations	18	0	2	8	0	
Water Restriction Warnings	111	0	11	0	0	
Water Restriction Enforcement Hours	177	8		425.5		
Water Restriction Enforcement Mileage	1303	19		0		
Speaking Engagements	2	10	13	2		
Toilet Rebates (toilets)		20	39	0	36	
Toilet Rebates (locations)		18	30	0	25	
Billing Inserts	1	0		0	1	
News Releases	2	0	3	0	1	
Hotline Calls	41	172		2		
Reclaimed Water (new connections)	25	-		0	122	
Hose Nozzles		12	33	56		
Expos/Fairs/Events	2	0	2	3		
Tours		0	0	0		
Email Inquiries		201	379	0		
Conservation Website Users	194	1,186	480	0	1411	
Twitter Engagements		0		0	0	
Facebook Engagements		0	2368 pageviews/9 comments	0		
LinkedIn Engagements		0		0		
E- Newsletter Opens		923		0		
Television Shows/Radio Interviews	0	1	0	0		

Analytics (others can be used)

Twitter Engagements includes #times clicked and shared

Facebook Engagements is #clicks, shared and liked

LinkedIn Posts #clicked, shared, and liked

*FLL based evaluations

DNP- Data not provided in time

R-Reclaimed

** Reporting irregular due to updates. Function in repair

January-20	Pinellas County	City of St. Petersburg	Hillsborough County	City of Tampa	Pasco County	City of New Port Richey
Non-Watering Days	Monday, Tuesday, Friday *	Monday, Thursday, Friday	Sunday*	Sunday*	Saturday, Sunday	Monday, Tuesday, Friday
	* unless by variance from SWFWMD		* unless by variance from SWFWMD	* unless by variance from SWFWMD		
Watering Days Addresses ending in even number or letters A through M	Thursday and/or Sunday	Tuesday, Saturday	See Note below.	See Note below.	See Note below.	Thursday and/or Sunday
	or	or				or
Addresses ending in odd number or letters N through Z	Wednesday and/or Saturday NOTE: Mixed or no address irrigate on Tuesday and/or Friday	Wednesday, Saturday	NOTE: Irrigation allowed twice/week based on address ending 0,1,2,3 Monday and/or Thursday 4,5,6 Tuesday and/or Friday 7,8,9 or no or mixed address Wednesday and/or Saturday	NOTE: Irrigation allowed twice/week based on address ending 0,1,2,3 Monday and/or Thursday 4,5,6 Tuesday and/or Friday 7,8,9 or no or mixed address Wednesday and/or Saturday	NOTE: Irrigation allowed once/week based on address ending 0-1 Monday, 2-3 Tuesday, 4-5 Wednesday, 6-7 Thursday 8-9 or no or mixed address Friday	Wednesday and/or Saturday
Watering Hours						
In-ground irrigation system	12:01 a.m. to 10:00 a.m., or 4:00 p.m. to 11:59 p.m.	5 am to 9:00 a.m. or 7:00 p.m. to 11 p.m.	6:00 p.m. to 8 a.m.	Midnight to 800 a.m., or 6:00 p.m. to midnight	Midnight to 8:00 a.m. or 6:00 p.m. to midnight	4pm - 10 am
Manual equipment (hose)	Allowed any day, any time	Allowed any day, any time	Allowed any day, any time			
Private wells, lakes, ponds	12:01 a.m. to 8:00 a.m. 6:00 p.m. to 11:59 p.m.	5:00 a.m. to 9:00 a.m. 7:00 p.m. to 11:00 p.m.	6:00 p.m. to 8 a.m.	Midnight to 8:00 a.m. or 6:00 p.m. to midnight	Midnight to 8 a.m. 6:00 p.m. to midnight	4pm - 10 am
Car Washing	Any day/time	Any day/time	Any day/time	Any day/time	Any day/time	Any day/time
Citations Issued	18	0	0	8	0	
Warnings Issued	111	0	0	0	0	
Cost of Citations	R= reclaimed \$193 if paid prior to or at time of arraignment or trial if contested; additional court costs possible if found guilty at time of trial	\$180 fine plus court costs (court costs range from \$13 for uncontested violations to \$58 for contested violations. Subsequent violations subject to higher fines as assessed by the court, up to a maximum fine of \$500 plus court costs.	\$100-1st, \$200-2nd, \$300-3 rd , \$400-4 th , 500-5 th and subsequent, plus Code Enforcement daily fines for non-payment of up to \$5,000	\$100-1st, \$200-2nd; 3 rd -\$450 and mandatory court appearance	\$125 1st; \$250 2nd, \$500 on 3rd and mandatory court.	Same as Pasco County

January-20	Pinellas County	City of St. Petersburg	Hillsborough County	City of Tampa	Pasco County	City of New Port Richey
Enforcement Personnel	1 full time Water Conservation Officer and 1 full-time supervisor.Enforcement24/7 with varied schedule by Officer.	Enforced 24/7 by authorized staff members of Water Resources and other City Departments. Law and Codes enforcement personnel authorized to issue citations.	1 FTE Environmental Codes Enforcement Officer Potential of Additional Code Enforcement Personnel	Contracted water patrol for year-round service; 3 patrolers issue citations; law & code enforcement personnel authorized to issue citations.	16 code enforcement officers.	27 patrolmen and/or authorized code enforcement personnel.
Comments	Warning issued for first witnessed violation. Citation issued for subsequent witnessed violations.	Warnings issued for first witnessed violation. Citation issued on subsequent witnessed violation. Reclaimed-Voluntary Even address: Tues./Thurs./Sat. Odd address: Wed./Fri./Sun.	Issue citations on second witnessed violation, unless in drought or other special conditions. 3 years of no violations clears slate. Watering-in of chemical applications restricted to designated irrigation day, unless applied professionally, AND a dated advisory marker is posted. Irrigation of new lawns and landscaping (including City of Tampa Water Service Area) - any day, not between 8:00 am - 6:00 pm for initial 30 days; alternating days (odd addresses on Monday, Wednesday and Saturday, evens on Tuesday, Thursday and Sunday) for next 30 days, then regular schedule as above. Reclaimed water not restricted except its use must not be wasteful and unnecessary.	Issue citations on first witnessed violation. 3 years of no violations clears slate. Watering-in of chemical applications restricted to designated irrigation day, unless applied professionally, AND a dated advisory marker is posted. Irrigation of new lawns and landscaping (including City of Tampa Water Service Area) - any day, not between 8:00 am - 6:00 pm for initial 30 days; alternating days (odd addresses on Monday, Wednesday and Saturday, evens on Tuesday, Thursday and Sunday) for next 30 days, then regular schedule as above. Reclaimed water not restricted except its use must not be wasteful and unnecessary.		Complaints taken at Police Department Dispatch & Billing & Collection Office.

February-20	Pinellas County	City of St. Petersburg	Hillsborough County	City of Tampa	Pasco County	City of New Port Richey
Non-Watering Days	Monday, Tuesday, Friday *	Monday, Thursday, Friday	Sunday*	Sunday*	Saturday, Sunday	Monday, Tuesday, Friday
	* unless by variance from SWFWMD		* unless by variance from SWFWMD	* unless by variance from SWFWMD		
Watering Days Addresses ending in even number or letters A through M	Thursday and/or Sunday	Tuesday, Saturday	See Note below.	See Note below.	See Note below.	Thursday and/or Sunday
	or	or				or
Addresses ending in odd number or letters N through Z	Wednesday and/or Saturday NOTE: Mixed or no address irrigate on Tuesday and/or Friday	Wednesday, Saturday	NOTE: Irrigation allowed twice/week based on address ending 0,1,2,3 Monday and/or Thursday 4,5,6 Tuesday and/or Friday 7,8,9 or no or mixed address Wednesday and/or Saturday	NOTE: Irrigation allowed twice/week based on address ending 0,1,2,3 Monday and/or Thursday 4,5,6 Tuesday and/or Friday 7,8,9 or no or mixed address Wednesday and/or Saturday	NOTE: Irrigation allowed once/week based on address ending 0-1 Monday, 2-3 Tuesday, 4-5 Wednesday, 6-7 Thursday 8-9 or no or mixed address Friday	Wednesday and/or Saturday
Watering Hours						
In-ground irrigation system	12:01 a.m. to 10:00 a.m., or 4:00 p.m. to 11:59 p.m.	5 am to 9:00 a.m. or 7:00 p.m. to 11 p.m.	6:00 p.m. to 8 a.m.	Midnight to 800 a.m., or 6:00 p.m. to midnight	Midnight to 8:00 a.m. or 6:00 p.m. to midnight	4pm - 10 am
Manual equipment (hose)	Allowed any day, any time	Allowed any day, any time	Allowed any day, any time			
Private wells, lakes, ponds	12:01 a.m. to 8:00 a.m. 6:00 p.m. to 11:59 p.m.	5:00 a.m. to 9:00 a.m. 7:00 p.m. to 11:00 p.m.	6:00 p.m. to 8 a.m.	Midnight to 8:00 a.m. or 6:00 p.m. to midnight	Midnight to 8 a.m. 6:00 p.m. to midnight	4pm - 10 am
Car Washing	Any day/time	Any day/time	Any day/time	Any day/time	Any day/time	Any day/time
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Enforcement Personnel	1 full time Water Conservation Officer and 1 full-time supervisor.Enforcement24/7 with varied schedule by Officer.	Enforced 24/7 by authorized staff members of Water Resources and other City Departments. Law and Codes enforcement personnel authorized to issue citations.	1 FTE Environmental Codes Enforcement Officer Potential of Additional Code Enforcement Personnel	Contracted water patrol for year-round service; 3 patrolers issue citations; law & code enforcement personnel authorized to issue citations.	16 code enforcement officers.	27 patrolmen and/or authorized code enforcement personnel.
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DATE: April 6, 2020

TO: Board of Directors

THRU: Matt Jordan, General Manager

FROM: Kenneth R. Herd, Chief Science and Technical Office

SUBJECT: Inspection Services for Rebated Toilets and Urinals, Contract No. 2020-045 in the amount of \$319,460.00. - *Approve*

SUMMARY

In August 2018, Tampa Bay Water’s Board of Directors (Board) approved funding for demand management activities through Tampa Bay Water. The goal of the regional demand management approach is to save 11 million gallons per day (mgd) by 2030. This demand management program, now called Tampa Bay Water Wise, consists of 11 rebates, including high efficiency toilet rebates.

A key component of this program is toilet inspection services to ensure that all toilet fixtures, old and new, meet the criteria established, which will ensure that demand reductions are achieved and our funds are appropriately used. Tampa Bay Water has received cooperative funding from the Southwest Florida Water Management District (SWFWMD) to help offset the costs of these inspection services, and has requested *cooperative* funding for this effort in 2021. The proposed contract award is to Mainzer Management, Inc., d/b/a Techstaff, in the amount of \$319,460.00 for Fiscal Years 2020 and 2021.

SUGGESTED ACTION

Approve Contract No. 2020-045 to the lowest, responsive, responsible bidder, Mainzer Management, Inc., d/b/a Techstaff, in the amount of \$319,460.00 for Fiscal Years 2020 and 2021.

COST/FUNDING SOURCE

\$319,460 / Uniform Rate - \$177,625 and SWFWMD cooperative funding - \$141,835 for Fiscal Years 2020 and 2021 (anticipated).

DISCUSSION

On March 4, 2020, Tampa Bay Water posted an Invitation for Sealed Bids for the Inspection Services for Rebated Toilets and Urinals. Over 293 firms were notified through advertisement on DemandStar and Tampa Bay Water’s website. Tampa Bay Water added eight known firms as supplemental contractors and four firms downloaded the bid plans.

On March 30, 2020, sealed bids were received and publicly opened as follows:

1	Mainzer Management, Inc., d/b/a Techstaff	\$319,460.00
2.	Triconic, LLC	\$392,004.50
3.	M.T. Causley, LLC	\$490,175.00

Staff recommends that Contract No. 2020-045 be approved in the amount of \$319,460.00 to the lowest, responsive, responsible bidder Mainzer Management, Inc., d/b/a Techstaff. Funds for this work will be included in each fiscal year budget. The contract has renewal options for an additional two years, renewable one year at time, upon agreement of both parties as the same terms and conditions. Each option year renewed shall be renewed at \$210,844 per year.

The proposed contract will be available upon request and will be reviewed and approved as to form by Tampa Bay Water’s General Counsel. A copy of the contract bid form is attached.

BACKGROUND

At its December 2008 meeting, the Board of Directors approved a resolution directing Tampa Bay Water to prepare a revised Demand Management Plan (DMP). This project provided a comprehensive investigation of the benefits and costs of integrated water demand management as a quantifiable, alternative water supply source and reflects improvements in the state of knowledge that have occurred since 1995. The DMP evaluates the potential of demand management as a beneficial tool for long-term water supply planning and defines how demand management fits within Tampa Bay Water’s long-term water supply planning process, supply reliability, and member demand projections. Consideration of costs and water supply benefits permit a consistent “apples to apples” comparison to other water supply alternatives.

At the February 2013 Board meeting, the agency passed Board Resolution No. 2013-006, which incorporates *passive* water use efficiency evaluation efforts into Tampa Bay Water’s long-term water supply planning process. Subsequently, the Board requested that Tampa Bay Water evaluate *active* demand management implementation strategies, and the potential for helping to meet the Tampa Bay Water’s unequivocal water supply obligations.

In December 2018, the board approved a suite of demand management strategies to be implemented as part of the Long-term Master Water Plan update. These strategies have the potential to save 11 million gallons per day (mgd) by 2030 at about a fifth of the cost to develop new water supplies. This approach optimizes the use of existing water resources and could defer the need to develop new supplies to a later date, all within a cost-effective strategy.

On August 20, 2018, the Tampa Bay Water Board approved funding demand management through Tampa Bay Water and applying for matching cooperative funding from the Southwest Florida Water Management District (District). The Board also directed staff to work with members to develop implementation strategies that will help to secure identified savings while consistent with the Interlocal Agreement. One of these implementation strategies is the measurement and verification of rebated fixtures. Five of the eleven rebates offered are for toilets or urinals, and so inspection services were sought in order to verify the proper installation of rebated items. Twenty percent of all rebates issued will be inspected, per the conditions of the cooperative funding agreement with the District.

Attachment

Bid Proposal

For:



**INSPECTION SERVICES FOR REBATED
TOILETS AND URINALS
Bid/Contract No: 2020-045**

March 30, 2020

By:

Mainzer Management Inc. dba

TECHSTAFF

Adam A. Mainzer, SHRM-CP, ASA – CSP & TSC
President

2701 N. Rocky Point Dr #178
Tampa, FL 33607

PO Box 341526
Tampa, FL 33694

813-221-1222 (O)
813-293-1474 (C)
adam@techstafftb.com

TECHSTAFF, your project staffing solutions partner!

PART IV BID FORMS

ADDENDA ACKNOWLEDGMENT FORM

The Bidder acknowledges that he has received Addenda Number(s):

<u>One</u>	<u>RE: Reminders, Changes + Inquiries</u>	<u>A.M.</u>
Number	Addendum Title	Bidder Initials

_____	_____	_____
Number	Addendum Title	Bidder Initials

_____	_____	_____
Number	Addendum Title	Bidder Initials

Bidder shall insert number and name of each addendum received and agrees that all addenda issued are hereby made a part of the proposed Contract Forms, and the Bidder further agrees that its Bid is submitted after consideration of said addenda.

BID PRICE FORM- INSPECTION SERVICES

Item No.	Type of Inspection	Unit Rate Per Site Visit (inclusive of all administration, travel costs, etc.) (A)	Unit Rate Per Fixture Inspected (B)	Estimated Average # Fixtures to be inspected per site (C)	Estimated Quantity of Sites (D)	Estimated Total Cost (E) [A+ (B*C)]*D = (E)
1	SF Residential Toilet Inspection Services	\$ 180.00	\$ 0	1.5	1,250	\$ 225,000
2	MF Residential Toilet Inspection Services	\$ 180.00	\$ 0	5	36	\$ 6480
3	MF Residential Toilet Inspection Services	\$ 180.00	\$ 5.00	15	110	\$ 28,050
4	MF Residential Toilet Inspection Services	\$ 180.00	\$ 5.00	20	26	\$ 7280
6	NR Toilet Inspection Services	\$ 180.00	\$ 0	5	90	\$ 16,200
7	NR Toilet Inspection Services	\$ 180.00	\$ 5.00	15	110	\$ 28,050
8	NR Toilet Inspection Services	\$ 180.00	\$ 5.00	20	30	\$ 8400
TOTAL BID ESTIMATE (summation Item Nos. 1-8 of last column (E))						\$ 319,460.00

Total Bid Price shall be inclusive of all costs and travel.

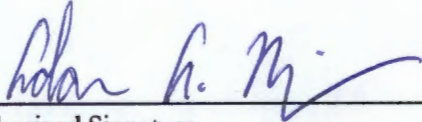
Definitions:
 SF - Single Family
 MFR - Multi Family
 NR - Non-Residential

PROPOSED TOTAL CONTRACT BID PRICE (Including Owner's Allowance)

Three Hundred Nineteen Thousand Four Hundred Sixty Thousand and No cents.
(Amount Written in Words)

Mainzer Management Inc. dba Techstaff
Firm Name

2701 N. Rocky Point Dr. #178 Tampa, FL 33607
Firm Address


Authorized Signature

Adam A. Mainzer
Printed Name

813-221-1222
Phone Number

adam@techstafftb.com
E-Mail Address

FLORIDA BID BOND**Know all men by these presents:**

That the "Bidder", Mainzer Management Inc. dba Techstaff a corporation , individual _____, partnership _____, of the state of Florida, qualified to do business in this State, as principal, and the "Surety", _____, a corporation of the state of _____, authorized to do business as a surety in this State, as surety, are hereby held and firmly bound unto Tampa Bay Water, A Regional Water Supply Authority ("Tampa Bay Water"), as obligee, in the sum of **FIVE THOUSAND DOLLARS AND NO CENTS (5,000.00)**, lawful money of the United States of America for the payment of which the Bidder and the Surety hereby bind ourselves, our respective heirs, successors, legal representatives and assigns, jointly, and severally, firmly by these presents.

WHEREAS, the Bidder has submitted to Tampa Bay Water, its Bid to which this Florida Bid Bond ("Bond") is attached, to enter into the Contract with Tampa Bay Water for Inspection Services for Rebated Toilets and Urinals, Contract 2020-045, which Contract is incorporated herein by this reference:

NOW, THEREFORE: The condition of this obligation is that, the Bidder And Surety are jointly and severally bound by all of the provisions of this Bond, and if the Bidder faithfully performs and fulfills all the understandings, covenants, terms, conditions and requirements of the Contract (including Addenda issued before the date of the opening of the Bid) within the time specified or any extension thereof, with or without notice to the Surety, or if the Bidder fails to comply with all requirements of the Contract (as modified) within the time specified or any extension thereof, with or without notice to the SURETY, but pays Tampa Bay Water the full amount of the sum set forth in this Bond as liquidated damages, then this obligation shall be null and void, otherwise to remain in full force and effect.

A. If Tampa Bay Water makes demand on the Surety to perform in accordance with the Surety's obligations under this Bond, then the full amount of this Bond shall be immediately due and payable to Tampa Bay Water, and the Surety shall pay that sum without delay. Additionally, the Surety shall reimburse Tampa Bay Water for all costs of collection (including but not limited to attorney's fees).

B. The Surety, for value received, stipulates and agrees that the obligations of the Surety and this Bond shall be in no way impaired or affected by any extension of the time within which Tampa Bay Water may accept the Bid, and the Surety does, by this agreement, waive notice of any such extension.

C. The term this "State" means the State of Florida. Other defined terms (i.e., capitalized terms) used in this Bond have the intent and meanings assigned to them in the Contract.

\$5000⁰⁰ check provided in lieu of Bid Bond.
A.M.

IMPORTANT: Sureties executing this Bond shall be currently authorized to do business in the State as surety and, except as otherwise provided by the Florida Statutes, be on the U.S. Department of the Treasury Financial Management Service list of approved bonding companies. Bonds cannot be in excess of the amount indicated as approved by that list.

(Name of Surety)

(Address)

(Telephone Number)

(Name of Duly Authorized Florida Agent)

(Address)

(Telephone Number)

Signed and sealed this 29th day of March, 2020.

Witness

Bidder/Principal:

By: Adam mainzer
President

Name and Title

Surety:

Witness

By Agent: _____

By Attorney-In-Fact
(Attach Certified Copy of Power of Attorney)

FOR A CORPORATION OR A LIMITED LIABILITY CORPORATION

State of Florida
County of Hillsborough

The foregoing instrument was acknowledged before me by means of physical presence or online notarization, this 29th day of MARCH, 2020, by Adam Mainzer, who is President (Title) of Mainzer Management Inc. dba Techstaff (Corporation Name) a corporation under the laws of the State of Florida, on behalf of the said corporation. He/She is personally known to me or who has produced identification and who did (did not) take an oath.

Patel
Signature of Notary Public

Adam Mainzer
Signature of Affiant

Notary Public
State of: Virginia
My Commission Expires: June 30, 2020

Chirag Patel
Printed, typed or stamped
Commissioned name of notary public

Adam Mainzer
Printed or typed name of Affiant

CHIRAG PATEL
ELECTRONIC NOTARY PUBLIC
COMMONWEALTH OF VIRGINIA
REGISTRATION # 7679556
MY COMMISSION EXPIRES JUNE 30, 2020

Notary Stamp Placed at 2020/03/29 14:05:04 EST



NON-COLLUSION AFFIDAVIT

STATE OF Florida
COUNTY OF Hillsborough

Adam Mainzer ("Affiant"), being first duly sworn, deposes and says that:

- 1. Affiant is President of Mainzer Management Inc, (the dba Techstaff "Bidder") and has submitted the attached Bid;
- 2. Affiant has personal knowledge of the matters set forth herein and is competent to testify;
- 3. Affiant is fully informed respecting the preparation and contents of the attached Bid and all pertinent circumstances respecting the Bid;
- 4. The Bid is genuine and is not a collusive or sham Bid;
- 5. Neither the Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including Affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly with any other Bidder, firm, or person to submit a collusive or sham Bid, or has in any manner, directly or indirectly, sought by contract or collusion or communication or conference with any other Bidder, firm, or person to fix the price or prices in the attached Bid or of any other Bidder, or to fix any overhead, profit, or cost element of the Bid price or the Bid price of any other Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against Tampa Bay Water or any person interested in the Contract.

By: Adam M.

Title: President

(Corporate Seal)

Subscribed and sworn before me by means of physical presence or online notarization, this 29th day of March, 2020 by Adam Mainzer, who is personally known to me or has produced _____ as identification.

Patel

CHIRAG PATEL
 ELECTRONIC NOTARY PUBLIC
 COMMONWEALTH OF VIRGINIA
 REGISTRATION # 7679556
 MY COMMISSION EXPIRES JUNE 30, 2020

Notary Public:
Chirag Patel

Print Name
My commission expires: June 30, 2020

Notary Stamp Placed at 2020/03/29 14:05:04 EST

pd9w





File name: Notary Docs.pdf

Document ID: B9F826A0-71E6-11EA-8BD2-0FC35287EC4D

Status: Completed

Document History

2020-03-29 13:57:16 EST	Document uploaded by Adam Mainzer (adam@techstafftb.com) IP: 47.196.170.20
2020-03-29 13:58:43 EST	Document signed by Adam Mainzer (adam@techstafftb.com) IP: 47.196.170.20
2020-03-29 14:05:02 EST	Document signed by Chirag Patel IP: 107.23.206.220
2020-03-29 14:05:02 EST	eNotary signed by Chirag Patel IP: 107.23.206.220
2020-03-29 14:05:02 EST	Document delivered to Adam Mainzer (adam@techstafftb.com) via email. IP: 107.23.206.220

Our Notarization Process

OnlineNotary.net is a Virginia-Based Notarization firm. Following document has been notarized by us The Commonwealth of Virginia signed into law SB 827 and HB 2318. These bills authorize and allow for approved, certified Virginia Notaries to legally notarize any signature within any US State by using audio-video capturing technology. We use highest standard Personal Identity Validation, UETA and E-SIGN ACT during our notarization process and have fully vetted signers in this document. We also keep video recordings of each notarization in an event if needed by court of law. You may also scan the QR code on the right to validate this document instantly.



1.1 Minimum Firm Qualifications

1. SIMILAR PROGRAMS

Techstaff of Tampa was **established** by Adam Mainzer in **1992** to provide Engineering, Technical and Professional staffing to the Tampa Bay area. Over the years Techstaff has provided services to well **over 100 clients** with an emphasis on servicing local government and public sector clients. We are proud of the **4 currently active public sector clients** we currently service, including the City of Tampa, Hillsborough County, City of Tarpon Springs and the Tampa Hillsborough Expressway Authority. In 2017, we were also recognized by the City of Tampa as a Small Local Business Enterprise (SLBE) and by Hillsborough County as a Small Business Enterprise (SBE) of which both designations remain active.

Although we are a small company, we have learned to leverage experience and technology to outperform much larger organizations. In addition to traditional staffing, Techstaff has implemented numerous managed services contracts throughout the state of Florida. Those projects have included water conservation related work for the City of Tampa and the St. Johns River Water Management District where we were tasked to perform residential and commercial inspections of properties irrigating in violation of water rules and ordinances. Those contracts have undoubtedly helped save millions of gallons of water at the same time educating consumers about water conservation. We have also performed traditional water meter reading services. Our Fire Inspection contract with City of Tampa Fire Rescue began at a time when the City had an increasing backlog of inspections. Our staff has helped close that gap and potentially saved numerous lives. Our most recent contract is with the Tampa Hillsborough Expressway Authority and it involves visually inspecting images of license plates and auditing toll transactions. Rather than being out in the field, our staff uses technology to perform their visual inspections.

It is our ability to take projects from a written scope to full implementation that sets us apart from our competition and what has impressed our clients the most. We have set up remote offices, deployed fleet vehicles, provided training, set-up call centers, created SOP's and most importantly provided the highest levels of customer service to our client's customers. Be assured, the implementation of the Toilet and Urinal Rebate Inspection Services contract will be led by our company owner Adam Mainzer and will be successful.

2. REFERENCES

Take a moment to review the following project references to more fully understand our capabilities.

Reference #	Client Name	Client Address	Contact Name	Phone	Fax	Email
1	City of Tampa - Water Department	306 E. Jackson St. Tampa, FL 33602	Phoenix McKinney	813-274-5631	n/a	Phoenix.McKinney@tampagov.net
2	Tampa Fire Rescue - Fire Marshal's Office	3402 W. Columbus Dr. Tampa, FL 33607	Chief John Reed	813-274-7003	n/a	John.Reed@tampagov.net
3	City of Tampa - Water Distribution Services	3807 E. 26th Ave. Tampa, FL 33605	Christina Morales	813-274-8784	n/a	Christina.Morales@tampagov.net
4	Tampa Hillsborough Expressway Authority	1104 East Twiggs St. #300 Tampa, FL 33602	Rafael Hernandez	813-272-6740	813-272-6742	Rafael.Hernandez@Tampa-Xway.com
5 (> 5 years)	St. Johns River Water Management	4049 Reid St. Palatka, FL 32177	Carol Miller	386-329-4170	n/a	cmiller@sjrwm.com

REFERENCE #1



City of Tampa Water Department Water Use Restriction Enforcement Services

Dates of Service: 2000 to present (except July 2003-March 2005)

Value: 18 year total of \$2,400,000+

Address: 306 E. Jackson Street, Tampa, FL 33602

Key Contacts:

Phoenix McKinney	Environmental Specialist	813-274-5631	Phoenix.McKinney@tampagov.net
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Contract Description: This contract requires that we hire, train, schedule, supervise and motivate a staff of 3-10 Water Enforcement Inspectors as well as 1-2 administrative staff. We also provide a Water Enforcement Project Manager who is available 24 hours per day to respond to emergencies. We are responsible for patrolling assigned territories in an effort to enforce City of Tampa Water Restrictions. Current inspection staff operates on various shifts covering 7 days per week. We have safely and efficiently provided over 85,000 employee hours in support of over **42,000 inspections/citations**, including the related documentation and court hearings. Duties include property inspections, citation writing, account look-up, citation processing, database entry, document management, mailing services, court preparation, legal representation at monthly court proceedings as well as customer verbal, electronic and written correspondence in response to both simple and complex dispute situations. During our 18 years of service to this contract, we have been responsible for the creation of most, if not all of the reports, documentation and procedures associated with this program. In January of 2002, we were commended by City staff for our efforts in helping the Water Department achieve a First Place Award for a Conservation Measure in the FSAWWA Water Conservation Awards for Excellence Program.

Adam Mainzer has represented the City of Tampa at over 175 court sessions demonstrating the confidence the Tampa Water Department has in him to manage this very politically sensitive program.

Current inspection team members average 13 years on the job which further demonstrates the dedication and stability Techstaff brings to our projects



(Pictured) Adam Mainzer with Inspection Staff at monthly court hearing

REFERENCE #2



City of Tampa – Tampa Fire Rescue-Office of the Fire Marshal Assistant Fire Inspectors and Administrative Staff

Dates of Service: 2017 to present

Value: \$770,000+

Address: 3402 West Columbus Dr., Tampa, FL 33607

Key Contacts:

Chief John Reed	Fire Marshall	813-274-7003	John.Reed@tampagov.net
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Contract Description: The City of Tampa is experiencing a period of tremendous growth which has increased the need for services provided by the Fire Marshal's office. Techstaff currently supplies four part time Assistant Fire Inspectors that work in the Fire Marshal's Office. They work in the Existing Inspections department doing fire and life safety inspections. They conduct inspections including Apartments, Daycares, Assisted Living Facilities, Pyro Tents for Seasonal Fireworks Sales, Grocery Stores and any other inspections as needed. When assigned, they also go out on complaint calls. They also handle any fire safety violations that may be called in from citizens in the community and area fire stations. The inspectors complete on average of about **100 inspections each per month.**

Once the inspections are completed, the inspectors submit reports in the Mobileeyes program. If required, they will work with the business on doing any re-inspections that may be needed. All of this information is noted on the program and once the inspections are completed and the business has passed as satisfactory that business will receive that report. If an Occupancy Permit is needed and required, the Inspectors will complete this at that time and turn it in to their supervisor to have their inspections committed into the system.

In addition to Fire Inspectors, we provide 3 Office Support Specialists who many times are the first interaction a person has after a fire or incident. Our administrative staff handles fire reports, request for inspections, scheduling, special event permits and public document requests. The work often requires working with several other departments within the City of Tampa.



REFERENCE #3



City of Tampa Water Distribution Services

Water Meter Service Attendants

Dates of Service: 2018 to 2019

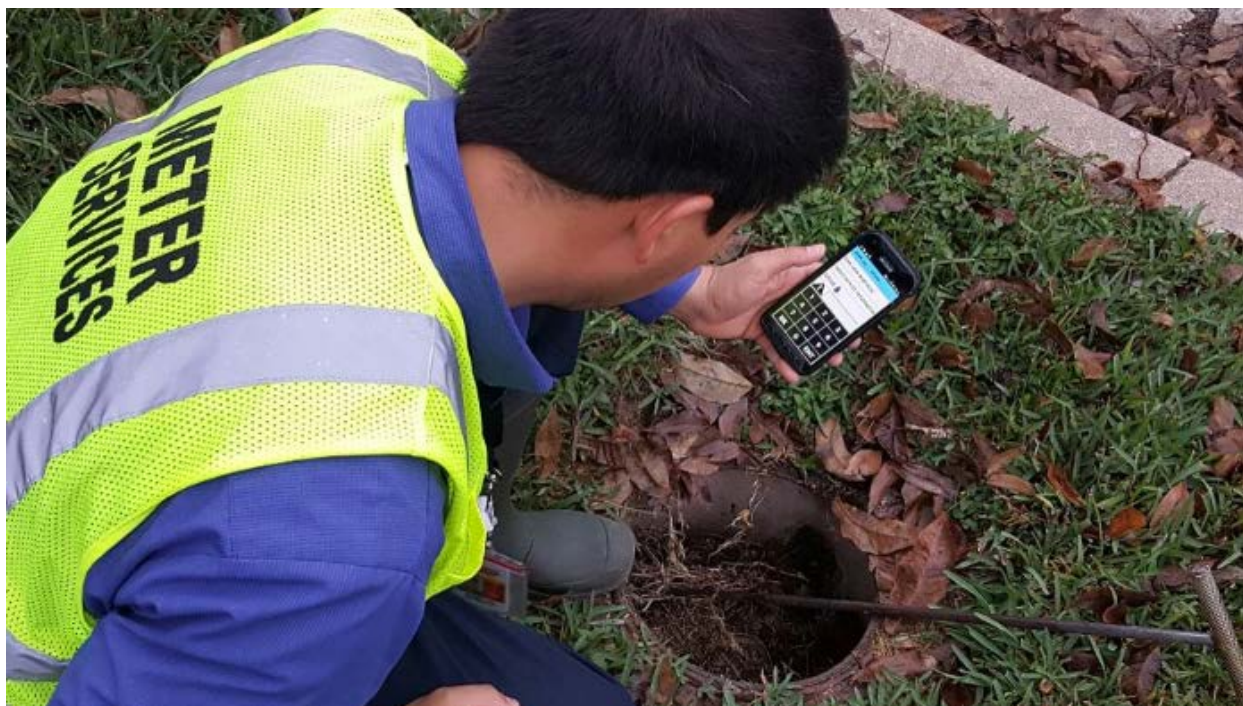
Value: \$33,000

Address: 3807 E. 26th Avenue, Tampa, FL 33605

Key Contacts:

Christina Morales	Billing Supervisor	813-274-8784	Christina.Morales@tampagov.net
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Contract Description: In late 2018, the City of Tampa Water Distribution Department turned to Techstaff to augment their meter inspection staff by hiring two contract Water Meter Service Attendants. Our employees were responsible for **inspecting between 150 and 500 residential or commercial water meters per day**. Our staff members traveled assigned routes, duties included: use probing rod, meter hook, and shovels to locate and uncover meters; recording consumption figures on hand-held computer; checking for and reporting water leakage, broken boxes, broken meters, broken lids, and excessive dirt or trash in meter boxes; reporting any illegal use of water found on route. Each shift required compiling daily report forms showing number of meters read, number of repairs requested, assigned meters not read and reasons for same. Our employees operated under general supervision, usually working alone and having extensive contact with the public, requiring the exercise of tact and courtesy. The quality of work provided by our staff was further validated when the City chose to permanently hire one of our attendants upon the completion of the contract funding.



REFERENCE #4



Tampa-Hillsborough Expressway Authority

Managed Services

Dates of Service: June 2017 to present

Value: ~\$500,000 annually

Address: 1104 East Twiggs Street, Suite 300, Tampa, FL 33602

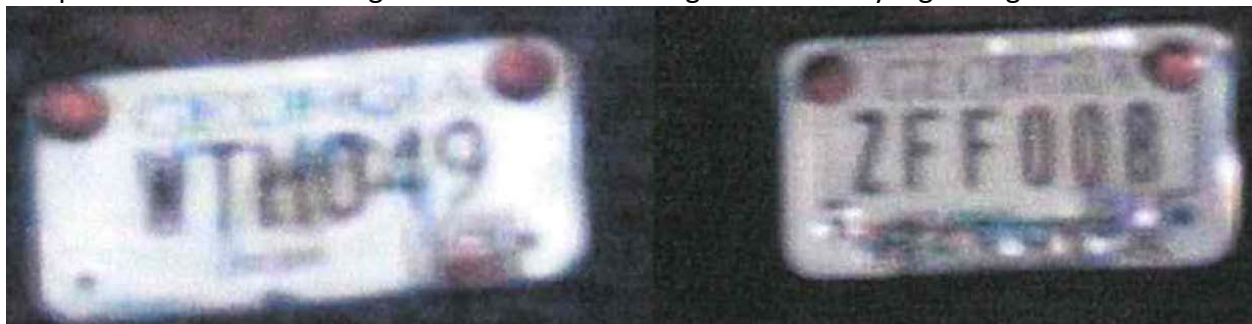
Rafael Hernandez	Director of Toll Operations	813-272-6740x204	Rafael@Tampa-Xway.com
Emma Antolinez	Toll Operations Project Manager	813-272-6740x136	Emma.Antolinez@Tampa-Xway.com
Man Le	Contracts & Procurement Manager	813-272-2307	Man.Le@Tampa-Xway.com

Contract Description: The Tampa-Hillsborough Expressway Authority (THEA) contracted with Techstaff to provide managed services for the staffing needed to process video-based toll transactions collected by THEA's All-Electronic Tolling (AET) systems. The Techstaff "Manual Image Review Team" performs the manual image review inspection of license plate images and provides the data entry services needed to complete and transfer those video-based toll transactions from THEA to the Florida's Turnpike Enterprise (FTE). Subsequently, the FTE processes the information received from THEA and post transactions into SunPass or Toll-By-Plate (TBP) accounts and issue invoices for the collection of toll revenues. **Over 1,000,000 plate images are inspected monthly** as well as a percentage of those inspections being audited.

THEA's vision was to improve day-to-day operations by retaining a staffing agency within the Tampa Bay Area to offer the manual-image-review team with a quality work environment and employment benefits designed to reduce employee turnover and facilitate THEA operational cost reductions.

The work is performed at THEA headquarters where Techstaff has an onsite Supervisor who manages our team of eight full-time employees and 1-4 additional temporary employees.

Due to fluctuations in toll volume, Techstaff will rotate temporary employees in and out of the program as needed based on volume. Often times these are short notice requests. In December of 2017, we demonstrated our flexibility and ability to scale on short notice by adding 10 temporaries and establishing a second shift to manage an unusually high image volume.



REFERENCE #5 (Greater than 5 Years ago)



St Johns River Water Management District (SJRWMD)

Water Restriction Compliance Services

Dates of Service: 2009 to 2013 (funding cancelled)

Value: 4 year total of ~\$1,400,000

Key Contacts: Carol Miller (Procurement).....386-329-4170 cmiller@sjrwmd.com

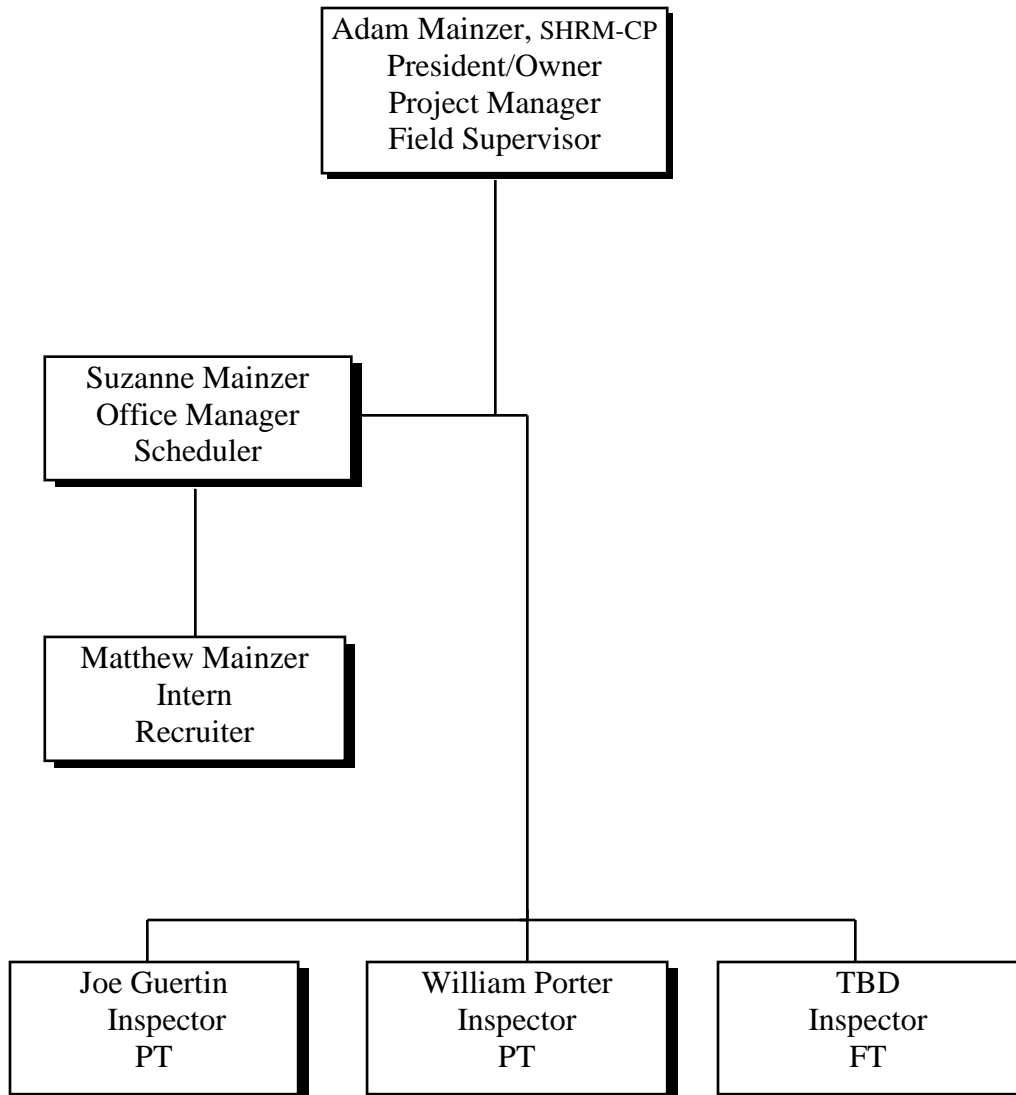
Project Description: Our first contract award for the SJRWMD was in June of 2009 to establish and operate their first Water Restriction Compliance Services program. We strategically located offices in Duval and Brevard Counties to serve their 18-county territory. Although similar to the City of Tampa Water Enforcement contract, this program required that we attempt to initiate personal contact by hand delivering violation inspection notices to violator's homes or businesses. Another difference with this contract was that we provided our own fleet of vehicles to be used by our inspection staff (six Ford Rangers). Our seven-member inspection staff included a UF Natural Resources grad, an ex-Police Officer, an Engineer, a small business owner and other professionals to carry out these politically sensitive duties. We provided nearly 40,000 employee hours and safely drove over 430,000 miles while processing over 8000 violations and **inspecting nearly 10,000 properties**. In addition, we processed and mailed over 3000 documents and handled over 1000 telephone calls. The funding for this project was discontinued in 2013.

Project Description: Our second contract with the SJRWMD was a result of our success with their Water Restriction Compliance program. Being confident in our knowledge and excellent customer service skills, Techstaff was asked to bid on and was awarded a contract to operate a Lawn and Landscape Irrigation Call In Service call center. We were responsible for receiving all irrigation information calls from throughout the District on a seven day per week, 7:00 am – 9:00 pm basis. Our focus was educating callers on the current restrictions as well as gathering complaint information so that patrollers could investigate potential violations. This facet of the contract was from October 2010 until August 2013.



(Pictured) Adam Mainzer with Inspection Staff and Fleet Vehicle

3. ORGANIZATIONAL CHART AND STAFFING PLAN



** Contractor reserves the right to update this listing, as needed. Within 15 days of award and acceptance of the contract, Contractor shall provide, in writing, to the designated Tampa Bay Water Demand Management Program Manager, with appropriate telephone contact information, contact staff(s) name, contact staff(s) phone number(s), email address(es) and office numbers. (Contract #2020-027 p27-28)

Our 28 years as a staffing agency uniquely qualify us when it comes to quickly ramping up staff to meet the demands of projects such as this. Upon award, Adam Mainzer will work closely with Tampa Bay Water and their Water Wise Program Managers to determine initial staffing levels and establish timelines for expected rebate program growth.

Mr. Mainzer will perform implementation and act as the Program Manager and Field Training Supervisor. Current irrigation inspector employees Joe Guertin and William Porter, will be two of our initial inspectors. Additional inspector candidates have been identified and offers will be made once we are provided the inspection program procedures and programmatic forms that Tampa Bay Water has indicated will be reviewed at the kick-off meeting. Our current Office Manager, Suzanne Mainzer, will be responsible for implementation of the administrative and scheduling aspect of the contract.

We are confident our experience with **Staffing, Project Implementation, Program Management and Customer Service** will ensure the success of the Toilet and Urinal Rebate Inspection Program. Some examples are below:

STAFFING: Techstaff has been supervising remote or field employees for over 28 years. This experience is rooted in our core staffing business that supplies contract employees to various employers throughout the Tampa Bay area. Mr. Mainzer, has the rare distinction of being certified by the Society for Human Resource Management as a Certified Professional and by the American Staffing Association as both a Certified Staffing Professional (CSP) and Technical Services Certified (TSC).



PROJECT IMPLEMENTATION: Techstaff has been tasked with the formal start-up and training for City of Tampa, Tampa Hillsborough Expressway Authority and St. John’s River Water Management District contracts. We developed entire standard operating procedures and provided initial and remedial training to all staff members. Training includes classroom, written and field training. We have mobilized additional staff or conducted emergency training during numerous program changes such as emergency water shortages, fountain bans and total irrigation bans.



(Pictured) Techstaff Inspectors undergoing training Jacksonville, FL

PROGRAM MANAGEMENT: Current and prior contracts have called for up staffing coverage levels up to 24 hours a day, 7 days per week. All staff have Project Manager and Owner Adam Mainzer's home and cell phone numbers and know that he can be reached at any time. Many employees have agreed to work schedules that can change frequently and are ready to maintain flexible schedules as needed. Because of our staffing experience, we are also able to quickly hire and train new hires. This was the case with the District contract where we had the whole program up and running within a matter of weeks including hiring, training, office selection, fleet vehicle purchases and telecommunications.

(Palatka Daily News 9-25-2010)

A private contractor, Tampa-based Techstaff, is driving county and city roads 24 hours a day, seven days a week searching for violators, District Communications Specialist Teresa Monson said.

"Techstaff has been working with us for about a year enforcing in areas of high water use or areas where non-compliance complaints are received," she said. "In Putnam County we have gotten some complaints of repeat violations."

Techstaff will be paid \$500,000 during fiscal year 2010-2011 to locate violators in 5 counties, she said.

"What they typically do is, when they observe the first violation they stop by and educate the homeowner," she said. "If the homeowner is not home, they follow up the next day with a phone call or letter to educate them to what the restrictions are. On the next violation we then pursue a monetary penalty."



CUSTOMER SERVICE: Techstaff prides itself on our ability to provide exceptional customer service. Having completed tens of thousands of property visits, many of which included issuance of monetary penalties, we take pride that very few of these customer encounters ever escalated to client complaints. And with those, not one time has Techstaff been reprimanded by a client for poor service of any kind. In fact, customers have even provided praise (see next).

From: Phoenix McKinney <Phoenix.McKinney@tampagov.net>
Sent: Thursday, November 30, 2017 5:10 AM
To: waterpatrol@techstafftb.com
Subject: FW: Citation # 105440

From: Richard Theodore
Sent: Thursday, November 30, 2017 5:10:13 AM (UTC-05:00) Eastern Time (US & Canada)
To: CivilCitationWater; Richard Theodore
Subject: Re: Citation # 105440

Sir,
I want to thank you for speaking with me and, thoroughly, explaining my options with this citation.

While I don't speak often with government employees, the rare times I do, I must say, it's never an experience worth repeating, nor ever worthy of recognition, but after speaking with you yesterday, you have reminded me that there are still civil servants and dedicated individuals still wanting to prove that government can be effective through their dedication to service and utmost professionalism.

Please keep it up, and while I know, it's impossible to not be impacted by the waves of today's society's fabrics, I trust your dedication to serving and your professionalism will always keep your core intact as a rock in a pond.

I shall pay my citation online and Thank you for serving our community.

Regards,

Richard Théodore | m: 314.724.3024

On Nov 28, 2017, at 1:06 PM, Richard Theodore <richard.theodore@outlook.com> wrote:

To Whom It May Concern,
It is our, Richard and LaCesia Theodore, intention to challenge this recitation and the ruling.

Please provide the formalities and means to do so officially.

Regards,

Richard Théodore | m: 314.724.3024

This also includes client approved media ride-a-longs that have always been conducted in a very professional manner.



4. 9KEY STAFF MEMBER RESUMES

ADAM MAINZER

STAFFING EXECUTIVE

Talent Acquisition ▶ Leadership ▶ Workforce Planning ▶ Employee Retention ▶ Innovation ▶ Project Mgmt

Recognized as a Driven leader ... Passion for People ... Ability to collaborate across functions

Executive leader with a 28 year record of success in employee recruitment, retention and performance management. Collaborated with organizations to produce innovative services contracts for state and local government, medical device, marine, engineering, manufacturing and automotive industries. Excellent project implementation skills with a solid business leadership foundation.

Proven record of successful full life cycle Staffing, Recruiting and Work Force Planning experience within Global Organizations. Proven ability to translate business needs into Staffing Strategies and successfully convert those strategies to achievable recruiting objectives that drive successful recruiting teams. Recipient of multiple Leadership awards for implementing innovative strategies that drive individual as well as team results. Seasoned ability to navigate Corporate Workforce Planning and Recruiting strategies within complex environments spanning multiple disciplines.

Flexible 'hands on' management style responsive to the needs and constraints of diverse departmental disciplines, business functions and business stakeholders.

CORE EXPERTISE / SKILLS

- ▶ Talent Acquisition
- ▶ Team Building and Leadership
- ▶ Staffing Process Re-engineering and Best Practices
- ▶ Sourcing, Interviewing and Selection Process Design and Implementation
- ▶ Client Relationship Management
- ▶ Workforce Planning
- ▶ Project Lifecycle Management / Legal Compliance

PROFESSIONAL WORK EXPERIENCE

TECHSTAFF, Tampa, Florida

1992 – present

Provider of staffing solutions/services to State and Local Governments, Fortune 500 Corporations and small/mid sized businesses.

Founder and President - *Facilitated the start-up, growth and business development of the regions recognized leader of Engineering, Professional, Technical and Manufacturing staffing services. Led the organization through process standardization, business needs qualification and implementation of advanced recruitment tools.*

Responsibilities included:

- ❖ Responsible for all client relationship management related to Talent Acquisition - while managing the recruiting teams, strategy and metrics for regional and global recruitment engagements.
- ❖ P&L management, budget development, sales strategy, marketing oversight, and operations management.
- ❖ Launched onsite staffing arrangements and outsourced programs in Tampa, Jacksonville and Brevard.
- ❖ Facilitated effective internal communications and fulfillment of customer commitments by maintaining performance metrics and establishing QA meetings to monitor customer programs.
- ❖ Deployment of innovative recruitment & technology tools such as (ATS)applicant tracking systems, social media, online recruitment platforms, video interviewing, training seminars, drug and background testing.
- ❖ Hiring, mentoring, coaching and performing reviews for staff to achieve departmental and enterprise goals.
- ❖ Guided organization profitably through two recessions

Achievements:

- ▶ Over \$50 million in combined sales
- ▶ Among first in nation to achieve Certified Staffing Professional (CSP) designation by the American Staffing Assoc., 2000
- ▶ Deloitte & Touch Fast Fifty Award, 1998
- ▶ Tampa Bay Business Journal 40 under 40, 1999
- ▶ Leadership Tampa, Class of 2001
- ▶ President Florida Staffing Association, 2008 - 2010
- ▶ President Florida Chapter National Technical Staffing Association, 1998, 2003

EDUCATION AND PROFESSIONAL DEVELOPMENT

University of California, Riverside

B.S. Business Administration w/ concentration in Human Resources – 1990

Society of Human Resource Management (SHRM)

Certified Professional – SHRM-CP

American Staffing Association (ASA)

Certified Staffing Professional – CSP and Technical Services Certified - TSC

Suzanne Mainzer

An organized, highly motivated, and results-oriented administrative professional with extensive experience in multiple industries, including legal services, municipal services, temporary staffing and customer service. Flawless on follow-up, exceptionally resourceful and detail oriented with excellent written and verbal communication skills. Conscientious self-starter with demonstrated skills in:

PROFESSIONAL EXPERIENCE

TECHSTAFF, Tampa, FL **1998 - Present**

Full and part-time Office Management, Recruitment and Customer Service

General Management and Administration

- Candidate recruitment
- Weekly payroll entry, reconciliation and invoicing.
- New employee on-boarding
- Client customer service
- Drug testing and badging
- Applicant Tracking System - ATS
- Prepared complex and detailed domestic travel arrangements.
- Schedules meetings and association appearances including catering requirements.
- Data entry, word processing and mail processing duties.
- Switchboard operation and general meet and greet responsibilities.

TASK-IT, Tampa, FL

Provider of outsourced business, customer service and administrative services for clients including American Envoy, Dream Support, The Sinclair Group and Techstaff.

Dream Support, Tampa, FL **2012 -present**

Contracted to provide Administrative and Waiver Support Coordination services to the developmentally disabled community

AMERICAN ENVOY, Tampa, FL **2008 -2011**

Contracted to provide diversified administrative and process management support for a multitude of critical company-wide job functions.

Record Retrieval Specialist/Task Manager

- Collected medical, employment, accident and film records from nationwide facilities.
- Adept at creating relationships with record custodians resulting in more timely receipt of records.
- Assigned the most difficult facilities and rush records than any other Task Manager.

Print Services Expeditor

- Responsible for daily printing, request for copies and IME records totaling over 2 million pages.
- As the companies last line of defense, I intercepted numerous co-mingled and improperly loaded records before shipment to opposing council preventing potential HIPPA non-compliance issues.
- Prepared daily UPS shipments and performed associated tracking of packages for clients.
- Recognized with an award for Teamwork, Attitude and Accuracy (99.50%); 8-20-2010
- Provided training teleconferences to new Task Managers.
- Managed and supervised an outsourced staff of up to three Task Managers
- Consistently ranked as a top Task Manager for efficiency, volume and successful completion.

Subpoena and Letter Generation

- Prepared documents such as subpoenas, post-payment and request for copy letters.
- Researched address and phone numbers of law firms for incorporation into database.
- Performed data entry tasks associated with Quickbase.

DELTA AIR LINES, Atlanta,

1990 – 1995

Global Airline and provider of World Class customer service.

International In-flight Service Coordinator

EDUCATION

1985 – 1990 **Florida State University, Tallahassee, FL** B.A. Elementary Education

Joseph Guertin

Experience:

August 2005 to Present

Water Enforcement Inspector

As an Inspector for the City of Tampa Water Use Restriction Enforcement program, I safely operate a City vehicle within the Tampa Water Department's service area within the City of Tampa municipal boundaries. Services are required year-round and may be on any day of the week or at any time during a 24-hour period, depending on the restrictions in place.

Upon observance of a potential irrigation violation, I stop my vehicle and perform a thorough inspection of the property from the street or curbside. Inspections include a numerical count of operating sprinklers, obtaining the water meter number, inspecting yard for evidence of new sod or landscape materials or professionally applied pesticides. Determination of address and completion of a citation and inspection reports. If the customer is visible, I will make contact and provide water conservation information and suggestions. Additionally, I attend a monthly court hearing for those who wish to contest their citations.

I have safely patrolled over 10,000 hours in support of this program.

William Porter

Experience:

September 2006 to Present

Water Enforcement Inspector

As an Inspector for the City of Tampa Water Use Restriction Enforcement program, I safely operate a City vehicle within the Tampa Water Department's service area within the City of Tampa municipal boundaries. Services are required year-round and may be on any day of the week or at any time during a 24-hour period, depending on the restrictions in place.

Upon observance of a potential irrigation violation, I stop my vehicle and perform a thorough inspection of the property from the street or curbside. Inspections include a numerical count of operating sprinklers, obtaining the water meter number, inspecting yard for evidence of new sod or landscape materials or professionally applied pesticides. Determination of address and completion of a citation and inspection reports. If the customer is visible/ I will make contact and provide water conservation information and suggestions. Additionally, I attend a monthly court hearing for those who wish to contest their citations.

I have safely patrolled over 25,000 hours in support of this program.

DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Kenneth R. Herd, Chief Science and Technical Officer
SUBJECT: Regional Water Supplies and Member Demands - *Receive Report*

SUMMARY

This item provides the status of our water demand and water supply conditions including hydrologic conditions, surface water and reservoir management, and source rotation. Water Shortage Mitigation Plan status and an outlook for the upcoming winter season are also included.

SUGGESTED ACTION

Receive Status Report

COST/FUNDING SOURCE

N/A

DISCUSSION

Since the beginning of this fiscal year, Tampa Bay Water has delivered an average of 181.4 million gallons per day (mgd) to meet the member governments' demands. **This is 11.9 mgd (7.0%) more water delivered than for the same period last year.** Record high delivery in March 2020 reflects the compounding effects of dry weather, socioeconomic development and 'safer-at-home' order issued by member governments, responding to COVID-19. For the past three consecutive months, the region received below normal rainfall. The region received 2.6 inches of rainfall in February 2020 (0.2 inches

below normal) and nearly zero inches of rainfall in March 2020 (3.5 inches below normal). Daily river flows were about normal in February 2020 and dropped to below normal conditions for both Hillsborough River and Alafia River in March 2020. The Regional Reservoir was full in the first three months of this fiscal year and was used to supply the surface water treatment plant in February and March. The Reservoir is at 12.7 Billion Gallon (BG) of storage at the end of March 2020. A summary of conditions is highlighted below:

- Total rainfall across Tampa Bay Water's service area was 2.6 inches and 0 inches, respectively, in February and March 2020.
- Daily flows in both the Alafia and Hillsborough Rivers were about normal in February 2020 and below normal conditions were observed for both Rivers in March 2020.
- The Tampa Bay Water Desalination Facility produced 13.10 mgd and 16.48 mgd, respectively, in February and March 2020.
- The 12-month running average Consolidated Wellfield pumpage is 84.45 million gallons per day (mgd) through March 2020.
- Delivery of water to the members year to date (October 1, 2019 through March 31, 2020) is 11.9 mgd more than during the same period last year.
- The City of Tampa Hillsborough River Reservoir is at an elevation of 21.5 ft. at the end of March 2020. No diversion from the Harney Canal occurred in February and the City diverted about 19.3 mgd in March 2020. The diversion rate is currently at about 40 mgd.
- Delivery of water to the City of Tampa at the Morris Bridge Point of Connection started on January 6, 2020 and averaged 9.30 mgd and 11.1 mgd for January and February 2020, respectively. No delivery at this point of connection occurred for March 2020.

Climate Outlook

El Niño/Southern Oscillation (ENSO)-neutral conditions are present. Many of the model predictions issued during mid-March 2020 show that ENSO-neutral conditions are projected for the spring and summer 2020. Although ENSO neutral conditions are expected for the rest of the water year, month-to-month hydrologic fluctuations may occur as have been observed in the past few months.

The 90-day climate outlook issued on March 15, 2020, predicts normal precipitation and higher than normal temperature for the period of April -June 2020. This is projected for much of the Southern United States including Florida.

Hydrologic Conditions

Water Year 2020 (October 2019 through September 2020) started with above average rainfall in October (3.7 inches greater than normal) and November was slightly below average (0.5 inches less than normal). For the past three consecutive months, the region received below normal rainfall. The region received 2.6 inches rainfall in February 2020 (0.2 inches below normal) and March 2020 received nearly zero inches rainfall (3.5 inches below normal) (Figure 1).

Overall, the Tampa Bay area has started to experience below normal flow conditions in local surface

water resources. Monthly flows in the Alafia and Hillsborough Rivers were 100.2 mgd and 92.5 mgd (36th and 47th percentiles), respectively, in February 2020. River flows in March 2020 were below average at 50.8 mgd (19th percentile) for the Alafia River and below average at 50.1 mgd (33th percentile) for the Hillsborough River. Note that an average flow condition is defined when the flow falls into the range of 34th and 67th percentiles.

Permitted available flows in the Alafia River averaged 14.27 mgd for February and 5.65 mgd for March 2020. In February, daily withdrawal of water from the Tampa Bypass Canal averaged 33.45 mgd, whereas withdrawal in March 2020 averaged 11.51 mgd.

Water Demand and Supply Summary

Tampa Bay Water's budgeted delivery for Water Year 2020 is 180.8 mgd. This includes a projected average annual delivery to the City of Tampa of 6.0 mgd. Total delivery to the members in February and March 2020 was 184.30 mgd and 198.42 mgd, respectively, which is higher than last year for both February and March. In March 2020, Tampa Bay Water delivered the highest flow quantity ever recorded for the month of March. All Demand Management Planning Areas saw increased demand compared to last year with the exception of St. Petersburg. Tampa Bay Water's average total delivery for October 2019 through March 2020 is 181.4 mgd which is 11.9 mgd or 7.0% above delivery for the same period last year (Figure 2). This includes delivery of 9.3 mgd and 11.1 mgd to the City of Tampa in January and February 2020 respectively.

Aggregate groundwater production from the 13 Tampa Bay Water wellfields totaled 106.43 mgd and 122.22 mgd in February and March 2020, respectively. Production from the Consolidated Wellfields totaled 80.18 mgd and 88.52 mgd in February and March 2020, respectively. The 12-month running average Consolidated Wellfields production stands at 84.45 mgd through March 31, 2020 (Figure 3).

Treated surface water totaled 66.04 mgd and 59.93 mgd in February and March 2020, respectively. The Desalination Facility started production in December and recently produced 13.10 mgd and 16.48 mgd for February and March 2020, respectively.

Currently, 12.7 billion gallons of water is stored in the regional reservoir. The amount of stored water used to supplement river flows sent to the Surface Water Treatment Plant averaged at 18.83 mgd and 41.10 mgd in February and March 2020, respectively. The proportion of reservoir use is expected to increase as we transition into the coming dry season.

Water Shortage Mitigation Plan

The Board approved the updated Water Shortage Mitigation Plan (WSMP) in April 2017. The Water Shortage Mitigation Plan uses rainfall, stream flows, and reservoir storage as indicators of the health of the region's water supplies.

The cumulative rainfall in the region is at a 2.38-inch surplus at the end of March 2020 (compared to a 3.60-inch surplus in February 2020). Stream flow is at a 60.78 mgd surplus in March 2020 (the same in February 2020). The storage of Regional Reservoir was at 12.7 billion gallons, close to 85% of its

storage capacity. Tampa Bay Water is currently under a normal WSMP Stage.

Currently, the region is in an ENSO-neutral condition which is expected to continue through summer 2020. Climate models indicate an 81% chance of staying in the ENSO-neutral condition for the months of April, May and June 2020.

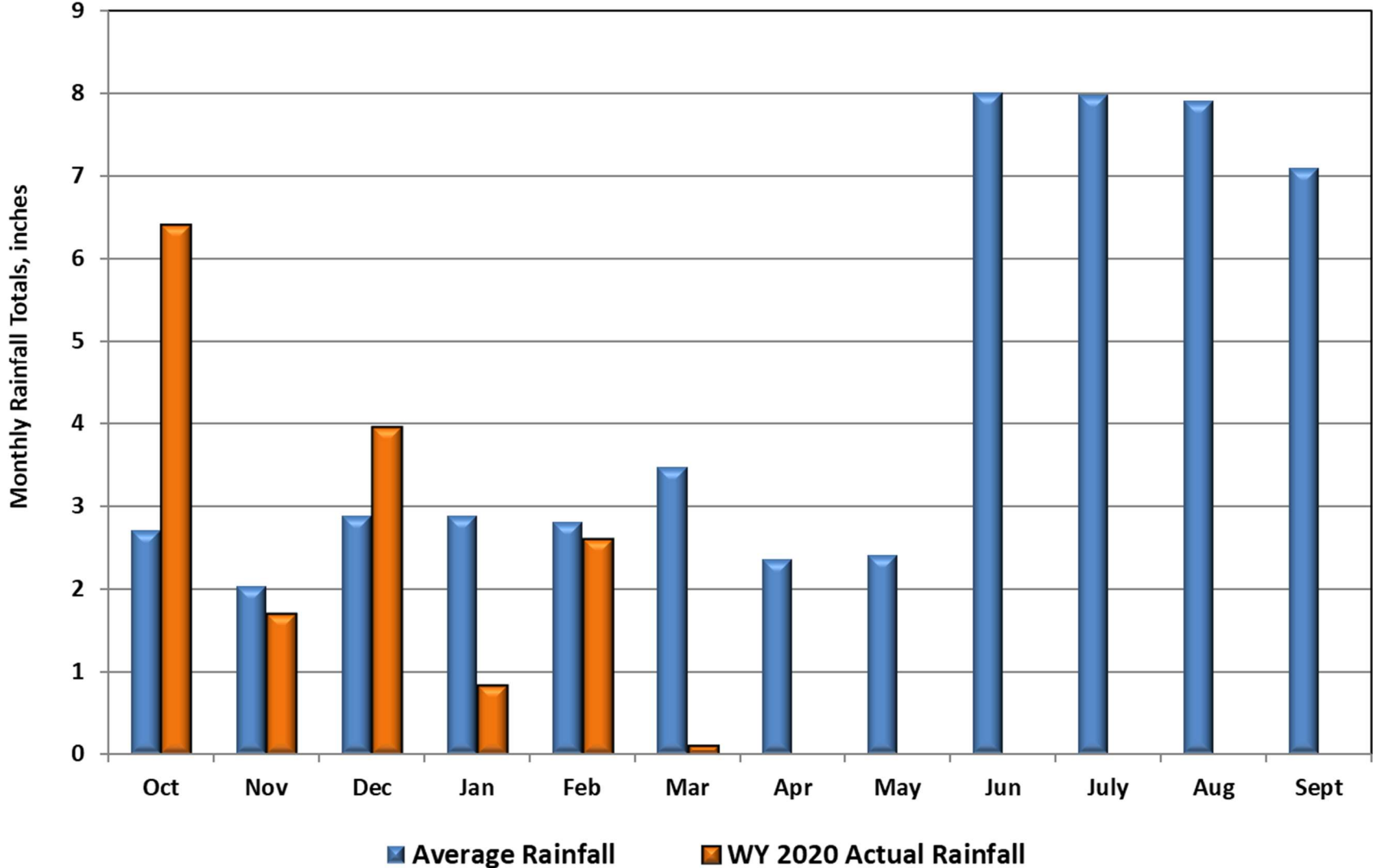
Staff continues to work with the members in collecting watering restrictions and conservation information, discussing and exploring various short-term and long-term demand management alternatives, implementing a consistent public awareness campaign throughout the region, and identifying additional opportunities to optimize existing water resources.

BACKGROUND

Data collection, analysis, and interpretation as well as decision-making are ongoing for a multitude of factors that influence and constrain Tampa Bay Water's operations. These include hydrologic and environmental conditions, supply and demand conditions, treatment plant parameters, water quality constituents, along with equipment/machinery and infrastructure variables. A summary of monthly information is compiled and provided to the Board in each Board Agenda Packet and is supplemented as necessary. A summary of highlights is presented annually.

Attachments

Figure 1. Water Year 2020 Monthly Rainfall vs. Average Monthly Rainfall



**Figure 2. Tampa Bay Water Delivery Through March
Water Year 2020 Compared To Water Year 2019**

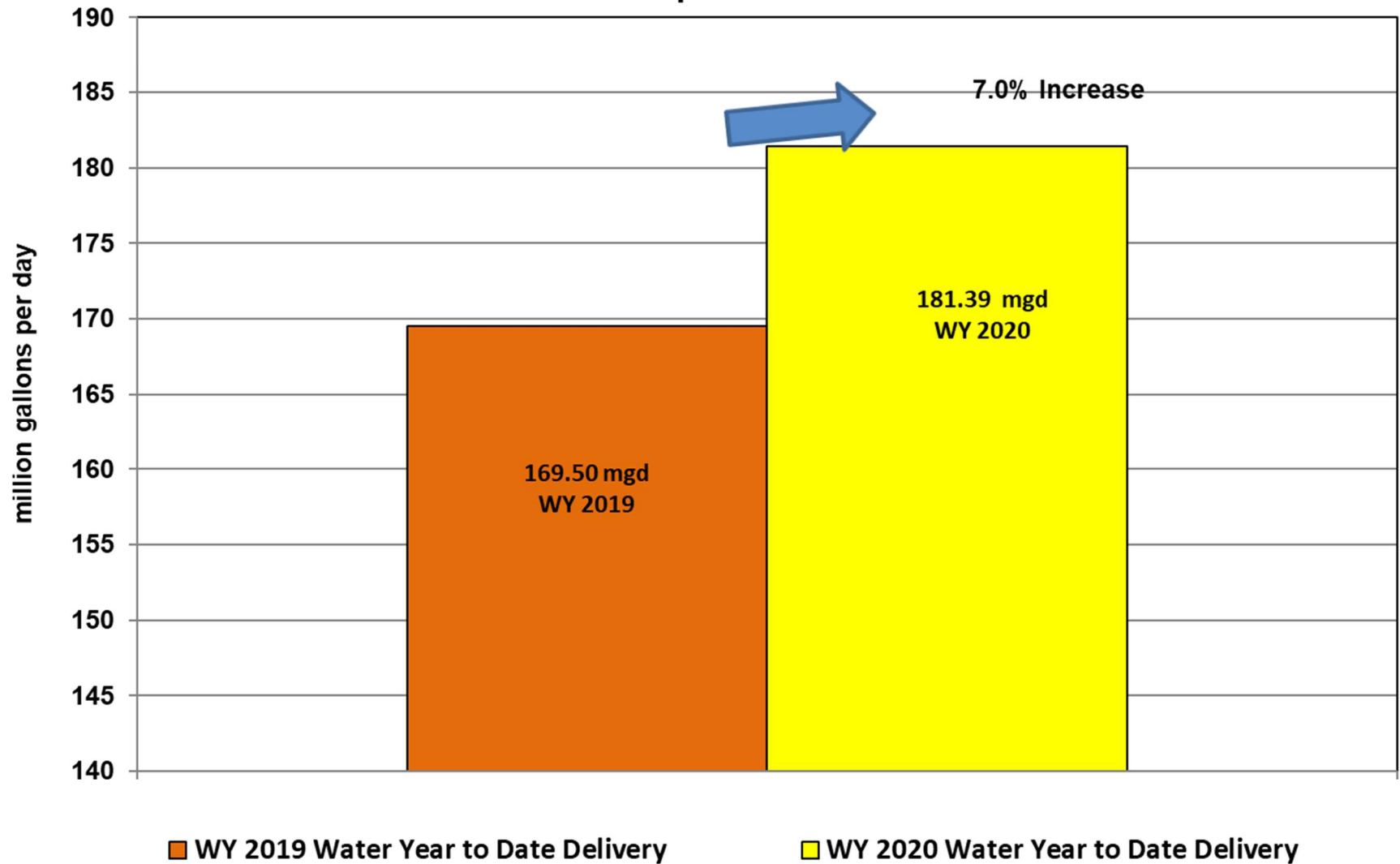
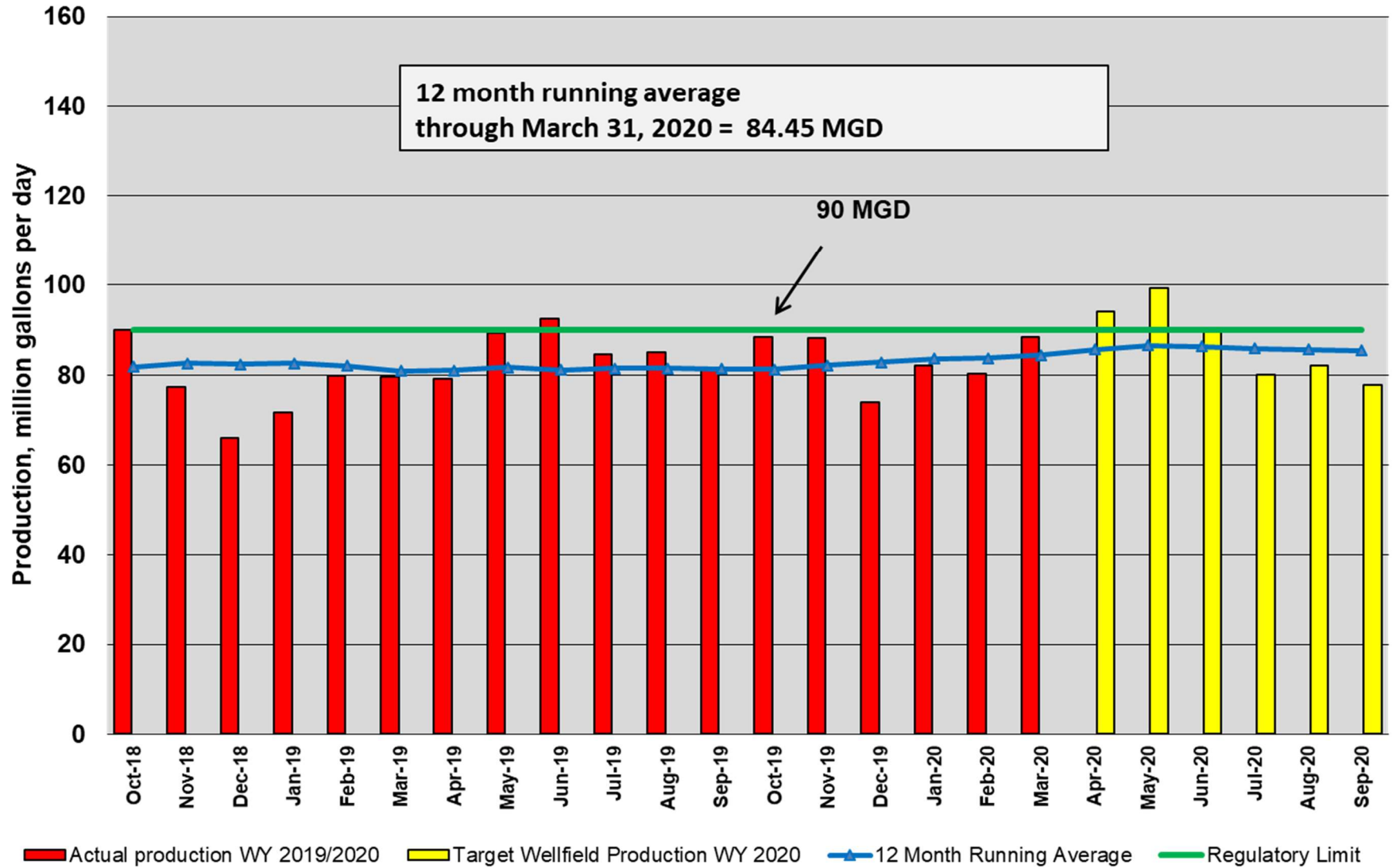


Figure 3. Consolidated Wellfield Production



DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Kenneth R. Herd, Chief Science and Technical Officer
SUBJECT: Water Quality Update - *Status Report*

SUMMARY

The bi-monthly Board of Directors Water Quality Update summarizes member government (member) water quality reports, compliance with Exhibit D water quality parameters and related activities, and other water quality issues and research. This update includes data from January – February 2020.

SUGGESTED ACTION

Status report and presentation – no action required

COST/FUNDING SOURCE

N/A

DISCUSSION

Tampa Bay Water monitors water quality for the regional system through sampling at member Points of Connection (POC), regulatory compliance sampling locations (identified in the Florida Department of Environmental Protection (FDEP)-approved Comprehensive Regional Water Quality Monitoring Plan), and online instruments. These data are reported through the Master Water Supply Contract Exhibit D process and regulatory compliance, and reports are provided to the members each month. **Tampa Bay**

Water is currently in compliance with all state and federal drinking water standards.

Staff from Tampa Bay Water, the members, and local regulatory agencies in the region meet monthly as the Water Quality Work Group to discuss water quality issues of local, regional and national concern. These discussions include member customer complaints, regulatory compliance, and water quality monitoring and distribution system activities. Updates on federal and state rule making, research and water supplies are shared by the participants. Pinellas County Utilities also coordinates a separate forum with their consecutive water systems on a quarterly basis.

EXHIBIT D WATER QUALITY COMPLIANCE

Water quality was a key part of the negotiations leading to the development of the agency's governing documents. The Interlocal Agreement and Master Water Supply Contract require Tampa Bay Water to deliver Quality Water to member government points of connection. Quality Water is defined as water that meets state and federal drinking water standards as well as additional parameters defined in Exhibit D, an attachment to the Master Water Supply Contract. These documents provided the funding and operational framework for the regional supplier to interconnect the members' previously stand-alone distribution systems. Each system was unique in age, layout, type of pipeline material used and treatments such as corrosion control, softening and fluoridation.

- The fundamental premise of the Master Water Supply Contract is to provide a common benefit at a common cost at defined delivery points.
- Regional compliance with Exhibit D water quality parameters establishes a common regional baseline for water quality which is important because Tampa Bay Water has no jurisdiction beyond the points of connection with the member government distribution systems.

Compliance with Exhibit D standards is based on a 12-month running annual average for sample data collected at each POC for 17 different parameters. Exhibit D standards were initially developed through expert input in 1998-1999 and were modified in 2004 to address additional treatment issues and concerns.

Exhibit D standards were met for all parameters and locations during this reporting period, except for turbidity at Cosme Water Treatment Plant Influent to St. Petersburg. Options to address turbidity have been discussed with the City's Director of Water Resources and St. Petersburg water quality staff. City staff indicated this is not a high-priority concern because the City provides lime softening and other treatment prior to distribution to their customers. Additional samples are planned for collection and analysis.

Total Sulfides exceeded Exhibit D Running Annual Average (RAA) of less than 0.1 mg/L from groundwater Well Fields at Maytum Water Treatment Plant Influent to New Port Richey. This location, however, is satisfied with a monetary credit per the Master Water Supply Contract.

EVALUATION OF EXHIBIT D WATER QUALITY

The “**Evaluation of Exhibit D Water Quality**” report, which included recommendations for further study and two rounds of comments by member governments, was approved by the Board on December 16, 2019. This study characterized current source water quality for the regional system, prioritized treatment locations, evaluated potential treatment approaches, and identified benefits and associated costs as highlighted below:

- Total organic carbon (TOC) and other water quality parameters could be lowered across the regional system by implementing treatment changes at various locations throughout the system. These changes would be expected to improve water quality for the entire region and provide a more consistent water quality at each point of connection.
- Adding water quality treatment for the regional system could help member governments manage water quality in their distribution systems by increasing disinfectant residual stability, reducing the potential for taste and odor issues and decreasing flushing volumes.
- Lower total organic carbon levels could reduce disinfection byproduct formation during free chlorine maintenance events, which are performed periodically by member governments.
- Preliminary estimated costs range from approximately \$125 million to \$210 million in capital costs and approximately \$5 million to \$13 million in annual operating costs to implement additional water quality treatment. The ranges depend on the desired level of total organic carbon reduction.
- These actions could result in a net savings of \$1-\$2 million per year collectively for the member governments for reduced flushing in their distribution systems.

Key Considerations

The report findings were based on assumptions about the regional water supply system and member government distribution systems. These assumptions need to be further tested and analyzed to refine water quality parameter levels and cost estimates.

Any consideration to changes in water quality parameters in Exhibit D would need to be completed after new treatment changes are constructed and operational across the system to ensure continued compliance.

Interim Implementation Activities

Tampa Bay Water began work to implement caustic addition at the South Pasco Water Treatment Plant, which is a recommendation identified in the “Evaluation of Exhibit D Water Quality” report. After further review of available data in March 2020, Tampa Bay Water staff concluded further treatability study would not be necessary to begin design. By accelerating this work, Tampa Bay Water can more quickly optimize chloramine formation in the regional transmission system and more importantly, aid in Hillsborough County’s effort to maintain distribution system residuals.

Tampa Bay Water also began an evaluation of options to relocate the City of Tampa’s point of connection upstream of the Morris Bridge Well Field. This evaluation is intended to enhance water quality blending with the City of Tampa’s existing surface water supply from the Hillsborough River.

By excluding the well field water, the regional water at the point of connection would more closely match the City of Tampa's distribution system water quality. Tampa Bay Water is currently developing piping options and associated cost estimates to complete this work. Once the options are defined, staff will meet with the City of Tampa to initiate development of a Memorandum of Understanding to identify funding obligations.

While these two projects are interim steps to enhanced water quality in the region, neither address the need to reduce disinfectant demand and DBP formation. Removal of TOC, along with the other priority water quality parameters, is the critical next step, which is identified in the "Evaluation of Exhibit D Water Quality" report and the subject of the additional studies sought at this time.

Next Steps

A preliminary scope and schedule to continue treatment evaluation efforts, and an invitation for member governments to participate on the engineering firm selection committee for this next study, were presented to member government Utility Directors in January 2020. All member governments agreed to assign representatives to the committee in February 2020.

Tampa Bay Water prepared a draft "Request for Qualifications and Scope of Work" in March 2020 that was submitted to member governments for review and comment. Receipt of all comments is pending as of this writing.

The draft scope included supplemental characterization, bench- and pilot-scale treatment performance testing, conceptual designs, updated capital and O&M estimated costs, potential implementation approaches and recommendations for treatment projects. The objective of this work is to lower total organic carbon (TOC), color, iron, sulfide, nitrate and calcium-hardness variability; and it will assess how the selected treatment processes for total organic carbon, etc., will also serve as barriers for constituents of emerging concern (CECs). In addition, the study will examine disposal options for waste streams from these evaluated treatment processes.

A revised schedule was developed in light of constraints imposed by the on-going coronavirus crisis. More time was included in the revised schedule to receive member government comments, allow responding firms additional time to remotely collaborate and prepare submittals for this comprehensive request for services and for selection committee members to remotely engage in procurement activities in accordance with the Consultant's Competitive Negotiations Act (CCNA).

In addition, the revised schedule recognizes member government and Tampa Bay Water representatives serving on the selection committee are working under unique circumstances with an emphasis on maintaining quality water production activities during these difficult times.

Accordingly, the revised schedule includes posting the advertisement for services in April 2020, receiving professional responses in June 2020, selection committee review and ranking followed by fee negotiations in July and presentation of the recommended scope, cost and engineering firm at the Board meeting on August 17, 2020.

Assuming approval in August 2020, the technical work could be completed by March 2022, depending on when pandemic conditions allows for resumption of activities without social-distancing requirements. During this time, member governments would receive periodic status reports and there would be meetings to discuss technical findings and for member governments to provide input on direction throughout the study. Updates will also be provided to the Board through memos and Board meeting presentations.

Assuming the technical work can be largely completed by March 2022, a three-month, deliberation period is envisioned for member governments to develop consensus recommendations on selection of different treatment projects and implementation timing. This would be followed by Board consideration and approval, which is projected for completion in June to August 2022.

The new study findings are scheduled to be available at the same time Master Water Plan project feasibility study findings will be done. This would allow these potential capital improvement projects and renewal and replacement projects to all be considered concurrently relative to debt service obligations.

WATER QUALITY WORKING GROUP MEETINGS

A Water Quality Working Group (WQWG) meeting was held on February 13, 2020. Minutes for this meeting are attached. Topics discussed at this meeting included monthly performance and status reviews. Tampa Bay Water discussed the reservoir, surface water sources and treatment plants and ground water sources and treatment. Members discussed bacteriological testing results, recorded customer water quality complaints and flushing volumes associated with distribution-system, water quality issues.

Additional topics discussed at these meetings included: Exhibit D compliance status, Exhibit D water quality study update, TOC on-line monitoring pilot program status, updates on the production well evaluation program (PWEPP), future use of total organic carbon constraints in OROP and collaborative water quality research with the WRF and an open discussion for all members to participate.

The meeting scheduled for March 12, 2019 was cancelled at the last minute because of growing coronavirus concerns at the time and prior to on-line meetings becoming an acceptable alternative for collaborative discussion. The next meeting is scheduled for April 9, 2020. The agenda for this meeting is attached.

REGIONAL FREE CHLORINE MAINTENANCE

Nitrification in a distribution system is typically the driver for periodic free chlorine maintenance activities, especially when flushing activities become excessive. Nitrification occurs in a distribution system when there is an observed loss of disinfectant residual. This is usually accompanied by increases in Heterotrophic Plate Count (HPC) organisms and nitrite concentrations as well as decreases in pH, alkalinity and dissolved oxygen. Conditions that promote the development of nitrification include water age, warm water temperature, and unstable chloramine formation.

Chloramines are best formed, and are more stable, under conditions that include adequate free chlorine contact time prior to the addition of ammonia, the correct chlorine to ammonia ratio, and high pH conditions (minimum 7.8 Standard Units). Managing water age in a distribution system by unidirectional flushing is also important. Unless flushing is planned and targeted, it will result in shifting problems in a distribution network as opposed to eliminating or managing them.

The value of performing a regional system free chlorine maintenance has been discussed at the WQWG meetings since December 2016. Members have historically expressed differing opinions on this issue. As described above, there were past discussions that a Regional Free Chlorine Maintenance Program could be beneficial. This concept was discussed at the Utility Directors meetings on June 4 and July 23, 2018.

A scope of work request was finalized for consultants to evaluate how best to plan for and implement a Regional Free Chlorine Maintenance Program. This scope was intended to also identify the program advantages and disadvantages as well as any potential unintended consequences. Arcadis was selected to perform this evaluation in late 2018, however, a decision was made to delay this work after completing the Exhibit D water quality study.

A consultant “kick-off” meeting was held on January 28, 2020. Arcadis presented the study scope and schedule at the WQWG meeting on February 13, 2020. Follow-up meetings were to be scheduled in March and April 2020; however, these meetings have been delayed because of the coronavirus crisis. Alternative on-line venues are being explored for sharing member government distribution system information.

ADDITIONAL WATER QUALITY UPDATES

Mosaic Water Loss Incident

On August 28, 2016, the FDEP was notified by Mosaic of a Water Loss Incident at its New Wales Facility in Polk County. Mosaic reported that immediate actions were taken to investigate and mitigate environmental impacts. Mosaic continues to recover ground water and all groundwater data show no movement of contaminated water outside the capture zone of the onsite recovery system.

On September 22, 2016, Tampa Bay Water staff retrofitted an existing deep aquifer water level monitor well with water quality sampling equipment and began sampling for a series of relevant water quality parameters. Results from all sampling events showed no issues or water quality concerns. This well is located midway between the South-Central Hillsborough Wellfield and the incident location.

On October 24, 2016, FDEP entered a consent order with Mosaic. This consent order required Mosaic to expand both on-site and off-site monitoring. Six of Tampa Bay Water’s monitoring wells located within a four-mile radius of the incident location were included in Mosaic’s off-site monitoring.

Monitoring from Mosaic’s on-site and off-site monitoring continually show the affected water to be successfully contained, with no evidence of off-site movement or threat to off-site ground water supplies. In addition, private drinking water wells tested and reported by Mosaic showed no impact.

With all data showing acceptable results, FDEP ended the required monitoring in 4th Quarter, 2019.

Coordination and discussions between Mosaic and agency staff continues. The most recent meeting held with Mosaic and FDEP was on December 10, 2019. Following this meeting, Mosaic shared water quality data from NPDES outfalls discharging to the North and South Prongs of the Alafia River and groundwater quality data from their sentinel monitoring wells that show continued hydraulic containment. Relevant information will be reported to the Board as available.

Red Tide

Red Tide is an environmental condition where nuisance algae species undergo massive population level increases. The species of algae most commonly identified in Gulf of Mexico Red Tide events is *Karenia brevis*. Population increases are linked to excess nutrient loading in the nearshore Gulf waters. These algae produce toxins (brevetoxins) that can cause a variety of health effects. Monitoring near the Desalination Facility continues to show no evidence of the problematic algae. Existing treatment at the Desalination Facility (coagulation/flocculation and reverse osmosis) would effectively remove brevetoxins to non-detectable levels. As an additional measure, the desalination facility could be shut down in the event of a proximate bloom.

Red Tide observations in the Tampa Bay area are monitored by Agency staff including sampling and reporting performed by Mote Marine Laboratory, the University of South Florida, Florida Fish and Wildlife Conservation Commission and the Environmental Protection Commission of Hillsborough County. Based on these data reports, informed and timely decisions can be made by the agency if the raw seawater supply is threatened. No red tide-related threats to the Desalination Facility have been identified to date.

Research and Stakeholder Activities

Tampa Bay Water engages in drinking water quality and regulatory compliance-related research efforts with the Water Research Foundation and others to address utility treatment needs and/or regulatory requirements. Tampa Bay Water staff are currently participating in the following water quality projects and committees:

- AWWA / ANSI G300 Standard Committee – Source Water Protection
- National Science Foundation – Disinfection Byproducts Formation in Desalination Plants
- National Science Foundation – Microbial Degradation of Contaminants on GAC Media
- National Science Foundation – Regulated and Emerging Halogenated DBPs in Distribution Systems
- USEPA – Online Water Quality Monitoring Forum and Steering Committee
- Water Research Foundation (WRF) 4711 – Bromide/Iodide Occurrence Survey in Water Supplies
- WRF 4748 – Evaluation of Risk Management Systems for Managing Source Water Risks
- WRF 4907 – Leading Water Utility Innovation
- WRF 4920 – Decision Support Framework for Drinking Water Treatment Plants
- WRF 4953 – Blending Strategies for Drinking Water System Integration with Alternate Supplies

- WRF Leaders Innovation Forum for Technology (LIFT) – Drinking Water
- WaterSuite Users Group – Source Water Monitoring and Assessment (public/private utilities)

UPDATES FROM MEMBER GOVERNMENTS

Tampa Bay Water receives monthly updates from the Members on customer complaints, compliance, monitoring, and other relevant distribution system information. These data provide the Agency and its Members the baseline information needed to evaluate water quality issues and concerns related to the regional water sources and treatment practices.

Updates included in this report are based on information and data provided by members at the February 2020 meeting and in preparation for the March 2020 meeting; attached Tables 1-3 include 2017-2019 data for total coliform rule compliance, customer complaints and distribution system flushing.

Table 1. Regional Total Coliform Rule Compliance (percent positive samples) provides a summary of Total Coliform Rule compliance data for members.

Table 2. Customer Water Quality Complaints received by Members (not normalized for population served) provides a summary of customer complaint data collected by members.

Table 3. Distribution System Flushed Water (reported in million gallons per month, not normalized for production) summarizes the reported quantities of water flushed for distribution system maintenance by the members.

No compliance issues were reported by the members or their consecutive systems for this reporting period. For customer complaint and system maintenance-flushing data, note that these data are not normalized for total population or production but provide a relative indicator of water quality and distribution system activity.

Hillsborough County – February 2020

- Total Coliform Rule
 - North: 0 positive out of 120 samples (0%)
 - South: 3 positive out of 189 samples (1.59%)
- Customer Complaints
 - North: 13, mostly pressure
 - South: 68, mostly odor and pressure
- System Flushing
 - North: 6.85 million gallons (MG)
 - South: 16.20 million gallons (MG)

County staff reported maintaining residuals and consistent water quality in the North. The County continues to observe an increase in low-pressure complaints in the South primarily during mornings.

Pasco County – February 2020

- Total Coliform Rule: 0 positive out of 150 samples (0%)
- Customer Complaints: 11, mostly odor and sand
- System Flushing: 38.14 MG

Pasco County staff continues to report progress in maintaining disinfectant residuals and reducing flushing volumes. The county may conduct a free chlorine maintenance pilot study program.

Pinellas County – February 2020

- Total Coliform Rule: 2 positives out of 216 samples (0.93%)
- Customer Complaints: 45 mostly customer issues and rusty water
- System Flushing: 13.90 MG

The County reports good distribution water quality. In 2019, the county performed free chlorine maintenance from April 22 to May 9 and September 23 to October 12. A similar schedule is planned for 2020. Water supplies have and will continue to be coordinated with Tampa Bay Water staff to minimize potential total organic carbon (TOC)-related issues during these maintenance periods.

City of New Port Richey – February 2020

- Total Coliform Rule: 0 positive out of 41 samples (0%)
- Customer Complaints: 0
- System Flushing: 0.78 MG

No system water quality problems, distribution system challenges, or compliance issues were identified.

City of St. Petersburg – February 2020

- Total Coliform Rule: 0 positives out of 180 samples (0%)
- Customer Complaints: 42 mostly customer issues
- System Flushing: 4.8 MG

No system water quality problems, distribution system challenges, or compliance issues were identified.

City of Tampa – February 2020

- Total Coliform Rule: 0 positive out of 240 samples (0%)
- Customer Complaints: 22, mostly odor
- System Flushing: 15 MG

The City completed maintenance work being done on their ozone facility and discontinued receiving supplemental supply at Morris Bridge from Tampa Bay Water when the work was completed. City staff indicated that they were satisfied with the water quality provided by Tampa Bay Water during this time.

BACKGROUND

N/A

Attachments

WQWG Meeting started 1:30 pm - Attendance list attached

1. HANDOUTS

- a) Member Government monthly data
- b) February 2020 WQWG Agenda Packet
- c) Arcadis Memo Concurrent Free Chlorine Maintenance in the Regional and Member Government Systems – Data Request
- d) Arcadis Scope of Work – Considerations for Concurrent Free Chlorine Maintenance in the Regional and Member Government Systems
- e) Exhibit D Water Quality Study 2020-2021 – Preliminary Scope/Schedule

2. SYSTEM UPDATES

- a) Reservoir – 14.5 BG
- b) Desal – Started up in January 2020 – now running at 12 MGD
- c) Regional SWTP – 70 MGD
- d) Wellfields – 111 MGD – increased from supplying the City of Tampa with 20 MGD

3. UPDATES FROM MEMBER GOVERNMENTS

Hillsborough County

- a) January 2020 TCR Reporting North Service Area 0 TCP out of 120 samples – 0%
- b) January 2020 TCR Reporting South Service Area 1 TCP out of 183 samples – 0.55%
- c) January 2020 Complaint Report North Service Area 17 complaints, mostly pressure
- d) January 2020 Complaint Report South Service Area 46 complaints, mostly pressure
- e) January 2020 Flushing Report North Service Area – 8.44 MG
- f) January 2020 Flushing Report South Service Area – 11.66 MG

City of New Port Richey

- a) January 2020 TCR Reporting – 0 TCP out of 41 samples 0%
- b) January 2020 Complaint Report – 3 – color and scaling
- c) January 2020 Flushing Report – 1.465 MG (0.78 MG from auto flushers)
- d) Work continues on new fluoride system and aerator screen repairs

Pinellas County

- a) January 2020 TCR Reporting – 0 TCP out of 210 samples – 07%
- b) January 2020 Complaint Report – 58 received mostly rusty water and customer-owned piping system issues
- c) January 2020 Flushing Report – 10.7 MG – (6.1 MG from auto flushers)

Pasco County

- a) January 2020 TCR Reporting – 0 TCP out of 150 samples – 0%
- b) January 2020 Complaint Report – 3 received; mostly odor
- c) January 2020 Flushing Report – 69.4 MG – (67.9 from auto flushers)
- d) Flushing numbers slightly higher than prior two months but lower than before.
- e) Pasco County is continuing efforts to decrease flushing volumes.
- f) Pasco County is developing a process to evaluate distribution system performance in quadrants. Increased chloramine concentrations will be evaluated this way.

City of St. Petersburg

- a) January 2020 TCR Reporting – 0 TCP out of 180 samples – 0%
- b) January 2020 Complaint Report – 47 received, mostly customer issues
- c) January 2020 Flushing Report – to be submitted later
- d) City of St. Petersburg has been preparing for a chlorine risk management inspection.
- e) City is finalizing new SOPs throughout the water division.

City of Tampa – no member present

- a) January 2020 TCR Reporting – 1 TCP out of 243 samples 0.41%
- b) January 2020 Complaint Report – 27 complaints, mostly odor
- c) January 2020 Flushing Report – 16.961 MG (15.624 MG from auto flushers)
- d) City of Tampa is having work done on their ozone facility, which impacts their water delivery.
- e) City of Tampa is receiving supplemental supply from Tampa Bay Water during this time.

4. EXHIBIT D UPDATE

Monthly Report

- a) Turbidity at COSMEINF Point-of-Connection (POC) was 1.19 NTU. The running annual average (RAA) was 1.33 NTU. This exceeds the Exhibit D limit of <1 NTU.
- b) Tampa Bay Water is working with the City of St. Pete to address turbidity.

5. WATER QUALITY STUDY

- a) Utility Directors and Tampa Bay Water met on January 24, 2020 to discuss steps forward. Tampa Bay Water presented a preliminary scope outline and schedule.
- b) A scope modification was made to calcium hardness removal. The focus would be on controlling variability instead of the limit stated in the 2019 Water Quality Study.
- c) City of Tampa also requested calcium, alkalinity and pH be similar to their primary supply when requesting supplemental supply from Tampa Bay Water.
- d) A draft scope will be sent out to consultant selection committee and water quality work group members for review and comments before being posted for advertisement.
- e) The Utility Directors designated the following individuals to participate on the consultant selection committee with Tampa Bay Water:
 - Hillsborough County – Luke Mulford
 - Pasco County – Kim Rogers
 - Pinellas County – Joe Graham
 - New Port Richey – Greg Wikholm
 - City of St. Petersburg – Tony Minette
 - City of Tampa – Michael Gerdjikian
- f) Tampa Bay Water committee members will be Jack Thornburgh and Jon Kennedy.
- g) Steve Fleischacker serve as the Project Manager. He will not be on the committee.
- h) Regina Kavanagh, Tampa Bay Water Purchasing Specialist, will lead the procurement.

6. REGIONAL FREE CHLORINE MAINTENANCE STUDY

- a) Arcadis presented the planned scope and schedule for this work.
- b) Monthly progress meetings would likely be held during the WQWG meetings. The 1st progress meeting will present the historical data and literature review findings. The 2nd will present initial recommendations for regional free chlorine conversion.
- c) It was decided at the WQWG meeting that Arcadis would have sit-down meetings with each Member Government to obtain and review the data needed for this project.
- d) Member government contacts were preliminarily identified by WQWG attendees but these contacts will be confirmed with follow-up correspondence.
- e) A draft Technical Memorandum will be provided by Arcadis within 3 months.
- f) Additional recommendations offered by WQWG participants: (i) members to provide their lead/copper/DBPs compliance monitoring schedules, incl. consecutive systems; (ii) Arcadis to discuss risk assessment matrix earlier in the project than presented; (iii) Arcadis to address project's water-conservation benefit; and (iv) WQWG to prepare a separate memo regarding the water-conservation benefits.

Next WQWG Meeting March 12th at 1:30p at Cypress Creek Magnolia IEM Bldg.

Board of Directors

Dave Eggers
Ron Oakley
Rob Marlowe
Charlie Miranda
Sandra Murman
Kathleen Peters
Darden Rice
Mariella Smith
Kathryn Starkey

General Manager
Matthew W. Jordan

General Counsel
Barrie S. Buenaventura
Conn & Buenaventura, P.A.

TO: Water Quality Work Group

FROM: Steve Fleischacker, Water Quality Services
Tampa Bay Water

DATE: April 3, 2020

RE: WQWG Meeting Agenda – April 9th On-line Meeting

A. INTRODUCTORY REMARKS

1. Welcome
2. COVID-19 Operating Conditions
3. On-line WQWG Meetings

B. WATER DELIVERY

1. Tampa Bay Water System Update
 - a. Reservoir
 - b. RSWTP
 - c. Desal
 - d. Well Fields
2. Member Government Updates
 - a. Customer Complaints
 - b. Flushing
 - c. Chlorine Maintenance Events
 - d. Distribution System Observations

C. WATER TREATMENT

1. Exhibit D
 - a. Performance
 - b. 2020-049 Water Quality Study (WQS, 2020-2021)
 - i. Request for Qualls and Scope – Status
 - ii. Updated Schedule
2. Chloramine Stability
 - a. Chlorine, Ammonia and pH Considerations
 - b. Caustic Addition at South Pasco WTP
 - i. 2019 WQS Recommendation
 - ii. Increase Chloramine Residual Stability
3. Regional Free Chlorine Maintenance Study – Status

D. SOURCE WATER ASSESSMENT AND PROTECTION

1. Surface Water
 - a. Continuous Water Quality Monitoring
 - b. New Sites/New Equipment
 - i. TBC
 - ii. Alafia River
2. Alafia Fluoride Evaluation
 - a. Sources and variable conditions
 - b. Environmental chemistry and dynamics
 - c. Additional data needs
3. Alafia Watershed Grant Proposal
 - a. Multi-partner Restoration Plan for Historically Mined Lands
 - b. Water Quality and Habitat Improvements
4. Wellfields
 - a. New Aquifer Vulnerability Screening Method
 - b. Potential Contamination Sources (PCS) Inventory Update
5. CECs/PFAS
 - a. Updating RSWTP Treatment Barrier Assessment
 - b. Updating Regional PFAS Sources Inventory
6. WaterSuite GIS Platform
 - a. Incorporating PCS Inventory Updates
 - b. Data Layer Updates and Tool Refinements
 - c. Land Use Change and Development Reviews

E. OTHER TOPICS

** At discretion of WQWG participating members **

F. FUTURE MEETINGS – MONTHLY – 2nd THURSDAY AT 1:30 PM

WQWG Meeting

Thu, Apr 9, 2020 1:30 PM - 3:30 PM (EDT)

Please join the WQWG meeting from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/833962117>

Please select “Phone call” to minimize audio lag time for our large group.

United States (Toll Free): 1 866 899 4679

Access Code: 833-962-117#

Audio PIN: 2#

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<https://global.gotomeeting.com/install/833962117>

*** We will return to the Magnolia Room, CYC IEM Building as soon as the COVID-19 crisis ends ***

DATE: April 2, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Kenneth R. Herd, Chief Science and Technical Officer
SUBJECT: Hydrologic Conditions Update - *Status Report*

SUMMARY

The following report summarizes water production and hydrologic conditions in the three-county Tampa Bay area (Tri-county area) during February 2020, March 2020 and the past 12-Month period (April 1, 2019 through March 31, 2020).

SUGGESTED ACTION

Receive Status Report

COST/FUNDING SOURCE

N/A

DISCUSSION

Rainfall

Tampa Bay Water monitors daily rainfall at numerous sites on and near our water supply facilities. The data discussed in this report are collected at seven of Tampa Bay Water's regional wellfields and at the Tampa Bypass Canal. These data are compared to historical rainfall data to help assess the current hydrologic conditions near our wellfields and surface water sources. These data assessments help guide

the Agency's supply management decisions and enhance our ability to coordinate and communicate with our Member Governments and regulators. The rainfall data are summarized below and presented geographically in Figures 1 through 3.

- Tri-county rainfall during **February 2020** ranged from 1.6 to 4.1 inches and **averaged 0.9 inch below** the historical average for the month, based on wellfield sites.
- Tri-county rainfall during **March 2020** ranged from 0.0 to 0.3 inch and **averaged 3.9 inches below** the historical average for the month, based on wellfield sites.

Tri-county rainfall based on wellfield sites during the 12-month period ending March 31, 2020 ranged from 43.5 to 70.1 inches depending on location and **averaged 3.0 inches above** the historical 12-month average. The rainfall data is accurate for the specific sites shown; however, there is much variability in annual rainfall over the Tri-county area. Average rainfall is reported as a general trend and does not indicate hydrologic conditions in any specific region or surface water basin.

Water Resource Production

Water production data from Tampa Bay Water's permitted resources for February 2020 and March 2020 are summarized below and provided in additional detail in Table 1 and Figures 4 and 5. The Regional Water Supplies and Member Demands Agenda Item included in this Board Agenda Packet contains further information regarding water supply conditions.

- The Consolidated Permit (11 wellfields) 12-month running average production for the period ending March 31, 2020 was 84.5 million gallons per day (mgd) compared to the 90 mgd permit limit.
- The South-Central Hillsborough Regional Wellfield 12-month running average production for the period ending March 2020 was 23.32 mgd compared to the 24.1 mgd permit limit.
- The average Tampa Bay Water source water distribution for the past 12 calendar months was:
 - Groundwater – 113.7 mgd (63.0% of total);
 - Surface Water – 59.8 mgd (33.1% of total); and
 - Seawater Desalination – 7.1 mgd (3.9% of total).

Environmental Conditions

Tampa Bay Water closely monitors the environmental conditions around Agency wellfields and these data are used to guide production and wellfield management decisions. Figure 6 depicts the locations of selected Upper Floridan Aquifer monitor sites and lake or wetland sites. A summary of observed conditions in and around the 11 Consolidated Permit Wellfields is provided in Figures 7 through 16. These figures show pumping and rainfall at wellfields for the past 22 years as well as water-level data from the Upper Floridan Aquifer and a lake or wetland located on or near that wellfield. A reference line on the lake and wetland hydrographs shows the lake minimum level or the normal pool elevation in the wetland. The normal pool elevation of a wetland is the water-surface elevation that is normally reached at the end of the rainy season during an average rainfall year. This is typically the highest water level reached in a wetland during an average rainfall year; water levels are expected to fluctuate below

this elevation during the year.

Water levels in lakes and wetlands respond more directly to changes in rainfall than does the Floridan Aquifer. Many lakes and wetlands recovered to normal or above-normal levels during 2012 due to high rainfall totals during the summer months. Water levels in these lakes and wetlands have generally fluctuated within their normal water level ranges since 2012 with notably higher water levels during summer 2015 and lower water levels during the winter and spring of 2016/2017. With the above-normal rainfall in the summer months of 2017, surface water levels returned to high or very high conditions. Even with substantially reduced groundwater production, because of the strong relation to rainfall conditions, water levels in some lakes and wetlands on and near wellfields will exhibit normal water level fluctuations *only* as rainfall occurs in normal or above-normal amounts. With a sustained reduction in groundwater pumping and normal rainfall, water levels in area lakes and wetlands should more closely approximate normal water-level fluctuations.

General water-level changes are summarized as follows:

- Groundwater levels generally **decreased about 0.8 foot** during February 2020.
- Groundwater levels generally **decreased about 1.1 feet** from February 2020 to March 2020.
- Groundwater levels in March 2020 were generally **1.9 feet lower** than in March 2019.
- Average water levels in the 10 indicator lakes and wetlands located on and near Consolidated Permit Wellfields **decreased 3.6 inches** during February 2020 and **decreased 8.1 inches** during March 2020 (based on data collected throughout the month, not necessarily end-of-month).
- Average water levels in the 10 indicator lakes and wetlands in March 2020 were about 13.8 **inches lower** than water levels in March 2019.

Enhanced Surface Water System

Tampa Bay Water's Enhanced Surface Water System is comprised of surface water withdrawals from the Alafia River, Hillsborough River and Tampa Bypass Canal, and the C.W. Bill Young Regional Reservoir. Current hydrologic conditions in the Hillsborough and Alafia Rivers are summarized below.

Figures 17 and 18 illustrate surface water conditions in the two river sources.

- Flow in the Alafia River at Bell Shoals was 37% **below** normal in February 2020 and 65% **below** normal in March 2020.
- Flow in the Hillsborough River was 35% **below** normal in February 2020 and 71% **below** normal in March 2020.
- Information regarding withdrawal from the Tampa Bypass Canal is included in the Regional Water Supplies and Member Demands Agenda Item in this Board Agenda Packet.

BACKGROUND

Attachments

February 2020 Rainfall

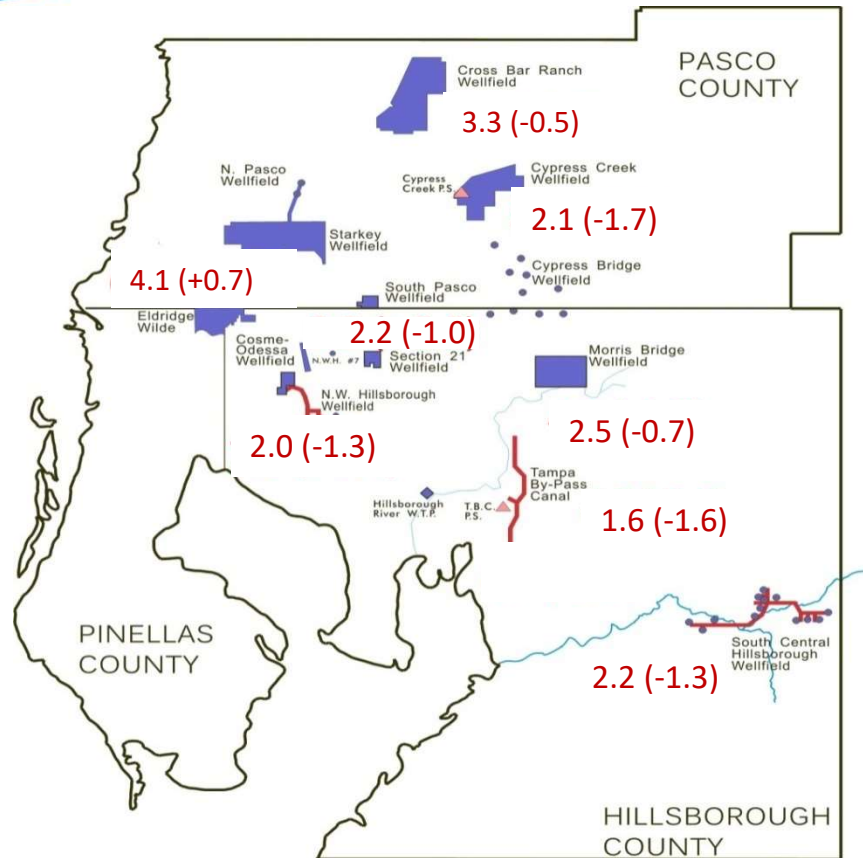


Figure 1

**2.2 Example of Actual
Monthly Rainfall**

**(-1.3) - Variance From
Normal (NOAA)**

March 2020 Rainfall

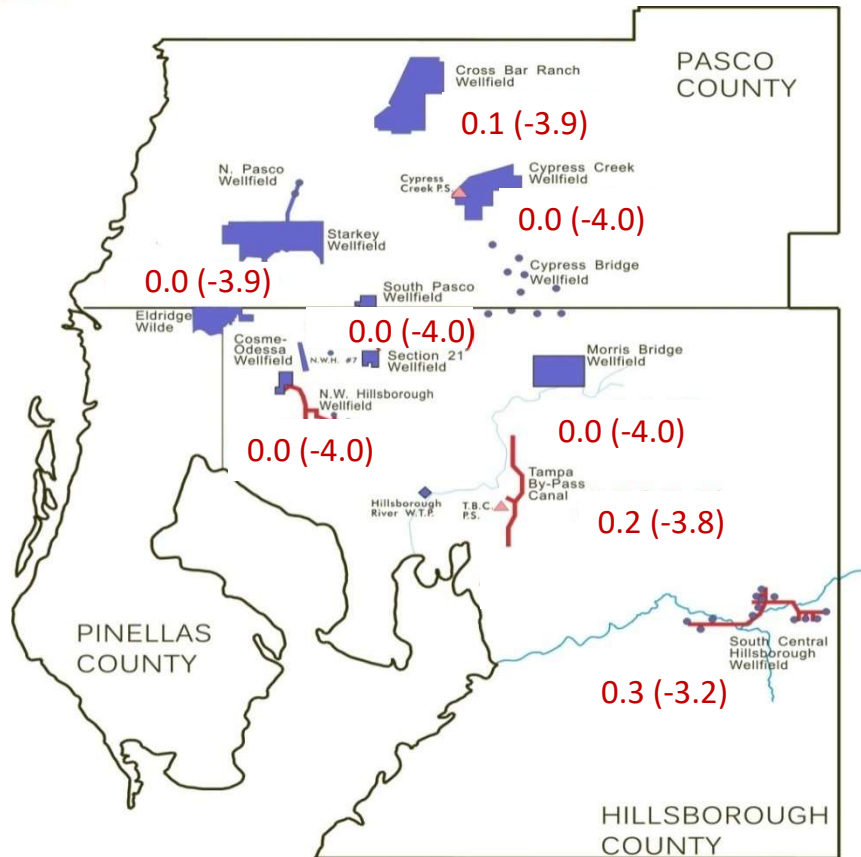


Figure 2

**0.3 Example of Actual
Monthly Rainfall**

**(-3.2) - Variance From
Normal (NOAA)**

Cumulative Rainfall For The Past 12 Months (April 1, 2019 Through March 31, 2020)

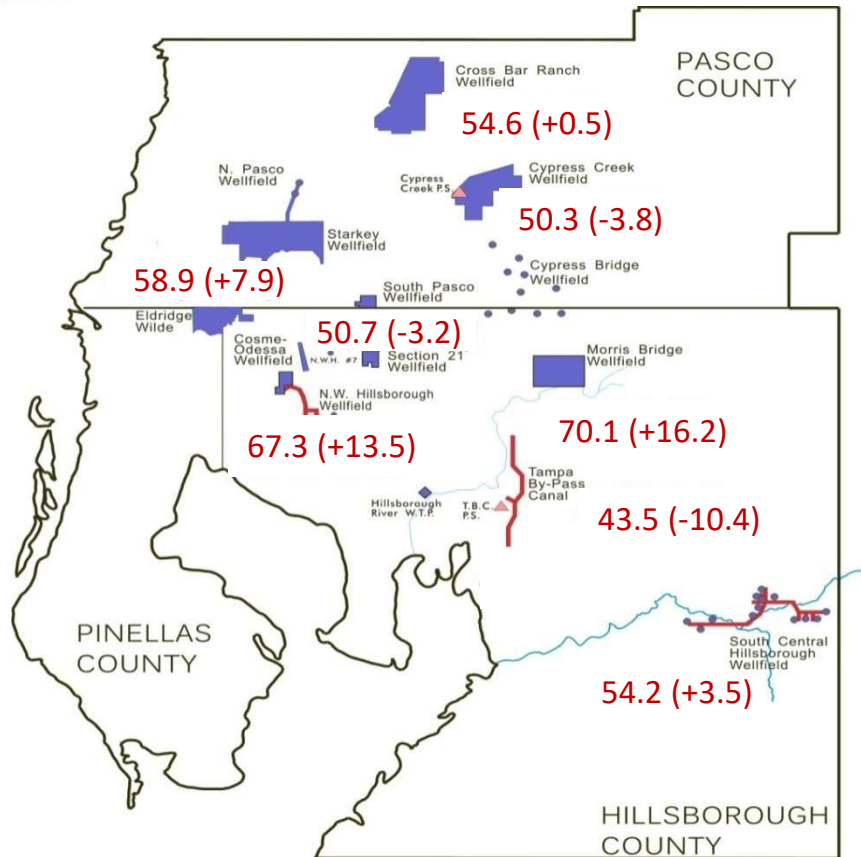


Figure 3

**54.2 Example of Actual
Monthly Rainfall**

**(+3.5) - Variance From
Normal (NOAA)**

12 Month Running Average and Monthly Production - Consolidated WUP Wellfields

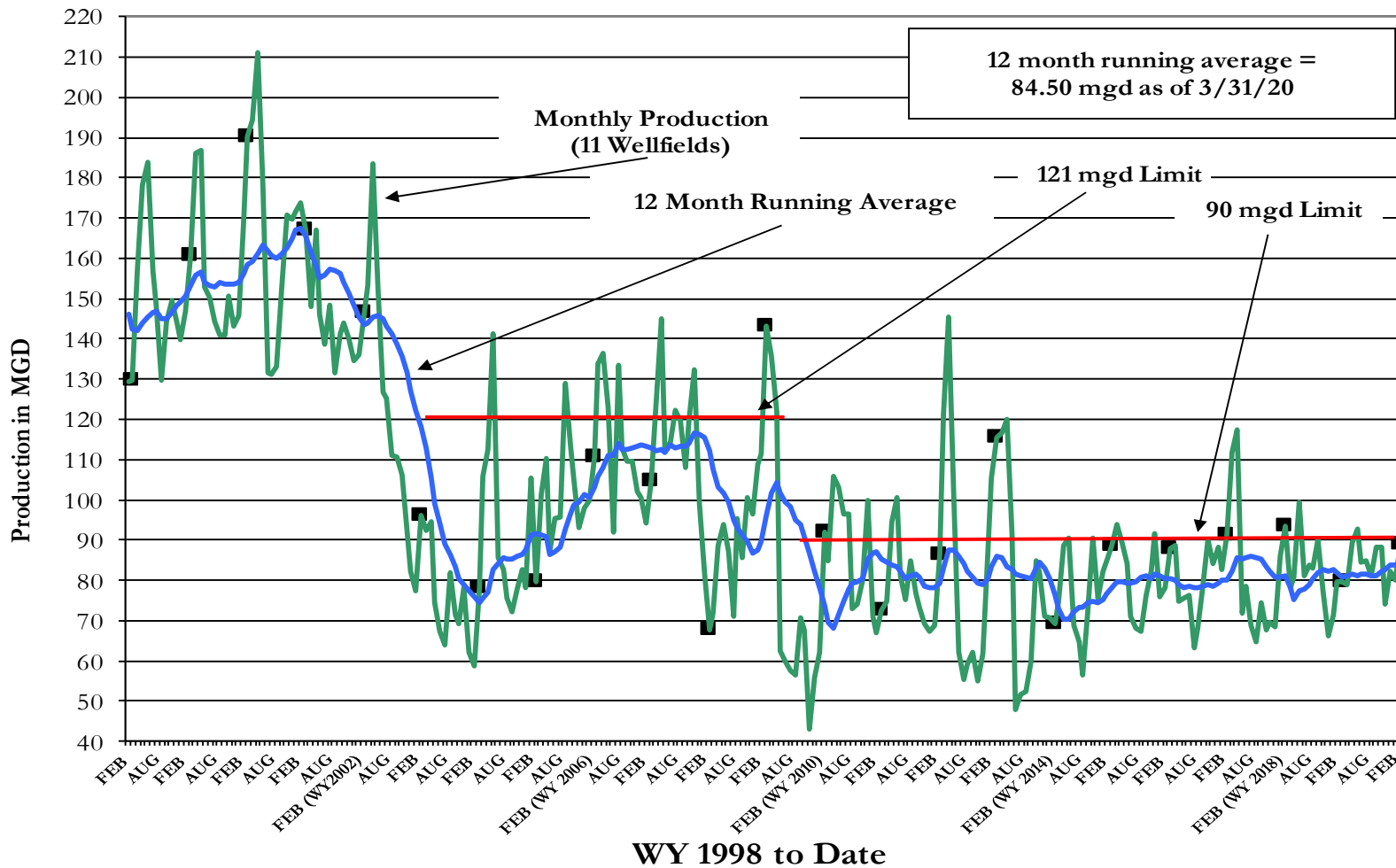
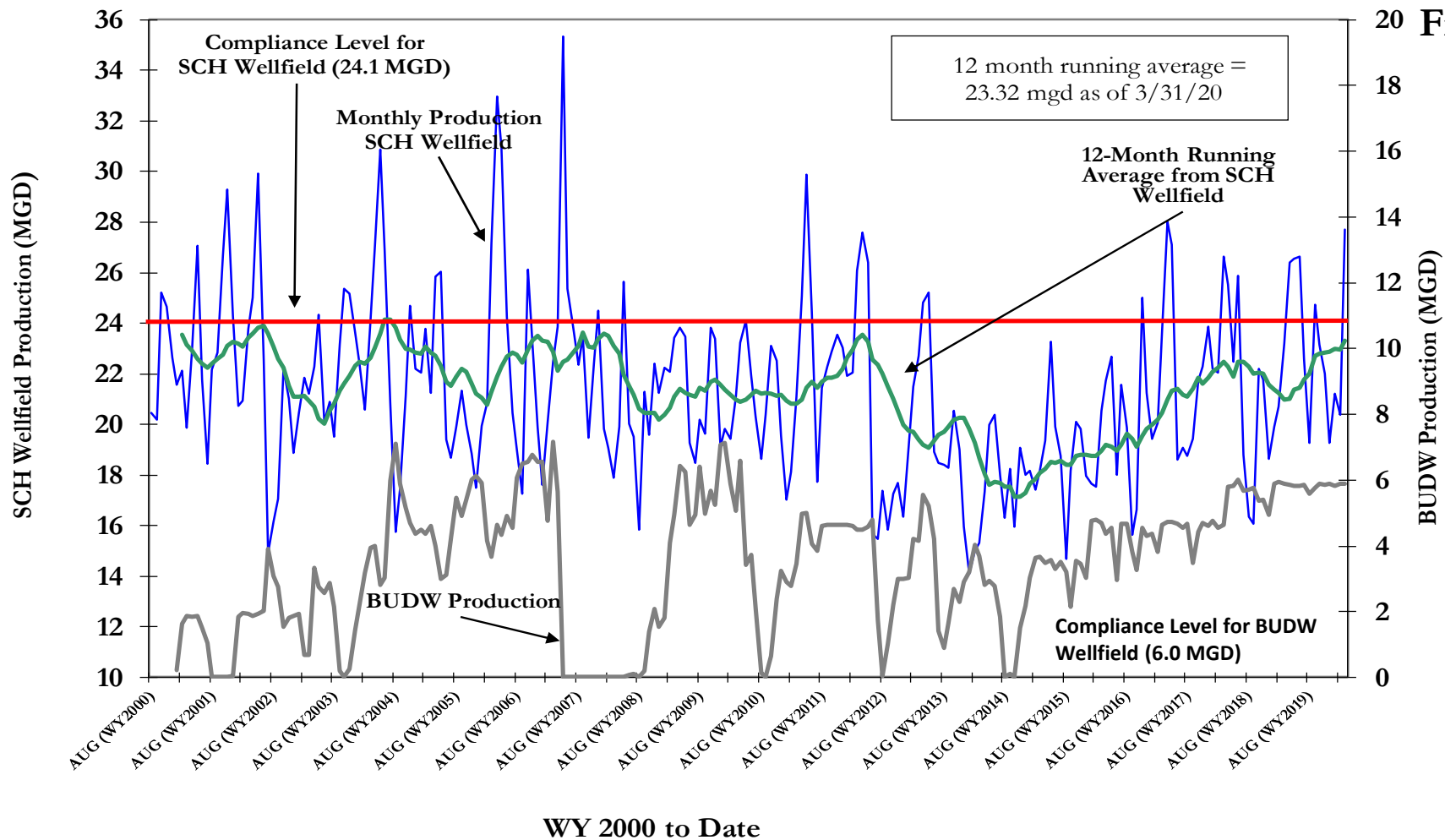


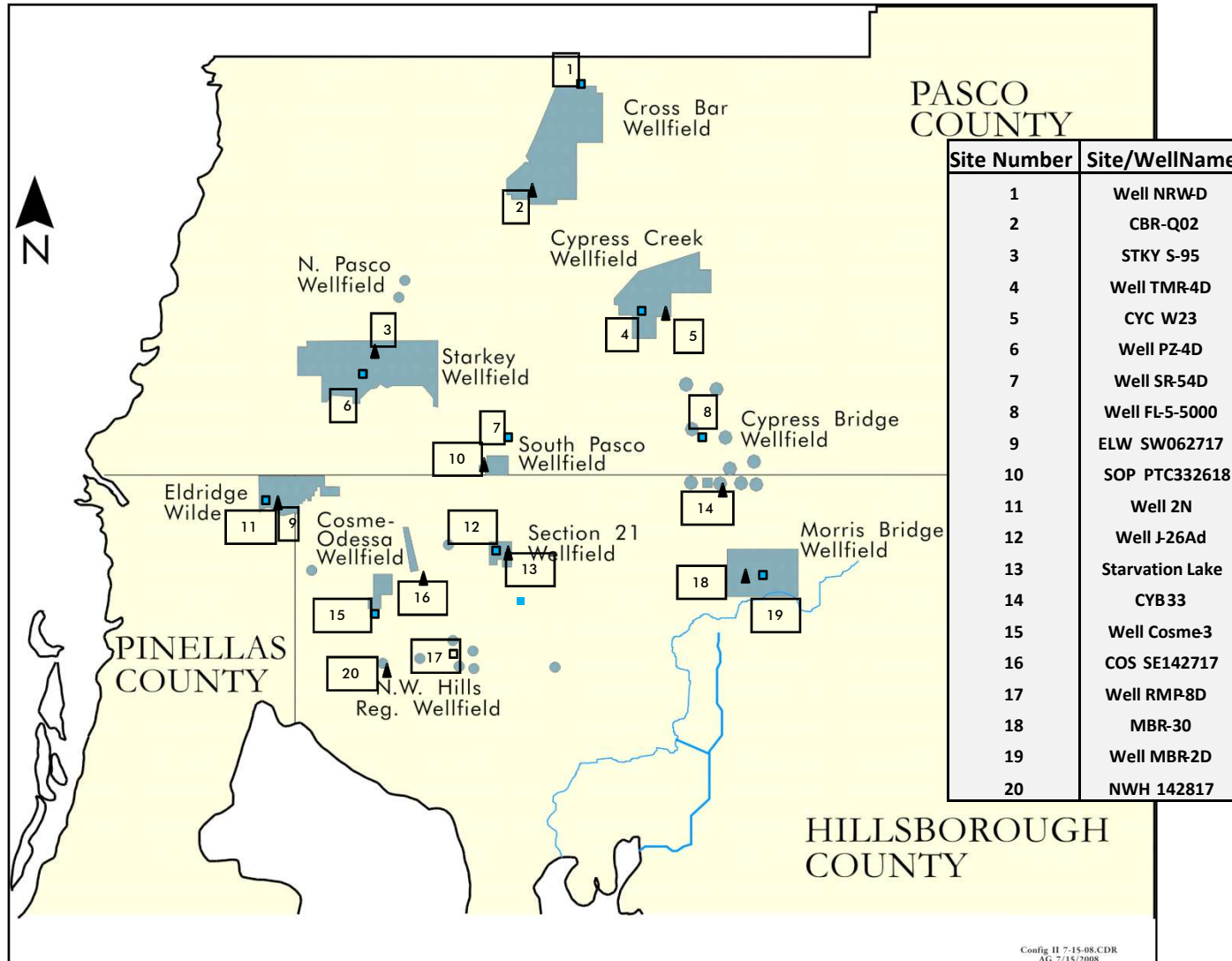
Figure 4

South Central Hillsborough Service Area Demand and Supply



Monitoring Site Location Map

Figure 6

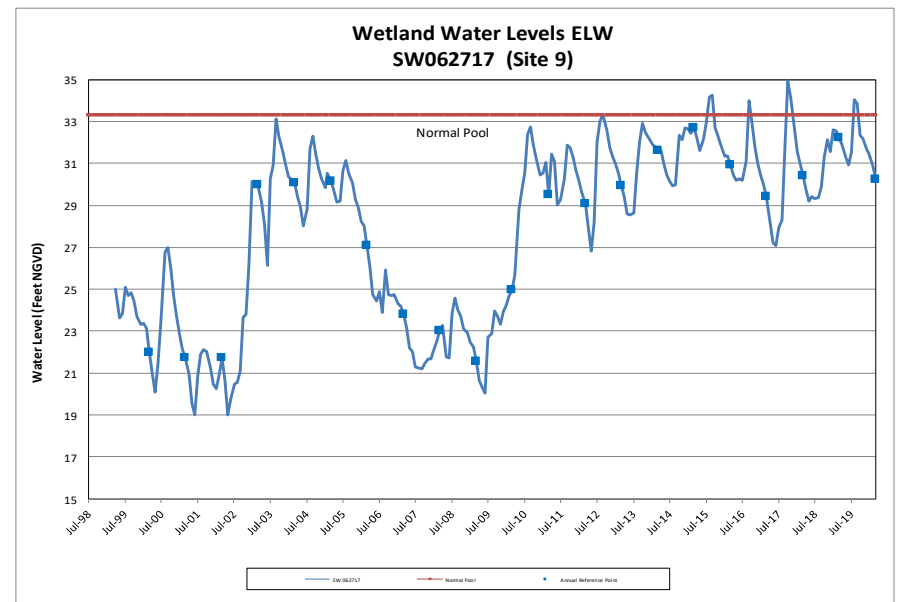
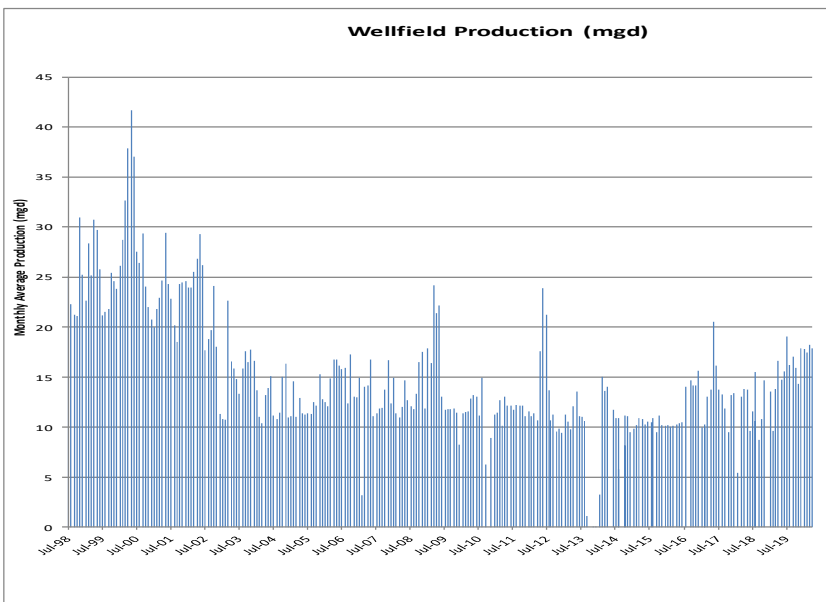
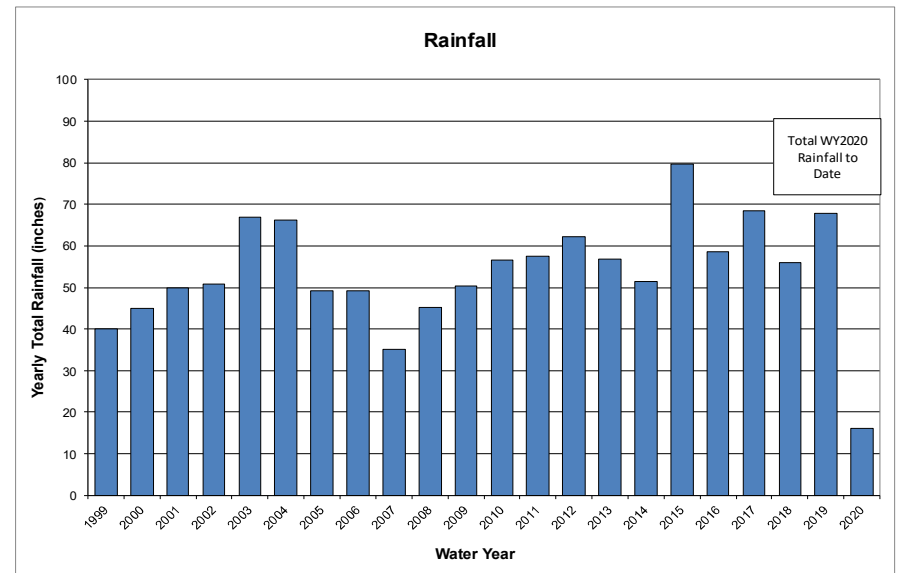
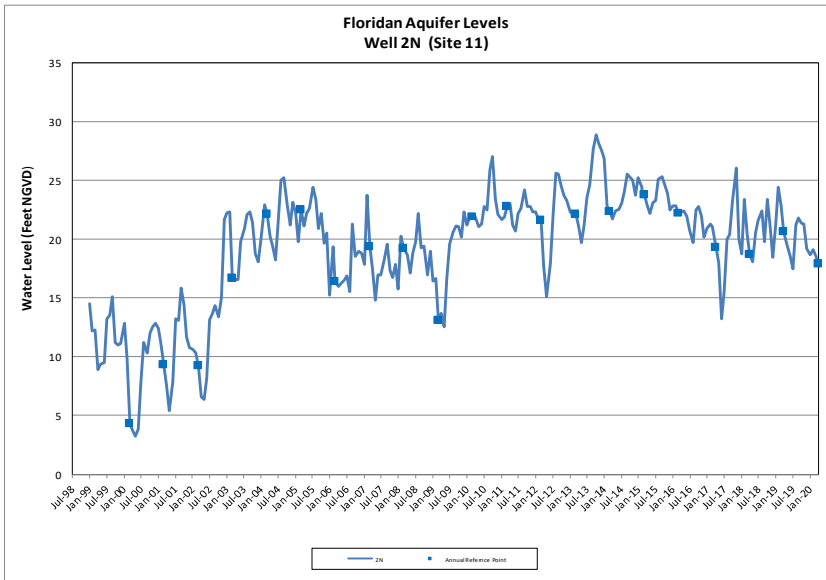


Flordan Monitoring Well Site
 Surface Water Monitoring Site

Config II 7-15-08.CDR
AG 7/15/2008

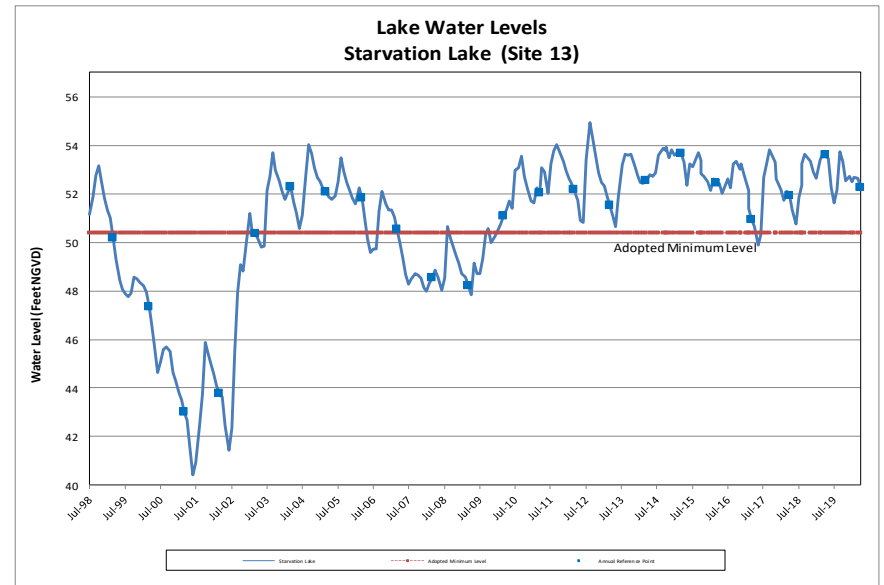
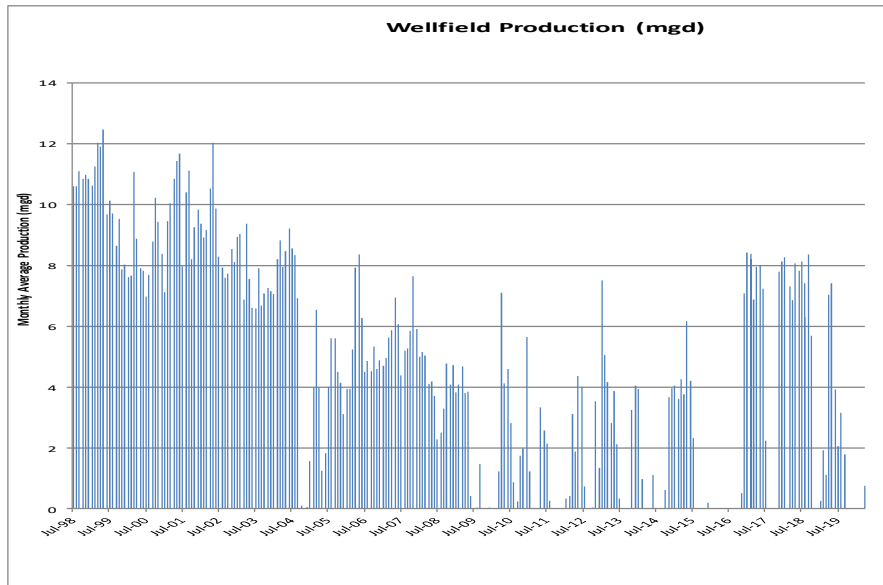
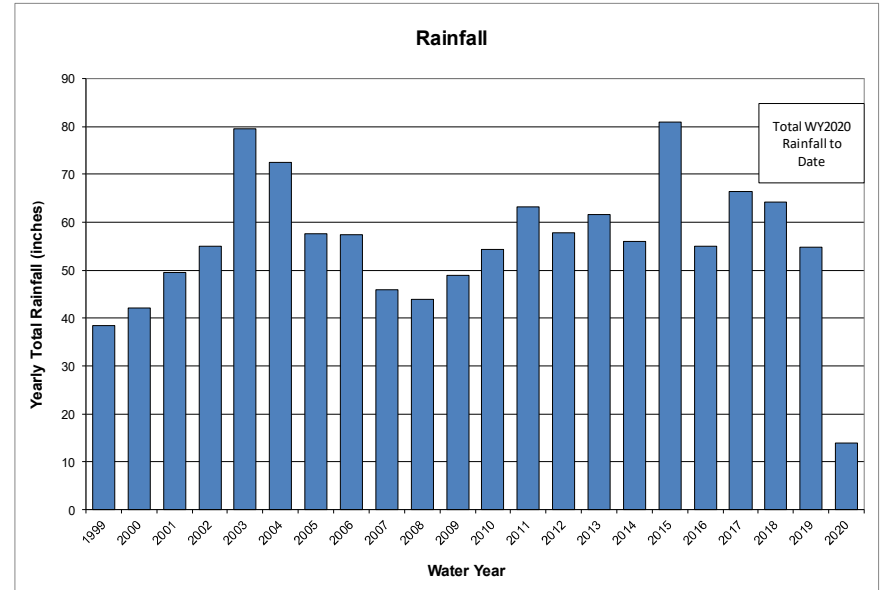
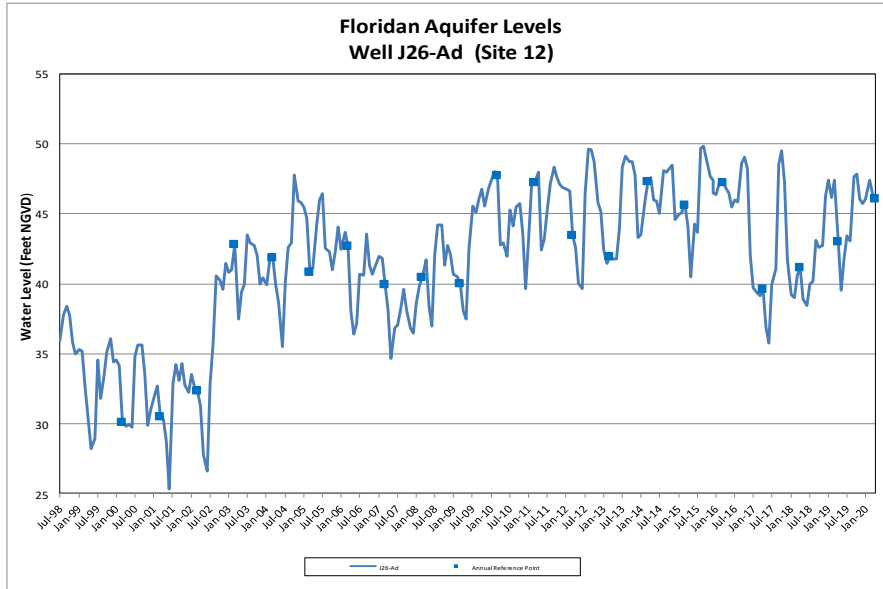
Eldridge Wilde Wellfield

Figure 7



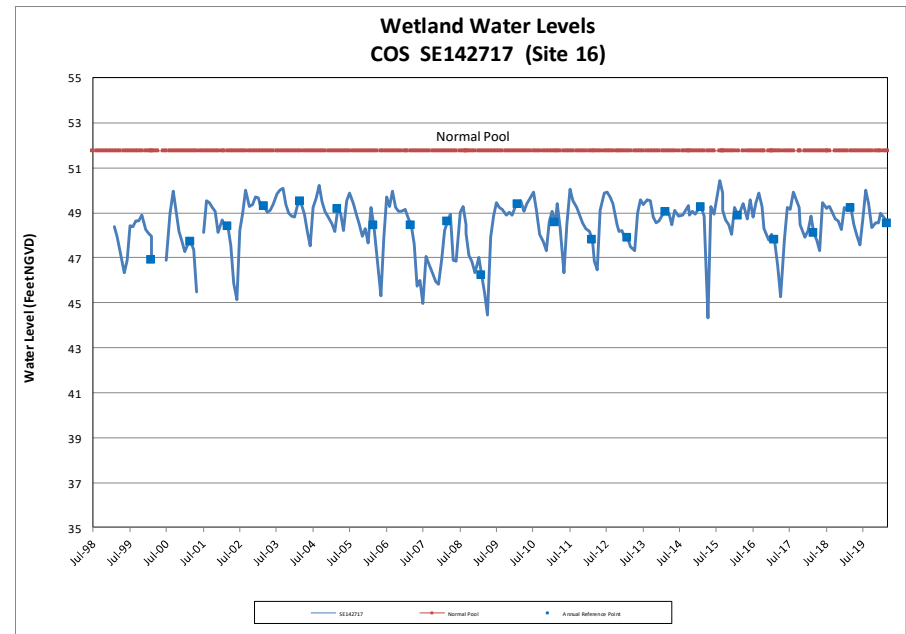
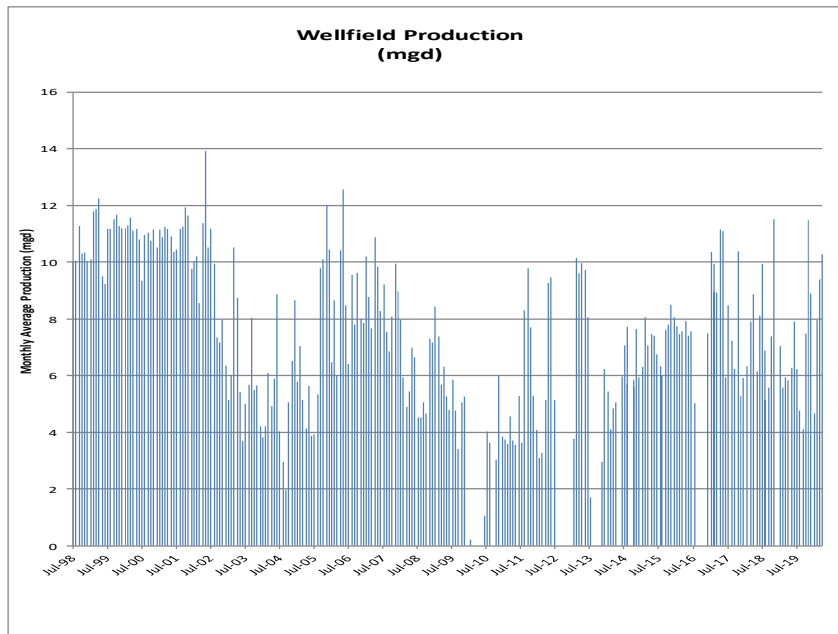
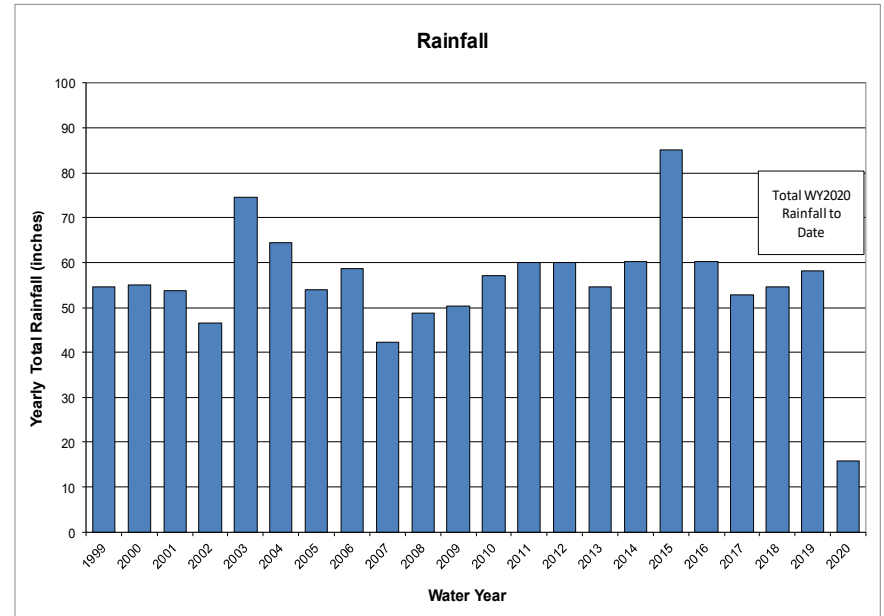
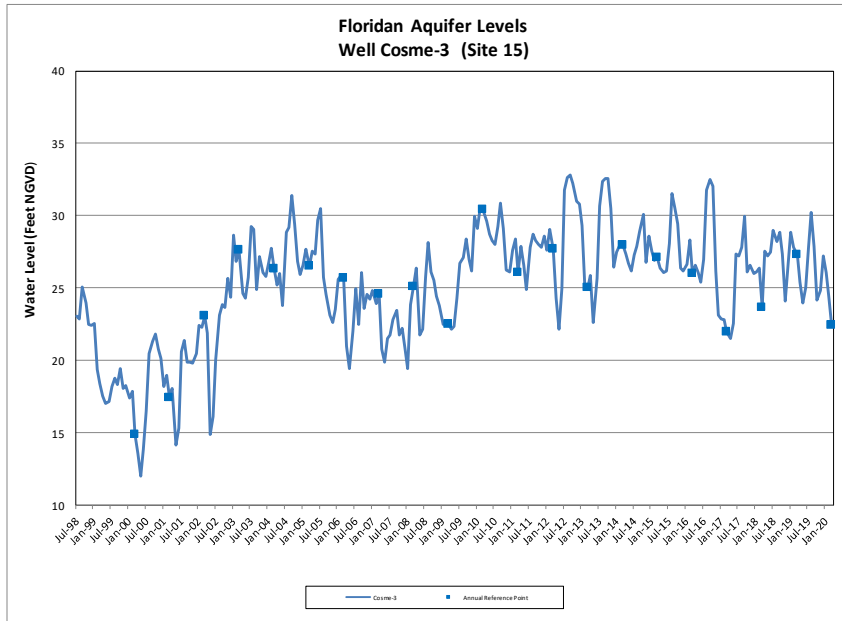
Section 21 Wellfield

Figure 8



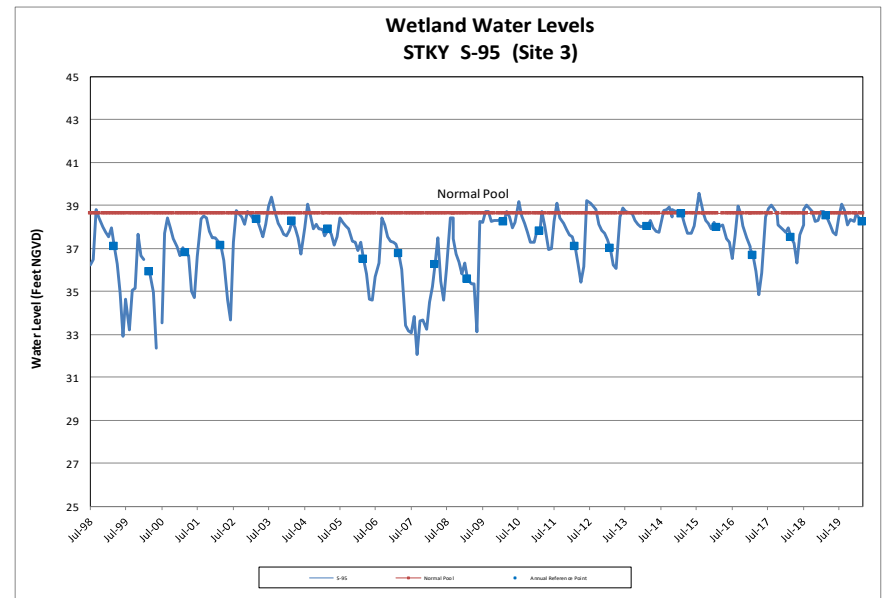
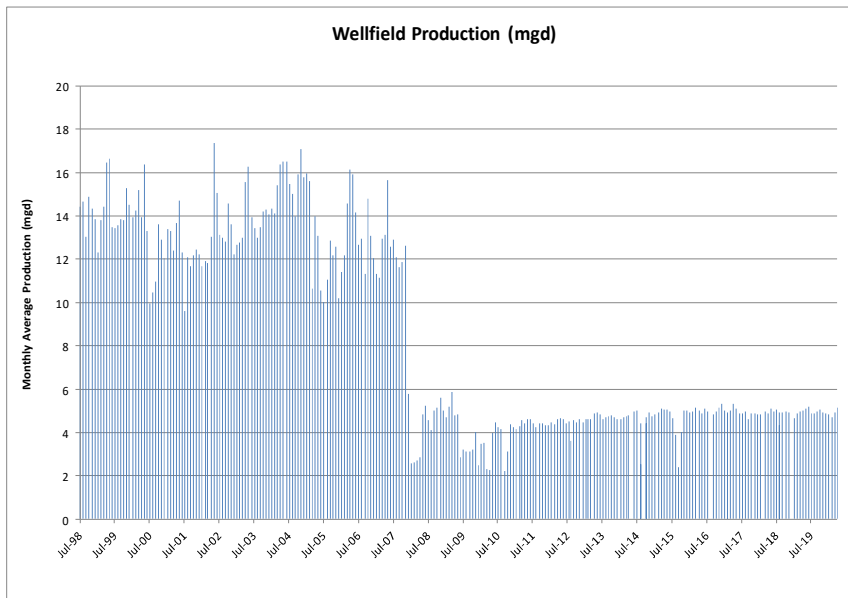
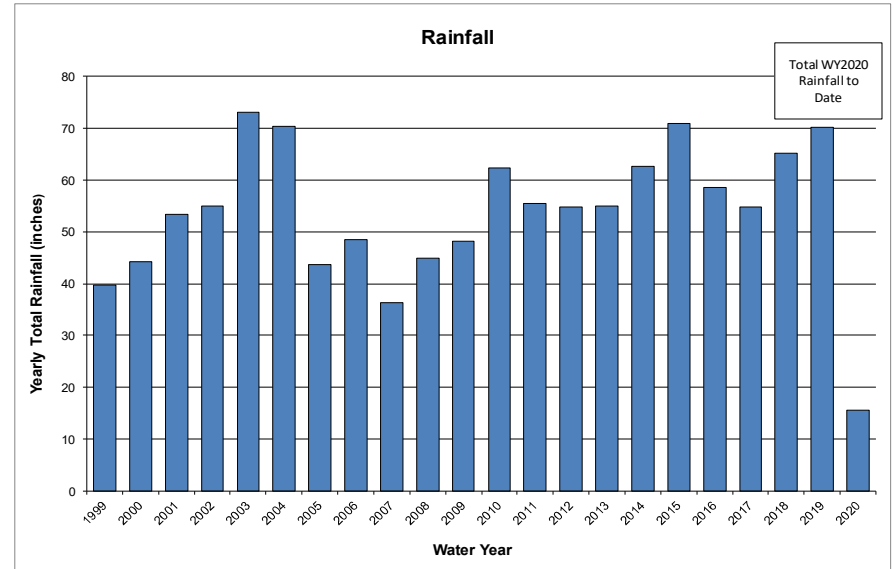
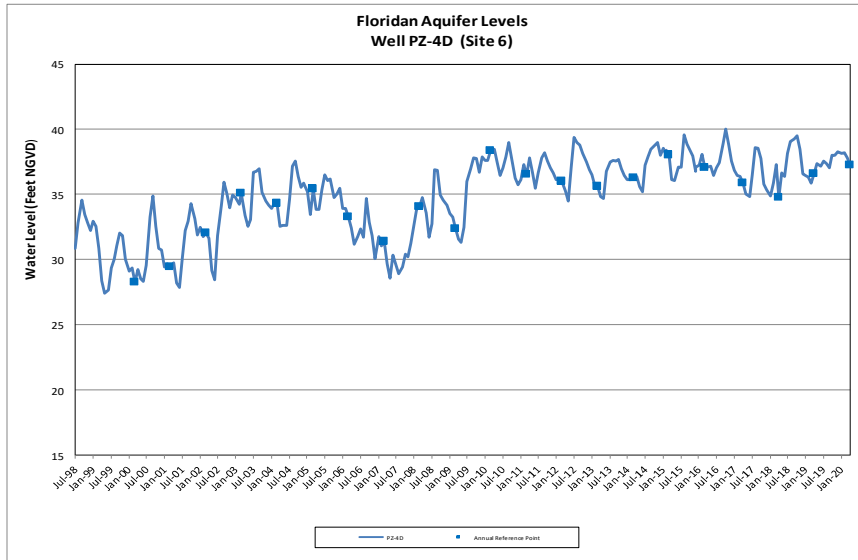
Cosme-Odessa Wellfield

Figure 9



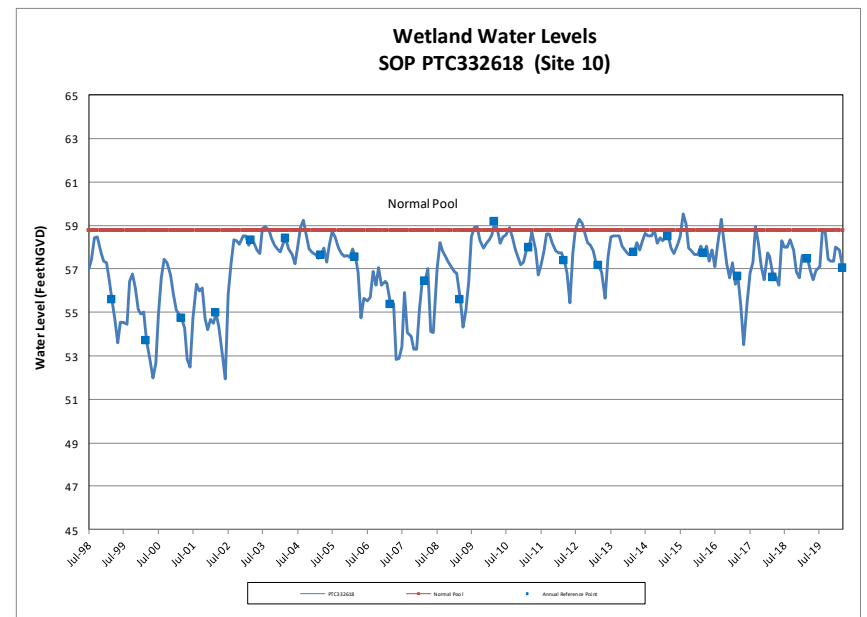
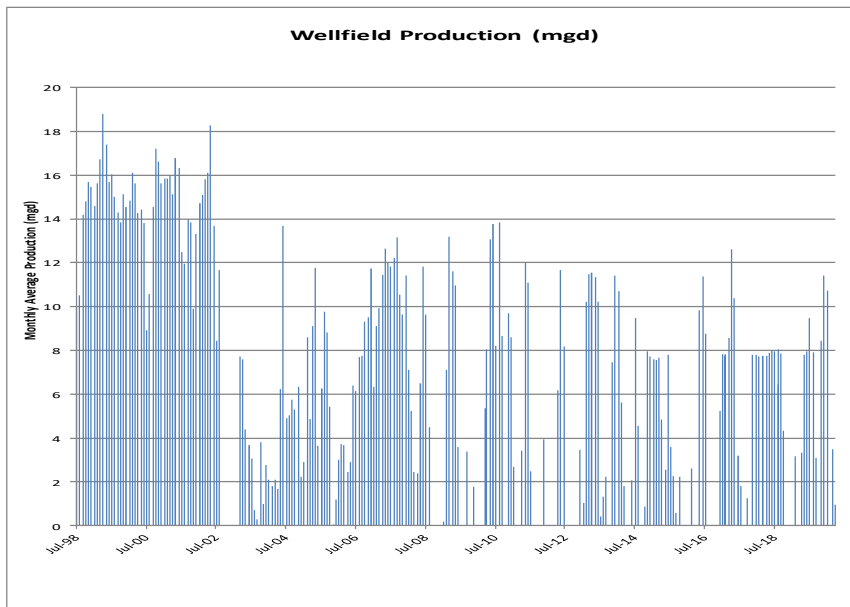
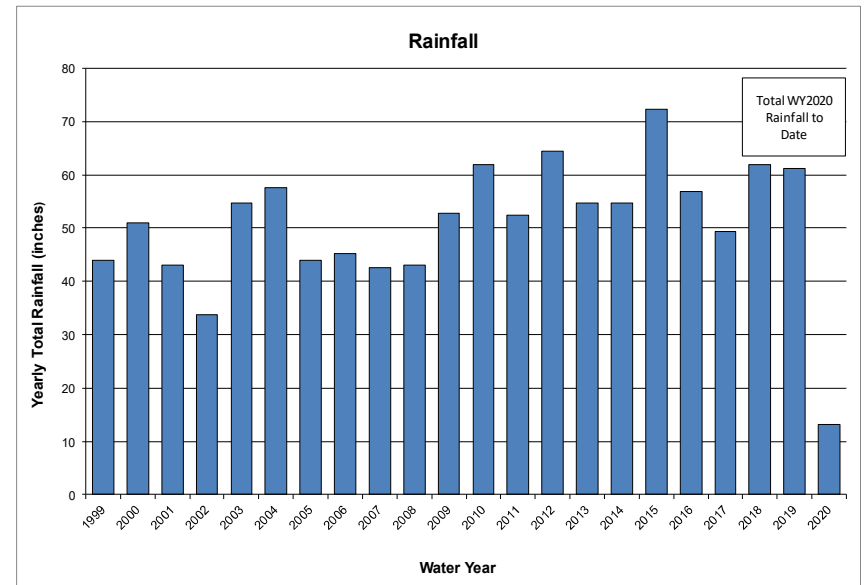
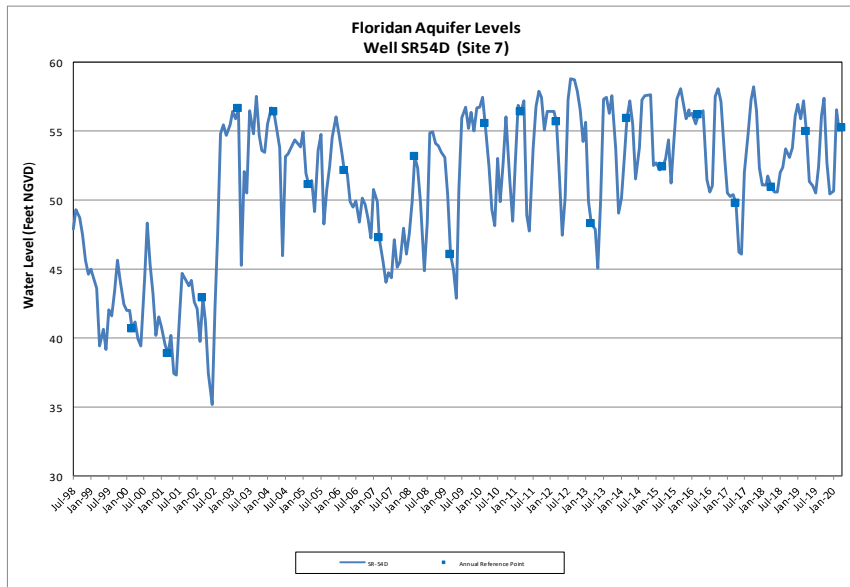
Starkey Wellfield

Figure 10



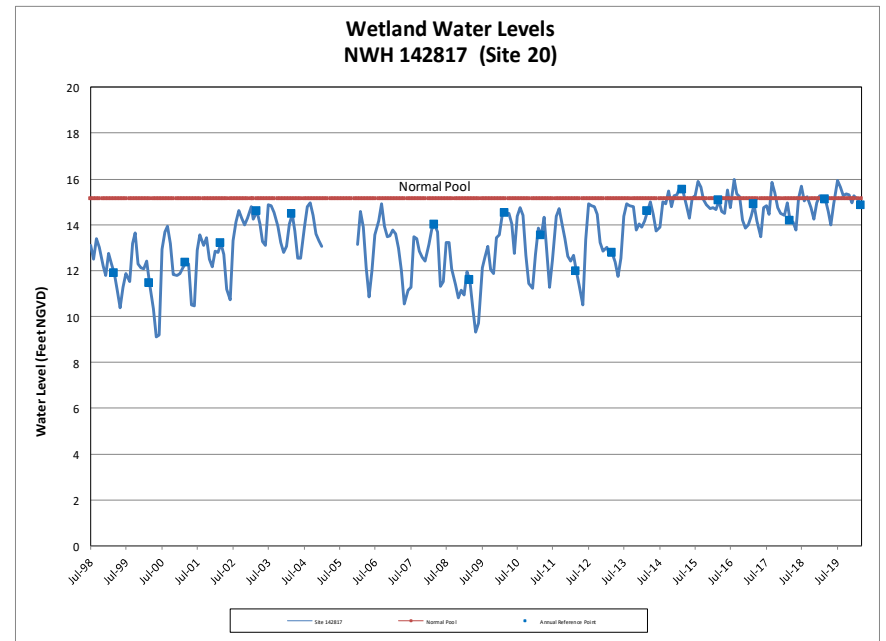
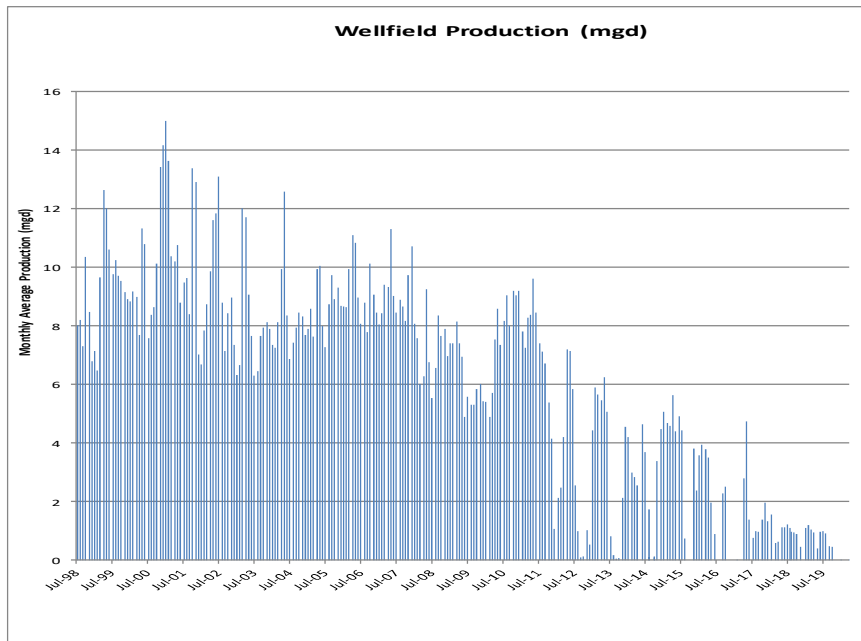
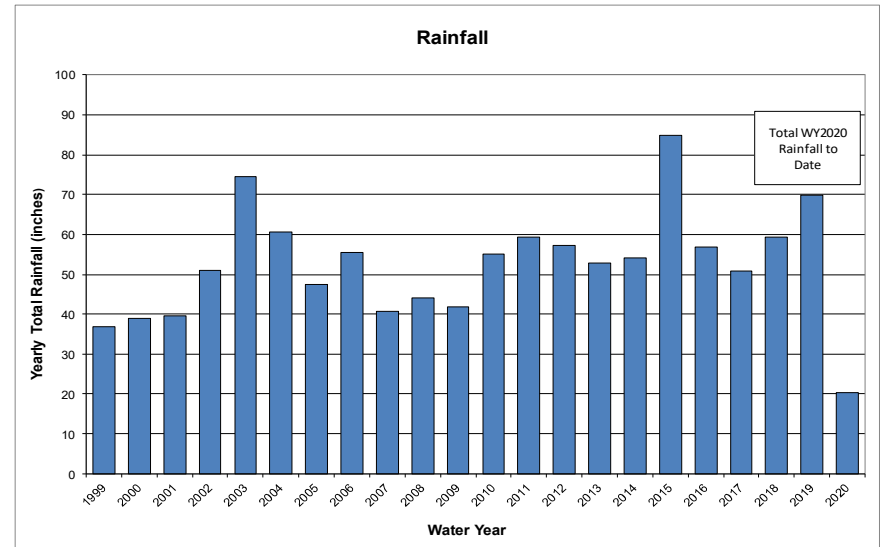
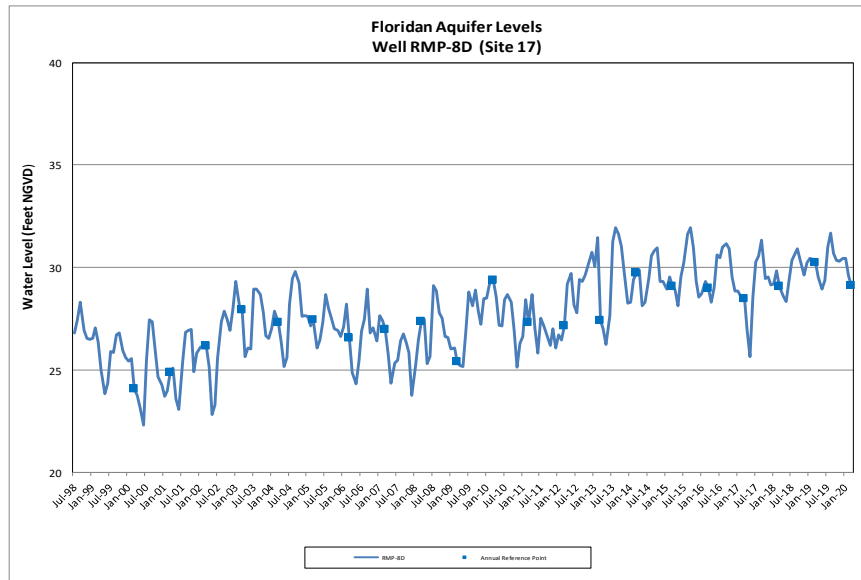
South Pasco Wellfield

Figure 11



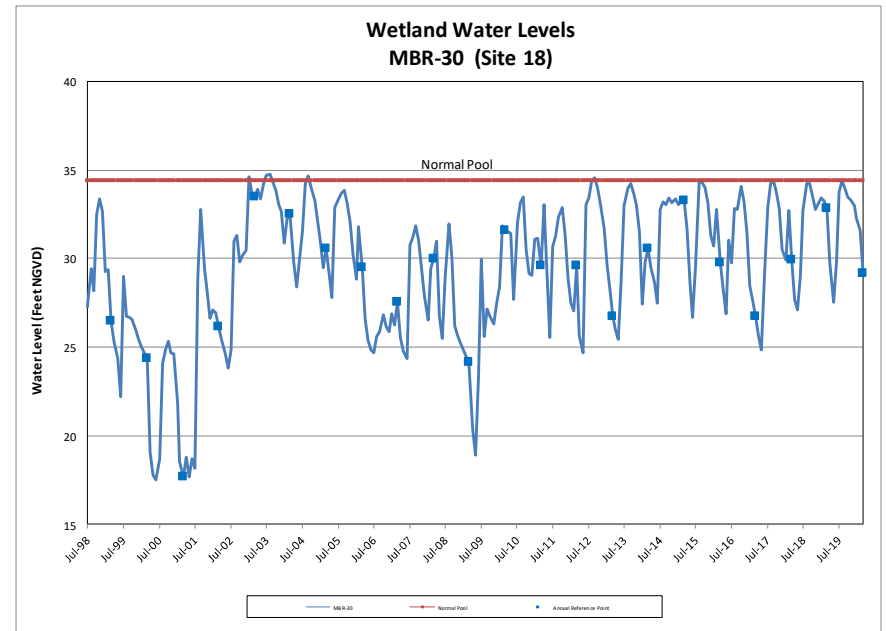
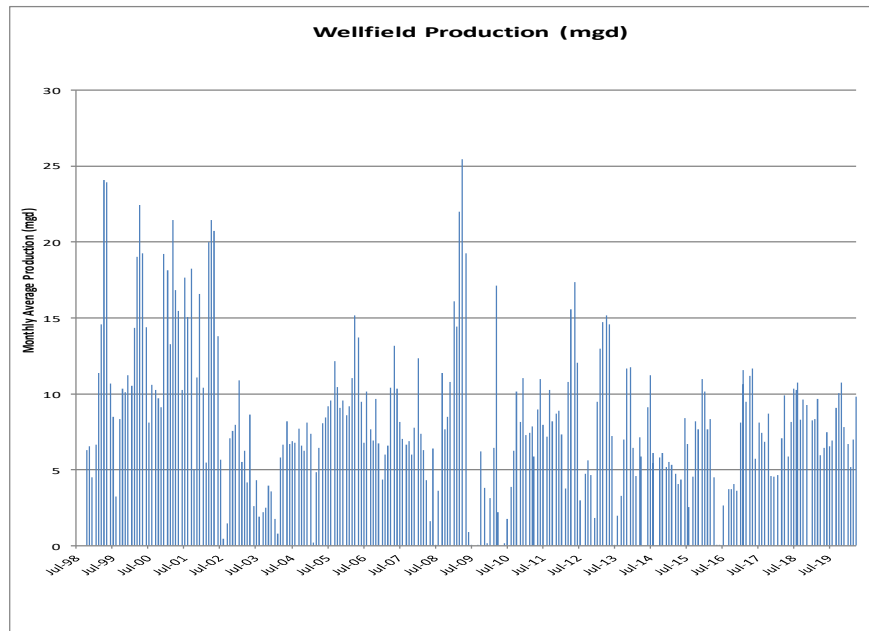
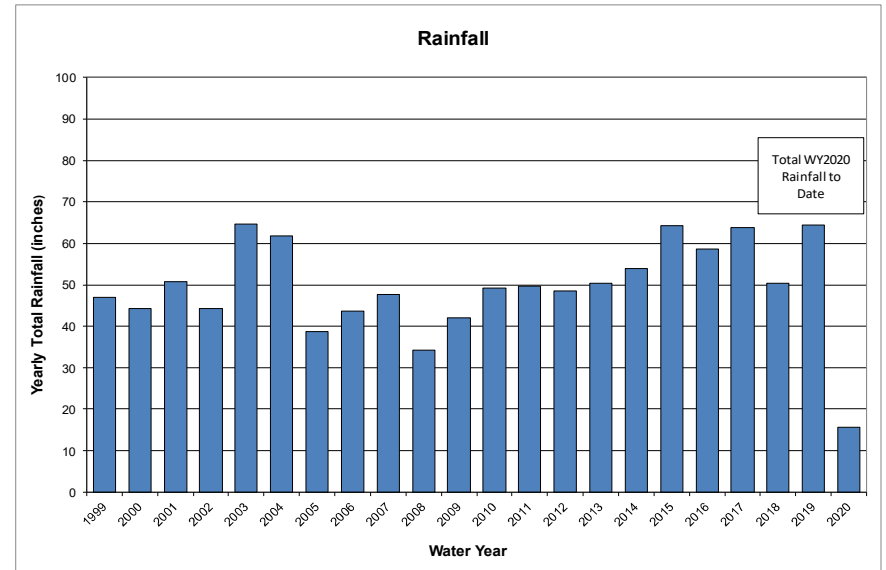
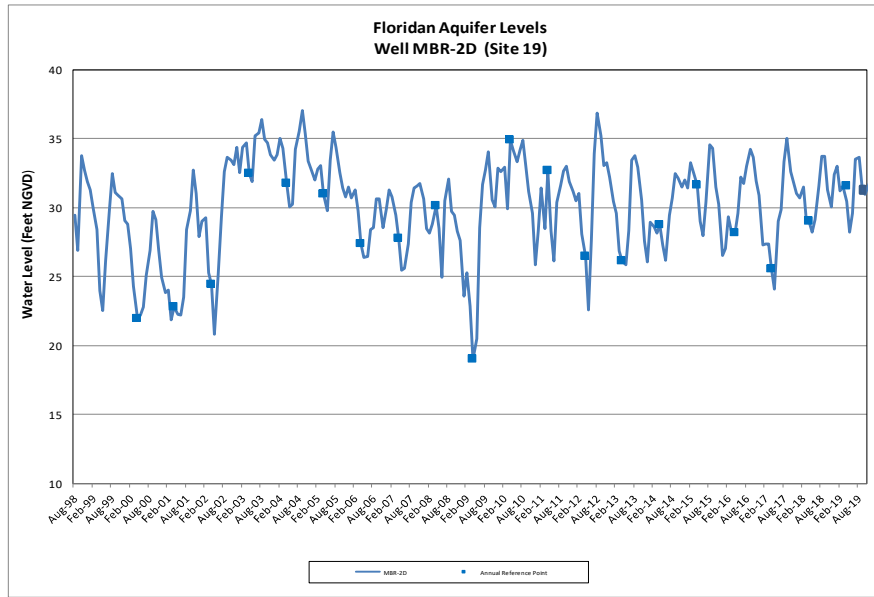
Northwest Hillsborough Regional Wellfield

Figure 12



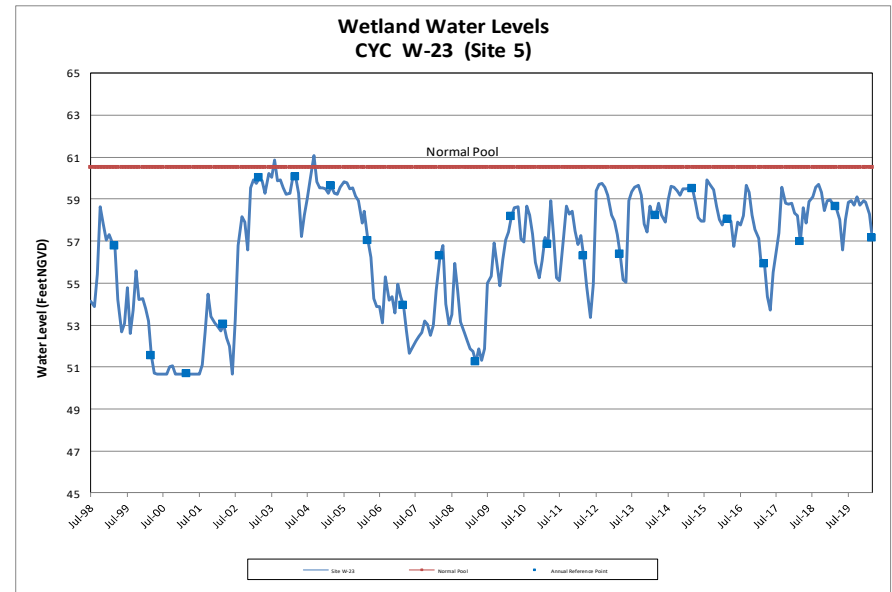
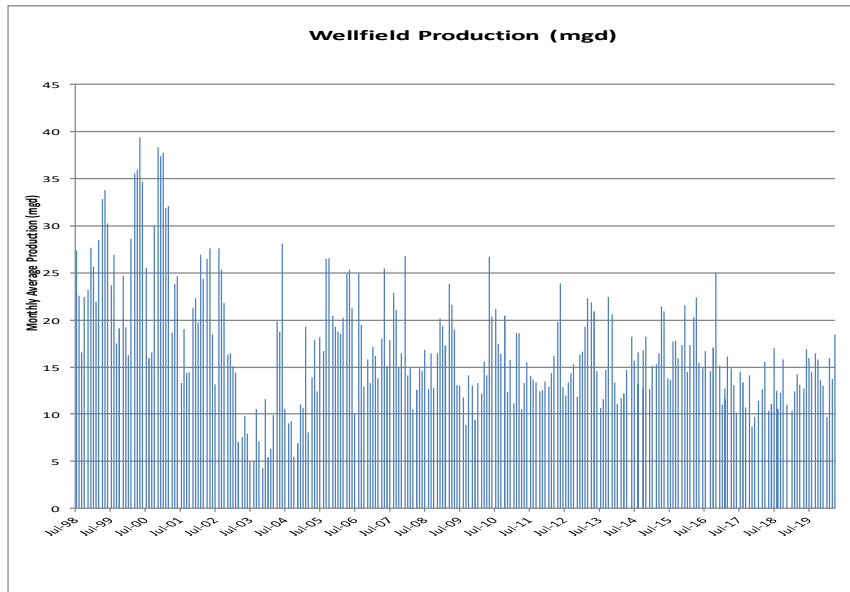
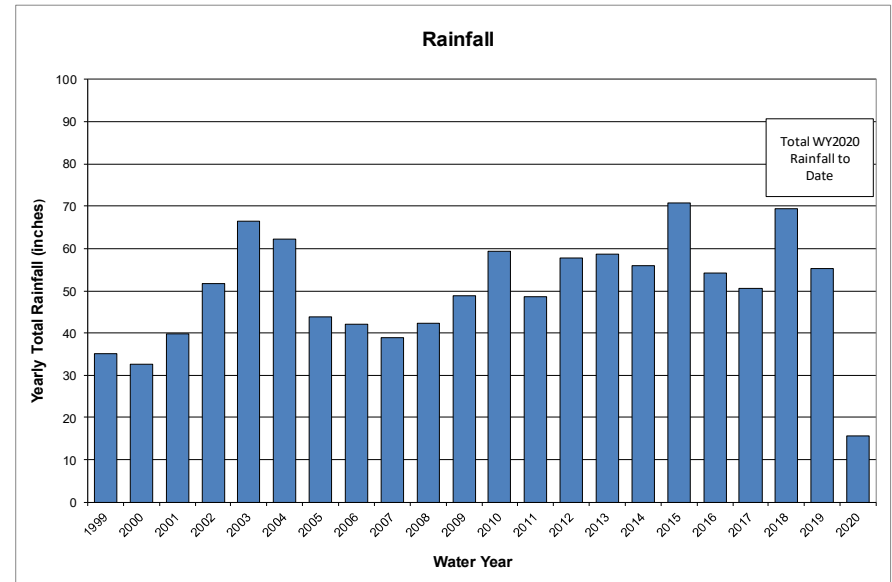
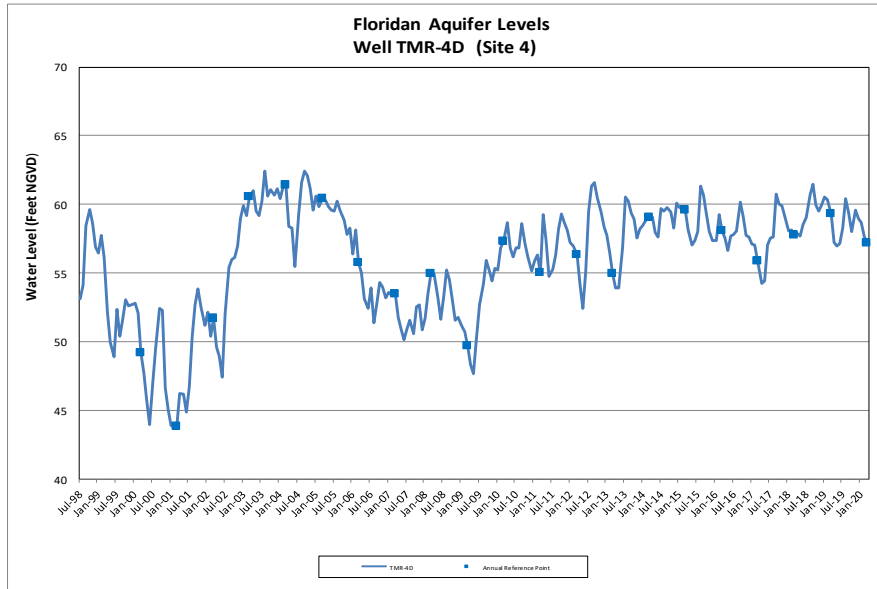
Morris Bridge Wellfield

Figure 13



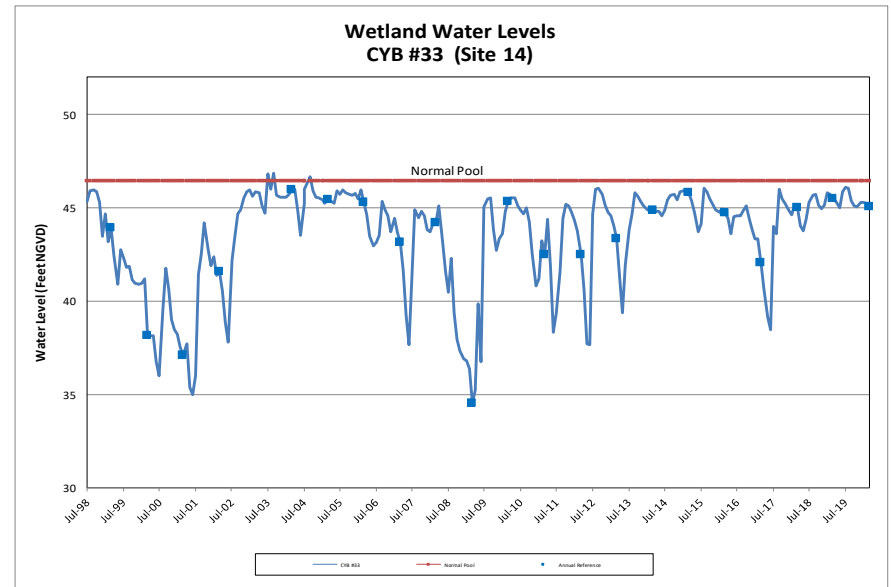
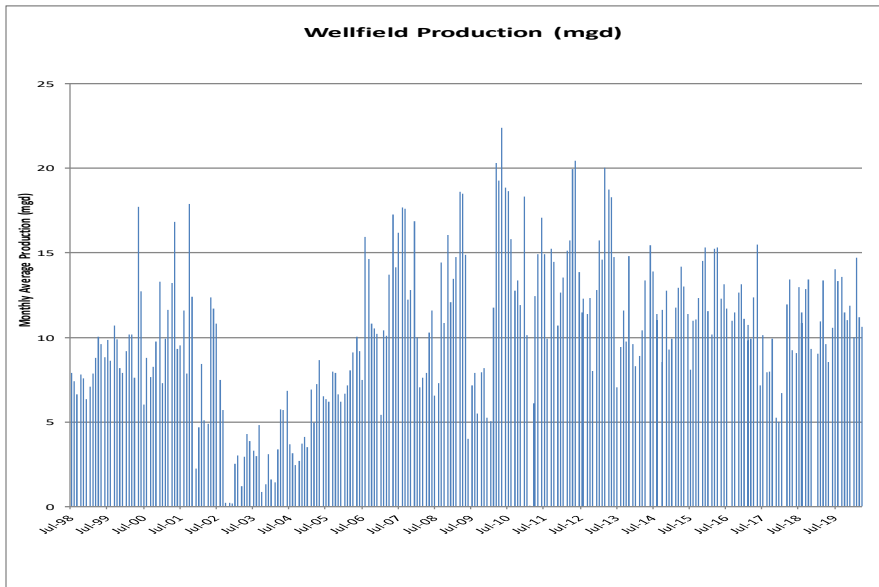
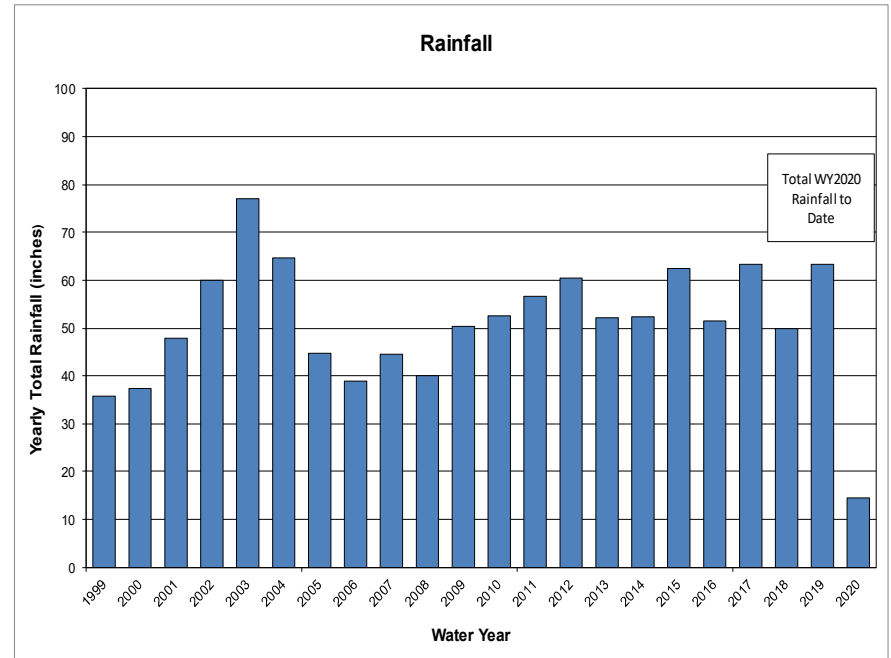
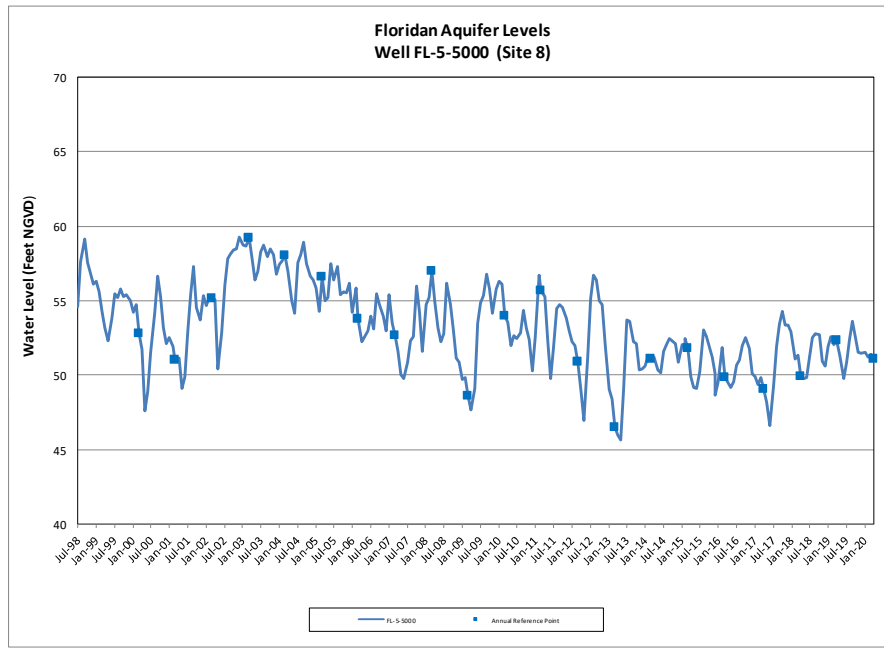
Cypress Creek Wellfield

Figure 14



Cypress Bridge Wellfield

Figure 15



Cross Bar Ranch Wellfield

Figure 16

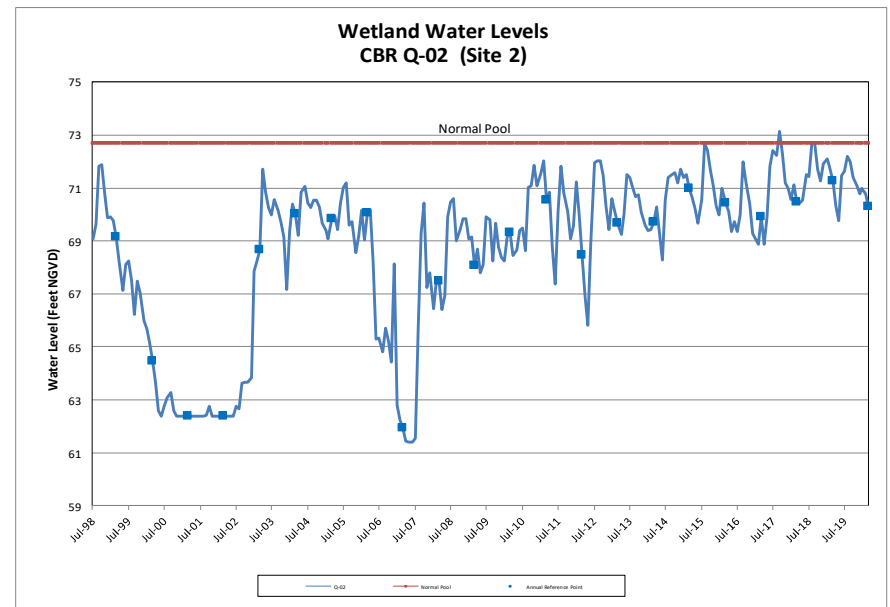
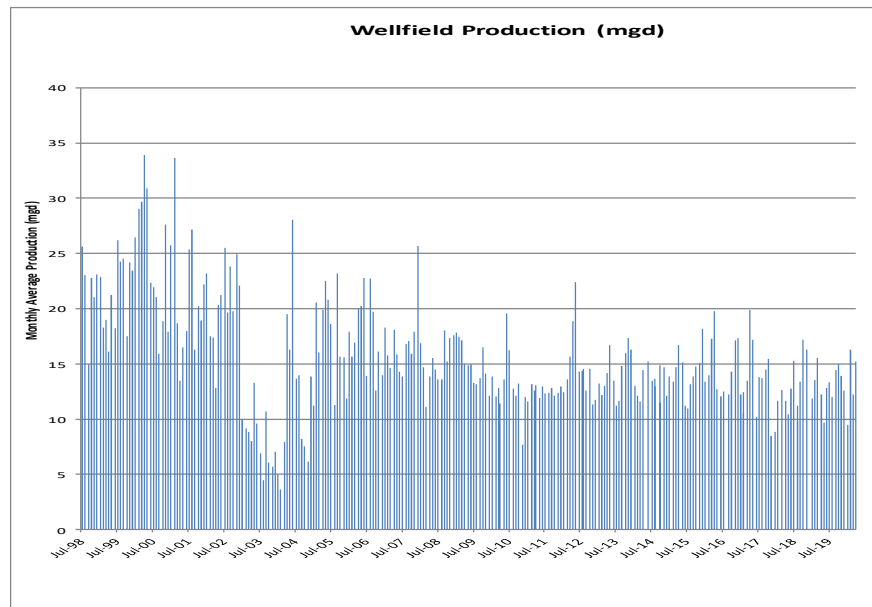
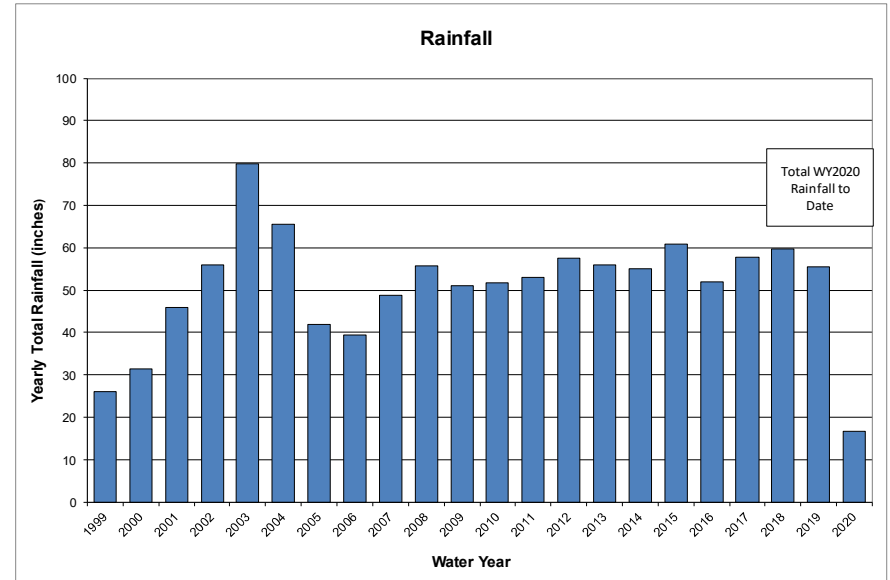
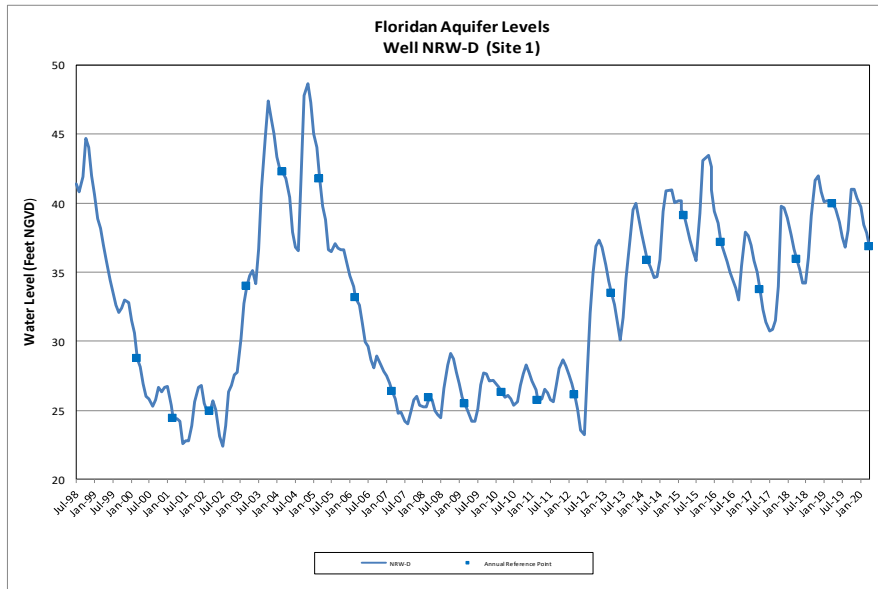
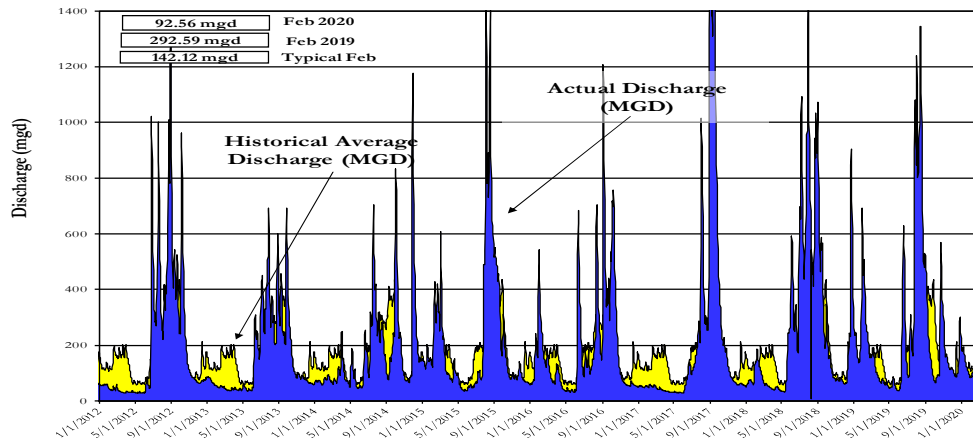


Figure 17

Hillsborough at Morris Bridge (1)



Estimated Flow, Alafia at Bell Shoals (2)

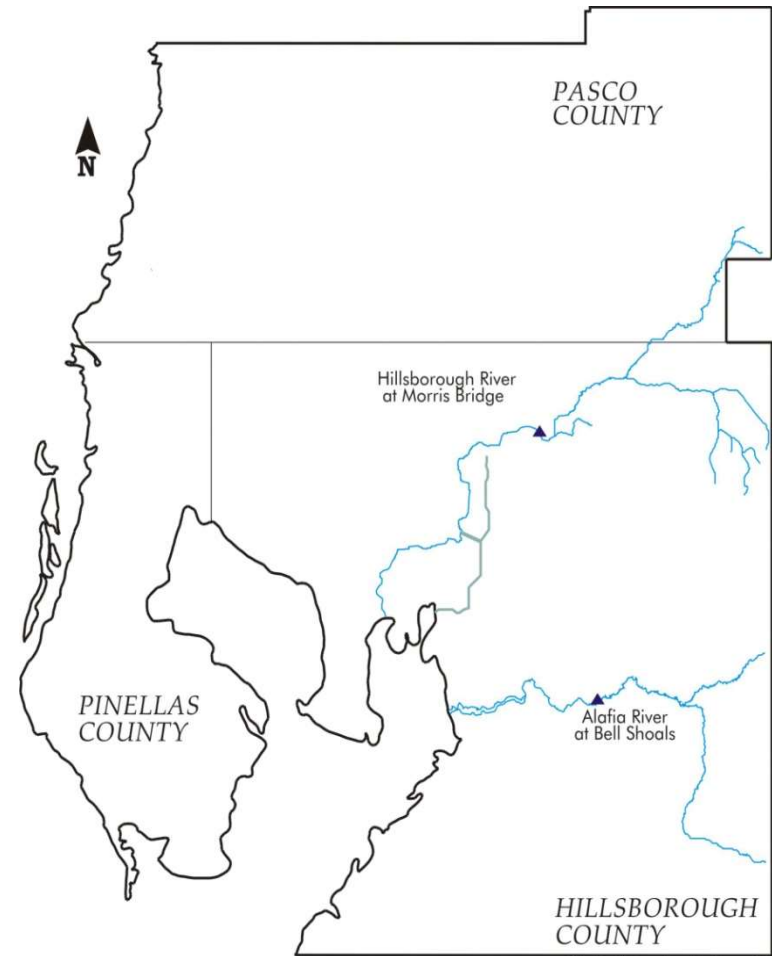
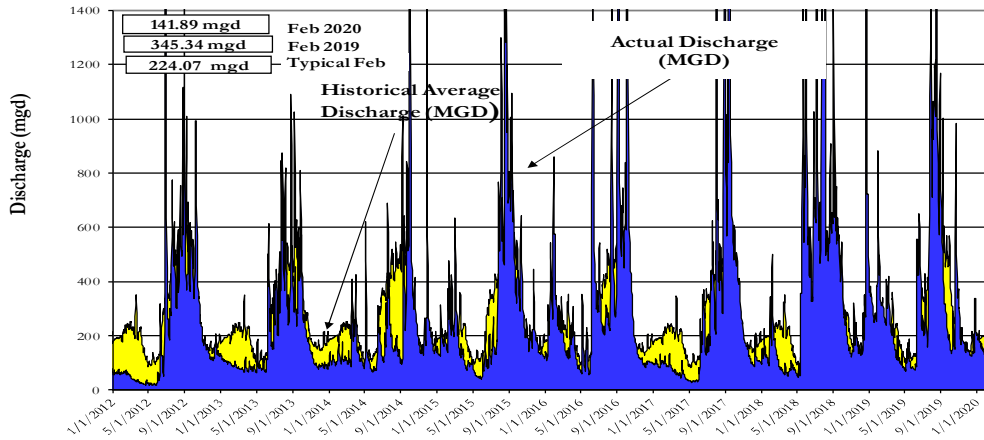
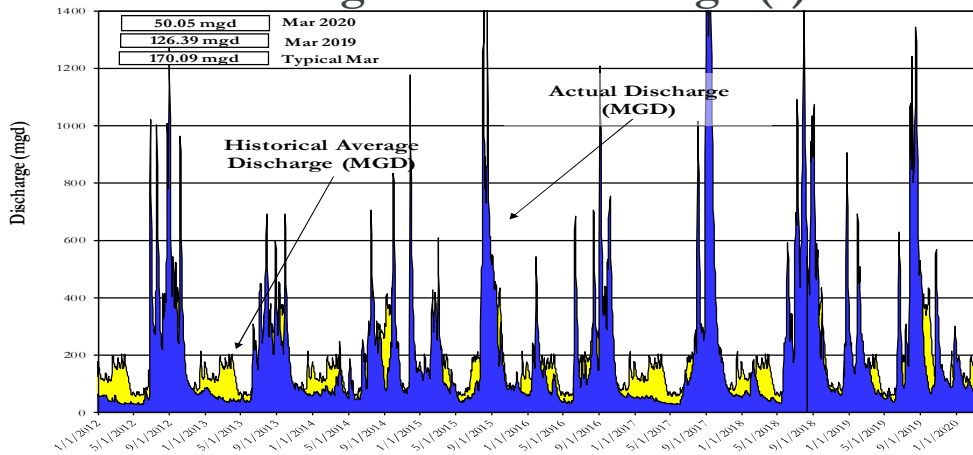
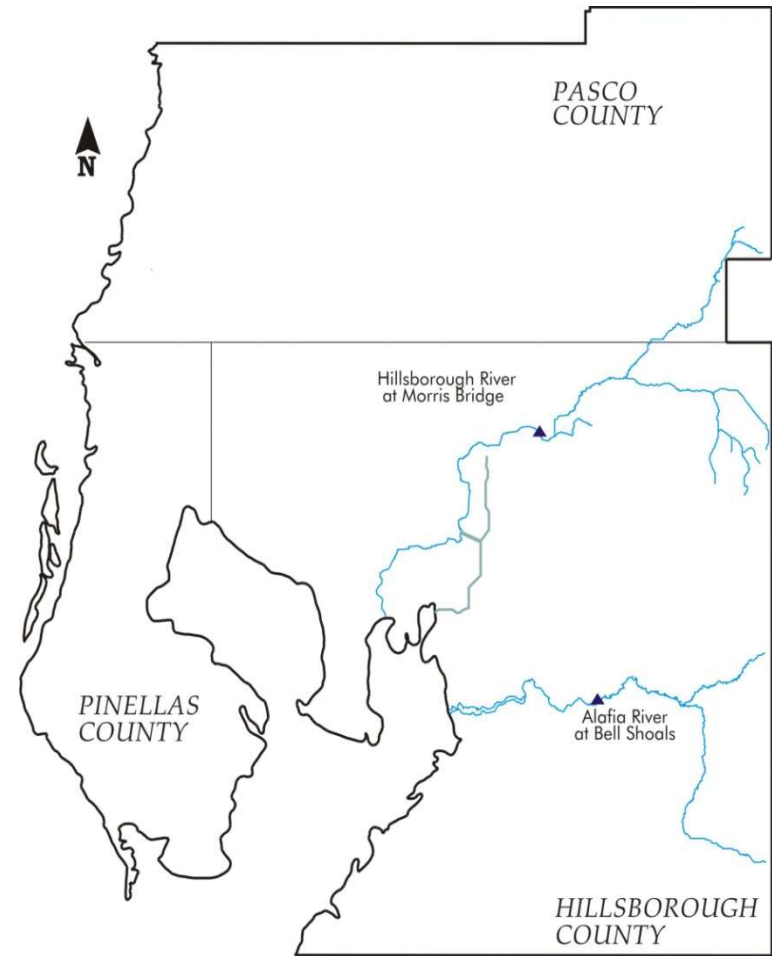
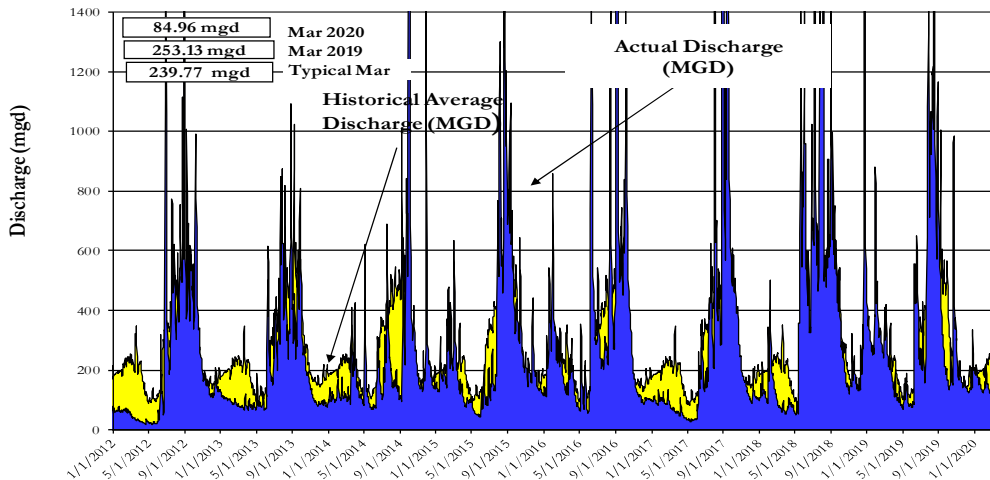


Figure 18

Hillsborough at Morris Bridge (1)



Estimated Flow, Alafia at Bell Shoals (2)



T:\EvalPermit\Thomas\Terry-location-map.CDR
10/2/2008

TABLE 1**Regional Production Table**

Month	Consolidated Permit Wellfields Monthly Production (mgd)	*Surface Water Monthly Production (mgd)	Seawater Desalination Plant Monthly Production (mgd)	**Other Groundwater Facility Monthly Production (mgd)
February (WY19)	79.8	51.3	13.2	26.7
March	79.5	54.9	13.1	29.1
April	79.1	54.0	15.0	32.3
May	89.3	53.4	14.6	32.3
June	92.6	59.8	0.0	32.5
July	84.7	59.4	0.0	28.4
August	85.0	54.1	0.0	24.9
September	81.0	72.7	0.0	30.6
October (WY20)	88.4	63.6	0.0	29.0
November	88.3	60.1	0.0	27.8
December	74.0	59.6	9.8	25.2
January	82.3	61.1	12.3	27.0
February	80.2	60.0	16.6	26.3
March	89.1	59.9	16.4	33.6
12-Month Average	84.5	59.8	7.1	29.2
Difference Between March 2019 and March 2020	9.6	5.0	3.3	4.5

* Tampa Bay Water Surface Water Treatment Plant and the Tampa-Hillsborough Interconnect (THIC)

**South Central Hillsborough Regional Wellfield, Brandon Wells, and the Carrollwood Wells.

DATE: April 6, 2020

TO: Board of Directors

THRU: Matt Jordan, General Manager

FROM: Christina Sackett, Chief Financial Officer

SUBJECT: Tampa Bay Water Insurance Program - Contract for Consultant/Insurance Broker Services for Property and Casualty Coverage - *Approve*

SUMMARY

Tampa Bay Water is seeking to utilize a piggyback contract entered into by Clay County, Florida for Consultant/Insurance Broker Services for Property and Casualty Coverage through 2023.

SUGGESTED ACTION

Approve Contract 2020-706 with Risk Management Associates, Inc., d/b/a Public Risk Insurance Advisor

COST/FUNDING SOURCE

Board approved operating budgets as applicable. The fee to be paid to the broker is paid by the benefits provider selected by the Agency as a percentage of the premium paid by the Agency.

DISCUSSION

The Board of Directors adopted Tampa Bay Water's Purchasing Procedures Manual on April 21, 2014, which incorporates Chapter 189.4221, Florida Statutes, in that Tampa Bay Water may purchase commodities and contractual services, other than services the acquisition of which is governed by Section 287.055, from the purchasing agreements of other special districts, municipalities, or counties

which have been procured pursuant to competitive bid, requests for proposals, requests for qualifications, competitive selection, or competitive negotiations, and which are otherwise in compliance with general law if the purchasing agreement of the other special district, municipality, or county was procured by a process that would have met the procurement requirements of Tampa Bay Water, regardless of whether or not the purchasing agreement contains a clause allowing other governmental entities to “piggyback.”

Agency staff evaluated a contract entered into by Clay County, Florida and Risk Management Associates, Inc. dba Public Risk Insurance Agency and found that meets the requirements of Tampa Bay Water for a single broker solicit, evaluate and recommend policies for all types of coverage required by the Agency. The contract was awarded as a result of a competitive Request for Proposal process on May 15, 2018 for a three-year term with two, one-year extensions, providing services through 2023.

Staff has previously used Risk Management Associates, Inc. dba Public Risk Insurance Advisor for broker services and found their performance meets Agency requirements.

The proposed contract has been approved by General Counsel for Tampa Bay Water. A copy of the contract is available up request from the Records Department.

BACKGROUND

In Fiscal Year 2016, Tampa Bay Water requested competitive proposals from agents and insurers for renewal of its general liability, automobile liability, and workers’ compensation, property, inland marine and boiler and machinery, and cyber security coverage insurance programs. This program ended once policies were bound for the 2020 Fiscal Year.

DATE: April 6, 2020

TO: Board of Directors

THRU: Matt Jordan, General Manager

FROM: Christina Sackett, Chief Financial Officer

SUBJECT: Operation Information Security Program Consulting Services - First Amendment to Contract No. 2017-056 with The Mako Group, LLC - Contract Increase - *Approve*

SUMMARY

In February 2017 the Board approved the purchase of services from The Mako Group, LLC for operation information security program consulting services for phase I of the Disaster Recovery and Business Continuity Plans for the agency. The additional fees included in Amendment One will allow for the completion of phase II of the plans.

SUGGESTED ACTION

Approve Amendment One to Contract No. 2017-056 with The Mako Group, LLC.

COST/FUNDING SOURCE

\$73,000 - Uniform Rate

DISCUSSION

In February 2017 the Board approved Contract No. 2017-056 for the purchases of services from The Mako Group, LLC for operation information security program consulting services for phase I of the Disaster Recovery and Business Continuity Plans for the agency. These plans will be an appendix document to the Agency's Water Incident Command System (WICS), which is the primary document for Agency emergencies. The Information Technology (IT) portion will be focused on IT System

Specific to the agency and provide general guidelines to the IT Department on what documentation and work plans are to be maintained for emergency situations. The IT portion was started in fiscal year 2018 but could not be completed until the Agency finalized updates to the Water Incident Command System Plan.

The initial Contract awarded amount was \$100,000 for phase I of the Disaster Recovery and Business Continuity plans. Phase II of the plans increases the contract value by \$73,000 to a new total contract amount of \$173,000, allowing for the completion of the plans.

The proposed amendment has been approved as to form by Tampa Bay Water General Counsel's office.

BACKGROUND

The Agency needs to update and maintain written Information Technology Disaster Recovery and Business Continuity plans, in accordance with guidance from the National Institute of Standards and Technology (NIST) and the American Water Infrastructure Act (AWIA). In FY 2016, Tampa Bay Water's Information Technology Department conducted an audit and security assessment of the Agency's Information Technology systems and processes in accordance with Federal Cybersecurity guidelines. The results identified the need to update IT department's Disaster Recovery and Business Continuity plans. While general backup and failover systems exist, and are maintained, proper infrastructure, execution scenarios, and documentation are required to meet industry standards for a water utility of Tampa Bay Water's size and criticality. This project will occur in two phases. Phase 1 of this project kicked-off the research of current policies/systems and began design of Disaster Recovery and Business Continuity plans for the agency. Phase II will lead to completion of the Plans.

DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Christina Sackett, Chief Financial Officer
SUBJECT: Contract Renewals - *Approve*

SUMMARY

Renew agency contracts in accordance with renewal option years listed in terms and conditions of original contract.

SUGGESTED ACTION

Approve contract renewals as summarized in the attached document.

COST/FUNDING SOURCE

Various - See Attachment

DISCUSSION

Tampa Bay Water has a number of contracts each year that are available to renew for additional option years. Purchasing and agency staff have reviewed the contracts summarized in the attached document and have determined that they continue to be of value and are necessary to the operation of Tampa Bay Water. The vendor/consultants have agreed, in writing, that they are agreeable to renew the available option year(s) as prescribed in the original contract terms and conditions.

The contract renewals have been reviewed and approved by Tampa Bay Water General Counsel's office.

BACKGROUND

The original terms and conditions of these contracts remain unchanged. All original contracts were approved by the Board and therefore renewals must be provided to the Board for review and approval of each renewal option year.

Attachment

CONTRACT AMENDMENTS EXECUTED FOR CONSENT APPROVAL APRIL 2020

CONTRACT NAME/DESCRIPTION OF SERVICES	CONTRACT NUMBER	CONTRACTOR	ANNUAL AMOUNT	APPROVAL DATE	RENEWAL/ AMENDMENT #	ORIGINAL EXPIRATION	EXTENDED THROUGH	FUNDING SOURCE
ACCESS CONTROL & SECURITY VIDEO SURVEILLANCE EQUIPMENT INSTALLATION & REPAIR	2019-036	AVI Integrators, Inc. dba Security 101	\$165,000.00	4/16/2019	1 of 3	4/30/2020	4/30/2021	UNIFORM RATE
JANITORIAL SERVICES	2019-032	American Facility Service, Inc.	\$33,000.00	1/9/2019	1 of 3	6/30/2020	6/30/2021	UNIFORM RATE
UTILITY LOCATE SERVICES	2017-054	High Tech Engineering Incorporated	\$487,913.60	6/19/2017	3 of 3	6/30/2018	6/30/2021	UNIFORM RATE
AS-NEEDED DOMESTIC WELL INVESTIGATION, MITIGATION AND DRILLING SERVICES	2018-031	Baker Well Drilling, Inc.	\$100,000.00	6/18/2018	2 of 3	6/30/2020	6/30/2021	UNIFORM RATE
AS-NEEDED DOMESTIC WELL INVESTIGATION, MITIGATION AND DRILLING SERVICES	2018-032	Citrus Park Well Drilling and Irrigation, Inc.	\$100,000.00	6/18/2018	2 of 3	6/30/2020	6/30/2021	UNIFORM RATE
JANITORIAL SERVICES	2019-033	S and C Janitorial, Inc.	\$33,000.00	1/9/2019	1 of 3	6/30/2020	6/30/2021	UNIFORM RATE

DATE: April 6, 2020
TO: Board of Directors
FROM: Matt Jordan, General Manager
SUBJECT: Agency Coronavirus Response and Update on Agency Programs and Initiatives -
Receive Report

SUMMARY

The Agency continues to monitor the information and recommendations regarding the coronavirus outbreak from the Center for Disease Control (CDC), the Florida Department of Health and the Governor's Office and alter agency operations to ensure staff health and safety while also meeting the unequivocal obligation to provide clean, safe drinking water to the member governments. The General Manager will provide an update on the agency's coronavirus response, as well as an update on agency programs and initiatives.

SUGGESTED ACTION

Status Update. No Action Needed.

COST/FUNDING SOURCE

n/a

DISCUSSION

The coronavirus outbreak has required a shift in Tampa Bay Water business operations as staff responds to changing orders and directives from federal, state and local authorities while also meeting the agency's unequivocal obligation to deliver clean, safe water to the member governments. Despite changing the way the agency does business during this time, agency programs and initiatives continue

to move forward. The following is a summary of the agency's response to the COVID-19 outbreak, as well as a status update on several agency programs and initiatives.

Agency COVID-19 Response

The agency continues to monitor the information and recommendations regarding COVID-19 from the Center for Disease Control (CDC), Florida Department of Health and Governor's Office. On March 12, 2020, the agency updated and activated the Tampa Bay Water Infectious Disease Response Plan and the Water Emergency Incident Command System Plan. The activation of the emergency plan will remain in effect until the agency determines the risk to the staff no longer requires active monitoring. The executive command staff holds conference calls twice per week or as needed as the event continues. In addition, the agency has taken the following steps:

- Banned all non-essential travel (conferences or non-essential professional education).
- Directed agency employees to conduct meetings via conference call or video conference versus in-person, when possible, and adhere to social distancing guidelines when in-person meetings are required.
- Canceled all agency facility tours through at least the end of May.
- Implemented a Temporary Teleworking Policy for those employees able to perform their duties from home. Currently 71, or 46%, of our employees are participating.
- Provided cleaning supplies and disinfectants for all facilities and encouraged regular hygiene (washing hands, wiping down surfaces) and social distancing when possible. Procured additional disinfectant, hand sanitizer and masks for staff at each location.
- Isolated the operations consoles and the laboratory (i.e. - critical staff areas) to allow identification-access only for employees who work in those locations. All other employees have been asked to avoid those areas at this time.
- Moved operations staff to 12-hour shifts to limit the number of employees interacting during any given shift.
- Reviewed operations staff vacation requests and schedules for the next 30 days to ensure adequate coverage for all shifts.
- Composed and implemented new Emergency Sick Leave and Emergency Family Medical Leave Act policies and procedures in response to the passage of the Families First Coronavirus Response Act.
- Inventoried chemical supplies to ensure adequate supplies of all needed chemicals to continue to run the system (all of our chemical vendors continue to be able to supply what we need).
- Prepared a question and answer fact sheet on coronavirus and drinking water that is posted on our website.
- Continued to communicate with the member government Utility Directors including sharing Operations Continuity Plan and the agency COVID-19 Response Plan for reference and holding a coordination conference call on April 2.
- Ensured our contractors, Veolia and American Water Acciona, have implemented infectious disease plans at the surface water treatment plant and desalination plant and are prepared to continue to run the facilities without interruption.

- In addition, staff is reviewing and evaluating the agency's personnel rules manual to determine what, if any, policies and procedures apply to employee compensation and benefits during this event.

Operations and Water Demands

As the dry season begins and more people are at home using water throughout the day, the region is seeing an increase in water demands. Year-to-date through April 7, demands are currently running 7.1% higher or 12.1 million gallons per day (mgd) as compared to the same period last year. Since March 15, 2020, daily averages were about 26 mgd more than the same time last year. In discussions with the utility directors, there has not been a commensurate increase in wastewater, indicating that much of the increased water use is due to outdoor watering. Tampa Bay Water has started to incorporate increased conservation messaging onto social media channels and the website.

Despite increase demands, the regional water supply system is running well and we are currently using all of our sources as follows:

- Surface water treatment plant is running at 60 mgd from the reservoir and will be increased in the coming weeks.
- C.W. Bill Young Regional Reservoir is holding approximately 12.5 billion gallons of water (when full, holds 15.5 billion gallons).
- The Consolidated Water Use Permit is at 84.3 mgd, well below the 90 mgd 12-month-running-average permit limit.
- The South-Central Regional Wellfields is at 23.3 mgd, the permit limit is 24.1 annual average.
- The Tampa Bay Seawater Desalination Plant is running at 20 mgd.

Other Agency Programs and Initiatives

Board Facilitated Workshops

Due to the extraordinary circumstances of the COVID-19 outbreak, the first two facilitated board workshop dates originally scheduled for Wednesday, March 25 and Wednesday, April 29 have been canceled. Staff is working to schedule new dates in June-August. A draft agenda will be distributed to the board several weeks before the first meeting date and a final version will be posted on our website a minimum of a week before the first workshop once a date has been chosen.

Performance and Management Audit

As reported to the board in August 2019, the agency is undergoing a performance and management audit required every five years in the Interlocal Agreement. The auditors, CLA, have spent the last several months interviewing staff, board, member government staff and other utilities, and reviewing the agency's processes and procedures. CLA is currently drafting proposed recommendations and an audit report. The original schedule was for CLA to report its findings at the April 2020 board meeting and management to prepare a presentation for the June 2020 to include responses and a plan of action for responding to the findings. Staff was informed by CLA the report will not be completed in time for

the April 2020 board meeting; therefore, the new schedule is for CLA to present its findings at the June 2020 board meeting and staff and management to present a plan of action at the board's August 2020 board meeting.

Long-term Master Water Plan Feasibility Studies and Facility Operating Contracts

As described in Consent Item D.4, the Long-term Master Water Plan feasibility studies are ongoing for the Surface Water Expansion Project, the Desalination Plant Expansion Project, and the New Wellfield via SHARP Credits Project. Item J.1 requests the board give the General Manager authorization to sign a purchase agreement on property and easement acquisition for a test well site for the New Wellfield via SHARP Credits Project. In addition to the work described in Item D.4, the studies of the Surface Water and Desalination Plant expansions will also include consideration of the existing operation and maintenance (O&M) contract conditions and risk evaluation for each facility. The surface water plant O&M contract with Veolia is scheduled to end in January 2023 and the Desal O&M contract with American Water/Acciona is scheduled to end in November 2024. Staff will be initiating a business case analysis for each of the facilities in the near-term so that continuation of the required O&M services will proceed beyond the current contract end dates.

South-Central Hillsborough Booster Station and Pipeline

Booster Pumping Station

As approved by the Board at its June 2019 meeting, Tampa Bay Water is increasing delivery of regional water supplies to Hillsborough County's Lithia Water Treatment Plant. An engineering study evaluated the existing system capacity and provided criteria for a new booster station. Tampa Bay Water identified a property that meets project requirements and the Board approved purchasing a parcel at its December 2019 meeting (Item J1b). The property closed on April 13, 2020 for \$382,290.50.

A procurement process was conducted for Professional Services for the Pump Station late in 2019. Professional services include design, permitting, construction bidding, administration, construction management and inspection, and start-up assistance services. At the February 2020 meeting, the Board approved a ranking of firms and authorized staff to negotiate contract, scope, and fee starting with the top-ranked firm (Item I2a). Staff is recommending approval of the contract with Reiss Engineering, Inc., (Item I1) at today's meeting.

Pipeline

South-Central Hillsborough County is experiencing significant growth which requires changes or additions to Tampa Bay Water's existing delivery capacity, and actions by the County downstream of Tampa Bay Water's existing Points of Connection. Pipeline route corridor studies have been performed and staff presented the results of the studies and next steps for a pipeline project at the February 2020 Board meeting. Staff continues to meet with County staff to discuss the project status. County staff is working on their own booster station south of Lithia until their proposed water campus comes on-line.

The County had scheduled to present at their Board of County Commissioners (BOCC) meeting on April 1, 2020 to obtain a rate increase and proceed with the water campus. The BOCC meeting was canceled and it is not known when it will be rescheduled. The Tampa Bay Water pipeline project to Lithia is not affected by the County delay or schedule for the water campus at this time. If the county desires Tampa Bay Water to participate in pipeline south of Lithia, we will need to know before we procure design engineers starting late 2020.

Water Quality Evaluation

Tampa Bay Water is proceeding with a deliberate process that carefully vets potential changes to the water quality delivered to the more than 2.5 million people in our service area. Current estimates indicate that the capital investment could be over \$200 million in infrastructure (not including operating cost) to implement water quality treatment improvements. Although potential treatment processes that could improve water quality have been identified, these processes must be pilot-tested, further studied and cost-estimated prior to proceeding with design and construction; this should be completed in early 2022, as described in Consent Item D.9. As the study moves forward, staff will continue to look for opportunities to expedite the schedule, which could include alternative delivery methods, and also give the board time to discuss the potential improvements, as well as the cost implications for the agency and the rate payers.

By working with the member government utility staff, staff has identified some changes that can be completed within the five-year time frame that will improve water quality within the regional system. These shorter-term project opportunities are described in Consent Item D.9.

In addition to the above items, the agency continues to move forward with several other initiatives including the Consolidated Water Use Permit renewal, implementation of an Asset Management Program and Environmental Management System, SCADA Master Plan, and many others. Staff will continue to keep the Board informed of program progress.

BACKGROUND

N/A

DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan
FROM: Michelle Stom, Chief Communications Officer
SUBJECT: 2020 Legislative Session Report - *Receive Report*

SUMMARY

The 2020 Legislative Session ended on March 19, 2020, and included water and administrative bills of interest to Tampa Bay Water. Tampa Bay Water's legislative counsel and grant funding and legislative assistance consultant will provide an update on the end of the session, grant funding requests and bills of interest.

SUGGESTED ACTION

Status Report. No Action Required.

COST/FUNDING SOURCE

n/a

DISCUSSION

The Board's strategic plan goals to maintain the financial stability and sustainability of the agency and to maintain open, collaborative relationships with stakeholders are met, in part, through the agency's legislative and grant planning efforts at the state, regional and federal levels. The Tampa Bay Water Board approved the 2020 Legislative Goals and Priorities at its October 21, 2019 Board meeting. The 2020 Legislative Session began on January 14, 2020 and ended on March 19, 2020. Tampa Bay Water's

legislative counsel and grant and legislative assistance consultant followed bills of interest to Tampa Bay Water and agency grant funding requests and reported regularly to staff and the Board. A copy of the final reports is attached. Counsel and the legislative consultant will present on the 2020 Legislative Session.

BACKGROUND

N/A

Attachments



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MEMORANDUM

TO: Matt Jordan, Michelle Stom, and Barrie Buenaventura
Tampa Bay Water

FROM: Peter M. Dunbar, Martha J. Edenfield, French Brown and Marc Dunbar

DATE: April 8, 2020

RE: 2020 *Updated* Regular Session Summary

Due to the current virus emergency, the Governor requested that the Legislature not send any bills to his office while the emergency orders were being implemented. The Legislature honored the Governor’s request, and no bills were delivered until today. Currently, the Governor has not taken final action on all of the measures that passed, but the appropriate Session Law number will follow in future summaries in **bold type**. The full text of each enrolled bill, as well as applicable legislative staff reports, is available on the legislative web sites (www.flsenate.gov; www.myfloridahouse.com; and www.leg.state.fl.us). A summary of each measure that passed appears below in numerical bill order.

PMD/tmz

cc: Matthew Blair

TAMPA BAY WATER LEGISLATIVE STATUS REPORT

Peter Dunbar, Martha Edenfield, French Brown and Marc Dunbar
Legislative Counsel

Tampa Bay Water-Related Legislation

Cypress Bridge Wellfield Improvements: The final general appropriation bill contains a \$250,000 appropriation to fund wellfield improvements at Cypress Bridge, and the legislation is pending delivery to the Governor.

Water Quality Improvements: [CS/CS/SB 712](#) by Senator Mayfield and Representative Payne create the “Clean Waterways Act” that provides for a new scope of regulations governing onsite sewage treatment and disposal systems; it will require the Department of Health to establish a real time water quality monitoring programs; it will require basin management plans to include wastewater and disposal system remediation plans; it will mandate a study of the bottled water industry impacts on the state’s water resources; it will direct the Department of Environmental Protection to initiate rule-making for potable reuse projects; and it declares that that reclaimed water is deemed a water source for public water supply. CS/CS/SB 207 has passed the Legislature and is pending action by the Governor. **(Chapter 2019-___, Laws of Florida.)**

Other Legislation of Interest

Public Construction: [CS/HB 101](#) by Representative Andrade revises the amount of retainage that governmental entities may withhold from progress payments for construction services in all contracts entered into after October 1, 2020. CS/HB 101 has passed the Legislature and is pending action by the Governor. **(Chapter 2020-___, Laws of Florida.)**

Procurement of Services: [CS/CS/HB 441](#) by Representative DiCeglie revises the maximum dollar amount for public construction projects in continuing contracts, and it increases the maximum dollar amounts for professional service contracts with architects, landscape architects, surveyors, mappers and engineers. CS/HB 441 has passed the Legislature and is pending action by the Governor. **(Chapter 2020-___, Laws of Florida.)**

Special Districts: [CS/SB 1466](#) by Senator Baxley revises the method by which a special district may post its final audit report to its website; it provides revised guidelines for the conduct of board members in carrying out their official duties; it permits a special district to provide access to its audit by providing a link to the audit at the Auditor General’s website; and it deletes a requirement for public facilities and meeting material postings. CS/SB 1466 has passed the Legislature and is pending action by the Governor. **(Chapter 2020-___, Laws of Florida.)**

Other Legislation of Interest that Failed

Water Supply Planning: [HB 147](#) by Representative Jacobs and [SB 690](#) by Senator Albritton were companion bills that provided for the Department of Environmental Protection to conduct a comprehensive and qualitative needs-based overview of the state's water resources. The report, upon completion, was to be submitted to the Governor and the Legislature. Neither bill was heard in committee, and this was permanently postponed when the 2020 Session adjourned.

"Fracking" Ban: [SB 200](#) by Senator Montford and [HB 547](#) by Representative Fitzenhagen were companion bills that defined and created a regulatory framework for "high pressure well stimulation treatment," and it would have prohibited hydraulic or acid fracturing for the exploration or production of oil or natural gas, basically banning "fracking" in any form. Neither bill was heard in all committees, and this initiative was permanently postponed when the 2020 Session adjourned.

SWFWMD Boundaries: [SB 386](#) by Senator Bradley and [HB 1333](#) by Representative Stone are companion bills that revise the boundaries of SWFWMD by transferring lands in Levy County from SWFWMD to the Suwannee River Water Management District. SB 386 received 3 references by the President. HB 1333 received 3 references by the Speaker. Neither bill was heard in all committees, and this initiative was permanently postponed when the 2020 Session adjourned.

Recycled Water: [CS/HB 715](#) by Representative Maggard and [CS/CS/SB 1656](#) by Senator Albritton were companion bills that created new section 403.8531 relating to the use of reclaimed water for multiple purposes. The legislation provided for findings; provided for drinking water standards and other permissible uses for recycled water; prohibited the exclusion of recycled water use from specified regional water supply planning; directed the Department of Environmental Protection to engage in rulemaking to implement the legislation; and restricted the manner in which domestic waste water may be disposed of beginning on January 1, 2026. CS/CS/SB 1656 was not heard in all committees and the initiative died when the 2020 Session adjourned.

Bottled Water Excise Tax: [HB 861](#) by Representative Eskamani and [SB 1112](#) by Senator Taddeo were companion bills that imposed an excise tax of 12.5 cents per gallon on waters extracted by a bottled water operator; provided for the filing of tax returns and penalties for the failure to file a return or substantially under pays the tax; and granted authority to the Department of Revenue to enforce compliance. Neither bill was heard in committees, and this initiative was permanently postponed when the 2020 Session adjourned.

Florida Safe Drinking Water Act: [HB 1427](#) by Representative Diamond and [SB 1720](#) by Senator Cruz were companion bills that required DEP to promulgate rules for statewide maximum contaminant levels for specified pollutants in potable water sources. SB 1720 received 3 committee references and has passed the first committee.



2020 FLORIDA LEGISLATIVE SESSION RECAP

C|P CORCORAN PARTNERS

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Executive Summary

Overview

When the 2020 legislative session began in mid-January, lawmakers had already settled on a variety of policy priorities, many put forward by Governor DeSantis who proposed a \$91.4 billion budget for the fiscal year. The Governor, who identified 2020 as the “year of the teacher”, asked the legislature to set minimum teacher salaries at \$47,500 per year, with an additional \$300 million bonus program for educators. He also charged lawmakers with addressing Everglades restoration and water-quality issues, including implementing state task force recommendations to curb algae blooms and red tide. House Speaker Jose Oliva’s top priority was to press for independent practice by advanced practice registered nurses, while Senate President Bill Galvano remained focused on ensuring support for individuals with disabilities.

As the legislature approached the March 13 end-of-session deadline, many began to question whether lawmakers would adjourn on time. House and Senate budget conferees faced an uphill battle as the deadline loomed, with the Senate proposing a \$92.83 billion spending package and the House at \$91.37 billion. On Friday, March 6, the Appropriations Committee chairs announced they had reached consensus on budget allocation parameters. Conference committee members remained in Tallahassee over the weekend, and then worked through the following week and weekend, to bridge the \$1.4 billion gap between the House and Senate proposals.

Members also intensified negotiations on unresolved issues, such as how much funding to set aside for teacher pay and affordable housing, and whether to require businesses to check workers’ legal status through the federal online E-Verify system. Other items were taken off the table, including closing the so-called gun show loophole and revising Florida’s alimony, car insurance and personal injury protection laws. Very much on the table, however, was the need to address rising COVID-19 concerns which posed immediate consequences on budget negotiations, including the tax package and, depending how mitigation and containment efforts evolved, for state revenues as well.

On March 13, lawmakers approved a one-week extended session, effectively ending further consideration of all pending legislation except the budget. Legislators concluded their negotiations and published the final appropriations bills on Sunday, March 15, before returning to Tallahassee to pass the spending package on March 19. The legislature could meet again over the summer to account for impacts associated with the ongoing public health emergency caused by the COVID-19 virus, and to resolve the currently lapsed Seminole Compact which had contributed \$3 billion a year to state revenues. Should this come to pass, we will of course keep you informed. In the meantime, we wanted to provide you with a brief overview of some of the key policy issues addressed during this year’s regular session.

Executive Summary

Budget

The House and Senate unanimously passed a \$93.2 billion budget for the upcoming 2020-2021 fiscal year. A key focus during this year's session was an effort to boost public school teacher recruitment and retention by increasing teacher salaries. A priority for Governor DeSantis, the spending package passed by the legislature allocates \$500 million to increase teacher salaries, with \$400 million of that sum set aside to increase starting teacher pay to \$47,500 and the remaining \$100 million available for salary increases for veteran teachers and other instructional staff. This funding does not include substitute teachers.

This year's spending plan also includes a three percent across-the-board salary increase for state employees, \$100 million for the Florida Forever everglades conservation program and \$50 million for the embattled Visit Florida tourism-marketing agency. The appropriations package also set aside \$300 million in a "budget stabilization fund" that could be used to offset revenue losses due to COVID-19, as well as \$52.2 million to directly combat the virus and \$27 million in emergency funds from the federal government. Overall, the bill increases state reserves to approximately \$4 billion.

Environment

In his inaugural address in 2019, Governor DeSantis said, "Water is part and parcel of Florida's DNA. Protecting it is the smart thing to do, it's also the right thing to do." The legislature responded by unanimously approving landmark environmental legislation. It also allocated \$690 million for Florida Everglades restoration and other water-related projects, another \$100 million for the Florida Forever land-conservation program, and increased fines for environmental violations.

The Clean Waterways Act, which contains most of the Governor's priorities, implements the Blue-Green Algae Task Force recommendations and includes initiatives on septic-to-sewer conversion, wastewater, stormwater, agriculture and biosolids. Another bill requires municipalities and state agencies to submit 50-year sea level impact projection (SLIP) studies to the state's Department of Environmental Protection (DEP) before using tax revenues to build structures within the coastal building zone.

Executive Summary

E-Verify

With a strong push from Governor DeSantis, and following weeks of back-and-forth by lawmakers, E-Verify legislation is headed to the Governor's desk. The measure requires public employers to use the federal E-Verify system but allows private employers to use either the E-Verify database or the current I-9 process to determine whether employees are legally permitted to work in the United States. Businesses that receive state-funded economic incentives would be required to use E-Verify, as would government contractors and all public employers, including local school districts, public universities and state agencies.

Health Insurance

Concerns over the use of personal genetic information by third parties prompted the legislature to extend prohibitions against the use of this information by health insurers to underwrite policies or set rates to now include long-term care and life insurance policies. Going forward, these insurers will also be barred from canceling, limiting, or denying coverage, or establishing differentials in premium rates, based on genetic information. A separate bill, if signed by the Governor, will require health insurance carriers to provide reasonable reimbursement to air ambulance services in a medical emergency.

School Safety

Despite broad bi-partisan support, a major school safety package -- including requirements on school districts to improve security and mental health training, establish emergency family reunification plans, and set criteria for assigning students to a civil citation or pre-arrest diversion program -- failed to pass this year. Beginning with the 2021-2022 school year, however, public schools will need to implement a mobile panic alert system to ensure real-time coordination between multiple first responder agencies. School districts may implement a system to be developed by DOE or use additional strategies or systems in a school security emergency.

Executive Summary

Student Athletics

Under legislation passed this session, member schools of the Florida High School Athletic Association (FHSAA) will now be required to identify heat stress levels at which a cooling zone must be made available for athletic activities. Attempts to set aside time for opening remarks by schools before the start of athletic events, including but not limited to prayer, were not successful. At the college level, athletes will be able to be paid for the use of their likeness, receive endorsement deals and hire agents. Such compensation cannot be provided in exchange for athletic performance, nor can athletes agree to terms that conflict with their intercollegiate team contract.

Tax Package

As the session drew to a close, last minute adjustments were made to the tax package to accommodate the additional funding set aside to address the coronavirus. The final \$47.7 million tax relief package included a three-day back-to-school sales tax holiday from August 7-August 9 for clothing, footwear and backpacks costing \$60 or less, school supplies costing \$15 or less, and on the first \$1,000 sales price of personal computers and related accessories. A disaster preparedness sales tax holiday from May 29-June 4 will include, among other items, generators costing \$750 or less, radios and tarps selling for \$50 or less, batteries and food storage coolers selling for \$30 or less, and flashlights and lanterns selling for \$20 or less.

Regarding property tax, future local referenda to levy a school capital outlay surtax must now specify that the revenues will be shared with charter schools based on their proportionate share of the total school district enrollment. Also exempt from property tax are vacant affordable housing units and those occupied by persons or families that met the qualifying income thresholds at the time they began their tenancy, but whose income grew through the income thresholds.

Contributions to nonprofit scholarship-funding organizations under the Florida Tax Credit Scholarship Program will now count toward a taxpayer's "final tax liability" for purposes of calculating corporate income tax refunds. Non-profit hospitals will be required to document the value of charitable services they provide, and their current charity tax exemption will be limited to the value of that charity care.

Executive Summary

Tax Package (continued)

The bill reduces the tax rate applied to surplus lines policies from 5 percent to 4.94 percent and applies that rate to all policies, regardless of the location of the risk. The bill also increases the population limit under which a county is authorized to use its tourist development tax revenues for zoological parks, fishing piers, and nature centers, from 750,000 to 950,000.

Tobacco/Vaping

In the final days of the legislative session, the House and Senate agreed on a bill to restrict the sale of tobacco and tobacco products to individuals 21 years of age or older. Sales from a vending machine would be allowed only in venues that exclude persons under 21 from their premises at all times. Anyone under 21 caught smoking or vaping at any time of day within 1,000 feet of school property is subject to a fine of \$25 or 50 hours of community service. Additional penalties would apply to violators under the age of 18 who also would need to complete a school-approved anti-tobacco/anti-vaping “alternative to suspension” program.

Fast Facts from Legislative Session

PRESENTED BY:
C|P CORCORAN PARTNERS

FAST FACTS

from Session

Session Lasted 66 Days

January 14, 2020 - March 19, 2020



Amendments

2,596 Amendments were Filed

40 Floor Sessions

Bills

3,578 Bills and PCBs were Filed



Passed Bills

210 Bills Passed Both Chambers



4,223 Votes were Taken

Compared to Last Session

13 More Bills were Passed this Session Compared to 2019

State Budget Approved

The House and Senate Voted 136-0



2020-2021 State Budget Facts

THE STATE BUDGET

For the 2020-2021 Fiscal Year

Florida's \$93.2 Billion Budget

Passed unanimously by the House and Senate



COVID-19

\$52 million for fighting COVID-19 and \$300 million in reserves



Education

\$367.6 million in Educational Capital Outlay

\$23.5 billion in total appropriations for Early Learning Services, Public Schools, Colleges, Universities + More



Visit Florida

Florida's Marketing Agency received \$50 million



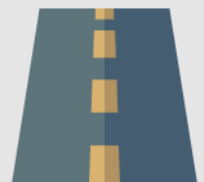
Environment

\$690 million was allotted to Everglades restoration and other water-related projects throughout the state



\$13.7 billion for Affordable Housing Programs, Transportation Work Program, Job Growth Grant Fund + More

Transportation + Economic Development



\$500 million to increase teacher pay

Teacher Pay



Health & Human Services

\$39.4 billion



Agriculture

\$6.6 billion



Criminal & Civil Justice

\$5.6 billion





STATISTICS REPORT

A Statistical Breakdown Of All Bills By
Bill Number, Bill Type, And Actions

C|P CORCORAN PARTNERS

FLORIDA LEGISLATURE-REGULAR SESSION-2020

STATISTICS REPORT

SENATE BILLS	FILED	PASSED SENATE	PASSED BOTH CHAMBERS
CONCURRENT RESOLUTIONS	4	2	2
RESOLUTIONS(ONE CHAMBER)	40	26	0
GENERAL BILLS	923	124	80
LOCAL BILLS	5	0	0
JOINT RESOLUTIONS	16	0	0
MEMORIALS	11	2	0
TOTALS	999	154	82*

HOUSE BILLS	FILED	PASSED HOUSE	PASSED BOTH CHAMBERS
CONCURRENT RESOLUTIONS	3	0	0
RESOLUTIONS(ONE CHAMBER)	44	42	0
GENERAL BILLS	776	193	111
LOCAL BILLS	35	15	15
JOINT RESOLUTIONS	11	7	2
MEMORIALS	15	1	0
APPROPRIATIONS PROJECTS	1634	0	0
TOTALS	2518	258	128*

SENATE AND HOUSE BILLS	FILED	PASSED FIRST CHAMBER	PASSED BOTH CHAMBERS
CONCURRENT RESOLUTIONS	7	2	2
RESOLUTIONS(ONE CHAMBER)	84	68	0
GENERAL BILLS	1699	317	191
LOCAL BILLS	40	15	15
JOINT RESOLUTIONS	27	7	2
MEMORIALS	26	3	0
APPROPRIATIONS PROJECTS	1634	0	0
TOTALS	3517	412	210*

FLORIDA LEGISLATURE-REGULAR SESSION-2020

STATISTICS REPORT

	SENATE BILLS	HOUSE BILLS	TOTAL
GOVERNOR HAS NOT RECEIVED	75	122	197
BILLS TO CONFERENCE COMMITTEES	0	3	3
BILLS PASSED AS AMENDED	47	76	123
COMMITTEES			
COMMITTEE SUBSTITUTE (CS)	337	289	626
CS/CS	113	113	226
CS/CS/CS	20	21	41
FAVORABLE SENATE COMMITTEE REPORT	324	1	325
FAVORABLE WITH AMENDMENT(S) - SENATE COMMITTEE REPORT	0	2	2
FAVORABLE HOUSE COMMITTEE REPORT	0	1758	1758
FAVORABLE WITH AMENDMENT(S) - HOUSE COMMITTEE REPORT	0	0	0
FAVORABLE WITH CS AMENDMENT(S) - HOUSE COMMITTEE REPORT	0	0	0
UNFAVORABLE SENATE COMMITTEE REPORT	1	0	1
UNFAVORABLE HOUSE COMMITTEE REPORT	0	0	0
GOVERNOR			
APPROVED	5	4	9
BECAME LAW WITHOUT SIGNATURE	0	0	0
VETOED	0	0	0
LINE-ITEM VETOED	0	0	0
FILED WITH SECRETARY OF STATE (JT. RES., CONC. RES., MEM.)	2	0	2
RESOLUTIONS ADOPTED	26	42	68
FAILED TO PASS SENATE	0	0	0
FAILED TO PASS HOUSE	0	0	0
FAILED TO PASS SENATE, FURTHER ACTION TAKEN	0	1	1
LAID ON TABLE	120	79	199
WITHDRAWN PRIOR TO INTRODUCTION	9	31	40
W/D FROM FURTHER CONSIDERATION	4	0	4
IN SENATE COMMITTEE	1	0	1
DIED, NOT INTRODUCED	9	0	9
DIED IN SENATE COMMITTEES	691	79	770
DIED IN HOUSE COMMITTEES	0	455	455
DIED IN SENATE RETURNING MESSAGES	2	1	3
DIED IN HOUSE MESSAGES	37	0	37
DIED IN HOUSE RETURNING MESSAGES	2	6	8
DIED ON SENATE CALENDAR	11	2	13
DIED ON HOUSE CALENDAR	5	68	73

FLORIDA LEGISLATURE-REGULAR SESSION-2020

STATISTICS REPORT

SENATE BILLS

CONCURRENT RESOLUTIONS

S 74 S 392 S 1180 S 1936

CONCURRENT RESOLUTIONS - PASSED FIRST CHAMBER

S 1180 S 1936

RESOLUTIONS(ONE CHAMBER)

S 36 S 214 S 222 S 490 S 546 S 730 S 964 S 1008 S 1252 S 1458 S 1572 S 1604 S 1610 S 1704 S 1730
S 1774 S 1804 S 1890 S 1892 S 1894 S 1896 S 1898 S 1900 S 1902 S 1904 S 1906 S 1908 S 1910 S 1912 S 1914
S 1916 S 1918 S 1920 S 1922 S 1924 S 1926 S 1928 S 1930 S 1932 S 1934

FLORIDA LEGISLATURE-REGULAR SESSION-2020

STATISTICS REPORT
SENATE BILLS

GENERAL BILLS

S 2	S 6	S 8	S 16	S 18	S 20	S 22	S 24	S 26	<u>S 28</u>	S 32	S 34	S 38	S 40	S 42
S 44	S 46	S 48	S 50	S 52	S 54	S 56	S 58	S 62	S 64	S 66	S 68	<u>S 70</u>	<u>S 72</u>	S 76
<u>S 78</u>	S 80	<u>S 82</u>	S 84	S 86	S 88	S 90	S 92	S 94	S 96	S 98	S 100	S 104	S 106	S 108
S 110	S 112	S 114	S 116	S 118	S 120	S 122	<u>S 124</u>	S 126	S 128	S 130	S 132	S 134	S 136	S 138
<u>S 140</u>	S 144	S 148	S 150	S 152	S 154	<u>S 156</u>	S 158	S 160	S 162	S 164	S 166	S 168	S 170	<u>S 172</u>
S 174	<u>S 178</u>	S 180	S 182	S 184	S 186	S 188	S 190	S 192	S 194	S 196	S 198	S 200	S 202	S 204
S 206	S 208	S 210	S 212	S 216	<u>S 218</u>	S 220	<u>S 226</u>	S 228	S 230	S 232	S 234	S 236	S 238	S 240
S 242	S 244	S 246	S 248	S 250	S 252	S 254	S 256	S 258	S 260	S 262	S 264	S 266	S 268	S 270
S 272	S 274	S 276	S 278	S 280	S 284	S 286	S 288	S 290	<u>S 292</u>	<u>S 294</u>	S 296	S 298	S 300	S 302
S 304	S 306	S 308	S 310	S 312	S 314	S 316	S 318	S 320	S 322	S 324	S 326	S 328	S 330	S 332
S 334	S 336	S 338	S 340	S 342	<u>S 344</u>	S 346	<u>S 348</u>	S 350	S 352	S 354	S 356	S 358	S 360	<u>S 362</u>
S 364	S 366	S 368	S 370	S 372	<u>S 374</u>	S 376	S 378	S 380	S 382	<u>S 384</u>	S 386	S 388	S 390	S 394
S 398	<u>S 400</u>	S 402	<u>S 404</u>	<u>S 406</u>	S 408	<u>S 410</u>	S 412	S 414	S 416	S 418	S 422	S 424	<u>S 426</u>	S 428
S 430	S 432	<u>S 434</u>	S 436	S 438	S 440	S 442	S 444	S 446	S 448	S 450	S 452	S 454	S 456	S 458
S 460	S 462	S 464	S 466	S 468	S 470	S 472	S 474	<u>S 476</u>	S 478	S 480	S 482	S 484	S 486	S 488
S 492	S 494	S 496	S 498	S 500	S 502	S 504	S 506	S 508	S 510	S 512	S 514	S 516	S 518	S 520
S 522	S 524	S 526	S 528	S 530	S 532	S 534	S 536	<u>S 538</u>	<u>S 540</u>	S 542	S 544	S 548	S 550	S 552
S 554	S 556	S 558	S 560	S 562	S 564	S 566	S 568	S 570	S 572	S 574	S 576	S 578	<u>S 580</u>	S 582
S 584	S 586	S 588	S 590	S 592	<u>S 594</u>	<u>S 596</u>	<u>S 598</u>	<u>S 600</u>	S 602	S 604	S 606	S 608	S 610	S 612
S 614	S 616	S 618	S 620	S 622	S 624	S 626	S 628	S 630	S 632	S 634	S 636	S 638	S 640	S 642
S 644	<u>S 646</u>	S 648	S 650	S 652	S 654	S 656	S 658	S 660	<u>S 662</u>	<u>S 664</u>	S 666	S 668	S 670	S 672
S 674	S 676	S 678	<u>S 680</u>	S 682	S 684	S 686	S 688	S 690	S 692	S 694	S 696	<u>S 698</u>	S 700	<u>S 702</u>
S 704	S 706	S 708	S 710	<u>S 712</u>	S 714	<u>S 716</u>	S 718	S 720	S 722	S 724	S 726	S 728	S 732	S 734
S 736	<u>S 738</u>	S 740	S 742	S 744	S 746	S 748	S 750	S 752	S 754	S 756	S 758	S 760	S 762	S 764
S 766	S 768	S 770	S 772	S 774	S 776	S 778	S 780	S 782	S 784	S 786	S 788	S 790	S 792	S 794
S 796	S 798	S 800	S 802	S 804	S 806	S 808	<u>S 810</u>	S 812	S 814	S 816	S 818	S 820	S 822	S 824
S 826	<u>S 828</u>	<u>S 830</u>	S 832	S 834	S 836	<u>S 838</u>	S 840	S 842	S 844	S 846	S 848	S 850	S 852	S 854
S 856	S 858	S 860	S 862	S 864	S 866	S 868	S 870	S 872	S 874	S 876	S 878	S 880	S 882	S 884
<u>S 886</u>	S 888	S 890	S 892	S 894	S 896	S 898	S 900	S 902	S 904	S 906	S 908	S 910	S 912	S 914
S 916	S 918	S 920	S 922	S 924	S 926	S 928	S 930	S 932	S 934	<u>S 936</u>	S 938	S 940	S 942	S 944
S 946	S 948	S 950	<u>S 952</u>	S 954	S 956	S 958	S 960	S 962	<u>S 966</u>	S 968	S 970	S 972	S 980	S 990
S 992	<u>S 994</u>	S 996	S 998	S 1000	S 1002	S 1004	S 1006	S 1010	S 1012	S 1014	S 1016	S 1018	S 1020	S 1022
S 1024	S 1026	S 1028	S 1030	S 1032	S 1034	S 1036	S 1038	S 1040	S 1042	S 1044	S 1046	S 1048	<u>S 1050</u>	S 1052
S 1054	<u>S 1056</u>	S 1058	<u>S 1060</u>	S 1062	<u>S 1066</u>	S 1068	S 1070	S 1072	S 1074	S 1078	S 1080	<u>S 1082</u>	<u>S 1084</u>	S 1086
S 1088	S 1090	<u>S 1092</u>	S 1094	S 1096	S 1098	S 1100	S 1102	S 1104	S 1106	S 1108	S 1112	S 1114	<u>S 1116</u>	<u>S 1118</u>
<u>S 1120</u>	S 1122	S 1124	S 1126	S 1128	S 1130	S 1132	S 1134	S 1136	S 1138	S 1140	S 1142	S 1144	S 1146	S 1148
S 1150	S 1152	S 1154	S 1156	S 1158	S 1160	S 1162	S 1164	S 1166	S 1168	S 1170	S 1172	S 1174	S 1176	S 1178
S 1182	S 1184	S 1186	S 1188	S 1190	S 1192	S 1194	S 1196	S 1198	S 1200	S 1202	S 1204	S 1206	S 1208	S 1210
S 1212	S 1214	S 1218	S 1220	S 1224	S 1226	S 1228	S 1230	S 1232	S 1234	S 1236	S 1238	S 1240	S 1242	S 1244
S 1246	S 1248	S 1250	S 1254	S 1256	S 1258	S 1260	S 1262	S 1264	S 1266	S 1268	S 1270	S 1272	S 1274	<u>S 1276</u>
S 1278	S 1280	S 1282	S 1284	<u>S 1286</u>	S 1288	S 1290	<u>S 1292</u>	S 1294	S 1296	S 1298	S 1300	S 1302	S 1304	S 1306
S 1308	S 1310	S 1312	S 1314	S 1316	S 1318	S 1320	S 1322	S 1324	<u>S 1326</u>	S 1328	S 1330	S 1332	S 1334	S 1336
S 1338	S 1340	S 1342	<u>S 1344</u>	S 1346	S 1348	S 1350	S 1352	S 1354	S 1356	S 1358	S 1360	<u>S 1362</u>	S 1366	S 1368
S 1370	S 1372	S 1374	S 1376	S 1378	S 1380	S 1382	S 1384	S 1386	S 1388	S 1390	<u>S 1392</u>	S 1394	S 1396	<u>S 1398</u>
S 1400	S 1402	S 1404	S 1406	S 1408	S 1410	S 1412	<u>S 1414</u>	S 1416	S 1418	S 1420	S 1422	S 1424	S 1426	S 1428
S 1430	S 1432	S 1434	S 1436	S 1438	S 1440	S 1442	S 1444	S 1446	S 1448	S 1450	S 1454	S 1456	S 1462	S 1464
<u>S 1466</u>	S 1468	S 1470	S 1472	S 1474	S 1476	S 1478	S 1482	S 1484	S 1486	S 1488	S 1490	S 1492	S 1494	S 1496
S 1498	S 1500	S 1504	S 1506	<u>S 1508</u>	S 1510	S 1512	S 1514	S 1516	S 1518	S 1520	S 1522	S 1524	S 1526	S 1528
S 1530	S 1532	S 1534	S 1536	S 1538	S 1540	S 1542	S 1544	S 1546	S 1548	S 1550	S 1552	S 1554	S 1556	S 1558
S 1560	S 1562	S 1564	S 1566	S 1568	S 1570	S 1574	S 1576	S 1578	S 1580	S 1582	S 1584	S 1586	S 1588	S 1590
S 1592	S 1594	S 1596	S 1598	S 1600	S 1602	<u>S 1606</u>	S 1608	S 1612	S 1614	S 1616	S 1618	S 1620	S 1622	S 1624
S 1626	S 1628	S 1630	S 1632	S 1634	S 1636	S 1638	S 1640	S 1642	S 1644	S 1646	S 1648	S 1650	S 1654	S 1656
S 1660	S 1662	S 1664	S 1666	S 1668	S 1670	S 1672	S 1676	S 1678	S 1680	S 1682	S 1684	S 1686	S 1688	S 1690
S 1692	S 1694	S 1696	S 1698	S 1700	S 1702	S 1706	S 1708	S 1710	S 1712	<u>S 1714</u>	S 1716	S 1718	S 1720	S 1722
S 1724	S 1726	S 1728	S 1732	S 1734	S 1736	S 1738	S 1740	<u>S 1742</u>	S 1744	S 1746	S 1748	S 1750	S 1752	S 1754
S 1758	S 1760	S 1762	S 1764	S 1766	S 1768	S 1770	S 1772	S 1776	S 1778	S 1780	S 1782	S 1784	S 1786	S 1788
S 1790	S 1792	<u>S 1794</u>	S 1796	S 1798	S 1800	S 1802	S 1806	S 1808	S 1810	S 1814	S 1818	S 1820	S 1822	S 1824
S 1826	S 1828	S 1830	S 1832	S 1834	S 1836	S 1838	S 1840	S 1842	S 1844	S 1846	S 1848	S 1850	S 1852	S 1854
S 1856	S 1858	S 1860	S 1862	S 1864	S 1866	S 1868	S 1870	S 1872	S 1874	S 1876	S 1878	S 1880	S 1882	S 1884
S 1886	S 1888	S 2500	S 2502	S 2504	<u>S 2506</u>	S 7000	S 7002	<u>S 7004</u>	S 7006	S 7008	S 7010	<u>S 7012</u>	S 7014	S 7016
<u>S 7018</u>	S 7020	S 7022	S 7024	S 7028	S 7030	S 7032	S 7034	S 7036	S 7038	S 7040	S 7042	S 7044	S 7046	S 7048
S 7050	S 7052	S 7054	S 7056	S 7058	S 7060	S 7064	S 7066							

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S 220	<u>S 226</u>	S 248	<u>S 292</u>	<u>S 294</u>	<u>S 344</u>	S 346	<u>S 348</u>	<u>S 362</u>	S 364	S 368	<u>S 374</u>	<u>S 384</u>	<u>S 400</u>	<u>S 404</u>
<u>S 406</u>	<u>S 410</u>	<u>S 426</u>	<u>S 434</u>	<u>S 476</u>	S 486	S 500	S 512	<u>S 538</u>	<u>S 540</u>	<u>S 580</u>	<u>S 594</u>	<u>S 596</u>	<u>S 598</u>	<u>S 600</u>
S 630	<u>S 646</u>	<u>S 662</u>	<u>S 664</u>	S 666	<u>S 680</u>	<u>S 698</u>	S 700	<u>S 702</u>	<u>S 712</u>	<u>S 716</u>	S 728	<u>S 738</u>	S 798	<u>S 810</u>
S 826	<u>S 828</u>	<u>S 830</u>	<u>S 838</u>	S 884	<u>S 886</u>	S 918	S 922	<u>S 936</u>	<u>S 952</u>	<u>S 966</u>	<u>S 994</u>	<u>S 1050</u>	<u>S 1056</u>	<u>S 1060</u>
<u>S 1066</u>	<u>S 1082</u>	<u>S 1084</u>	<u>S 1092</u>	<u>S 1116</u>	<u>S 1118</u>	<u>S 1120</u>	S 1146	S 1244	S 1262	S 1270	S 1272	<u>S 1276</u>	<u>S 1286</u>	<u>S 1292</u>
<u>S 1326</u>	<u>S 1344</u>	S 1354	<u>S 1362</u>	S 1376	<u>S 1392</u>	S 1394	<u>S 1398</u>	<u>S 1414</u>	<u>S 1466</u>	S 1490	<u>S 1508</u>	S 1552	S 1582	S 1590

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MEMORIALS-PASSED FIRST CHAMBER

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S 348 S 362 S 374 S 384 S 400 S 404 S 406 S 410 S 426 S 434 S 538 S 540 S 580 S 646 S 662
S 664 S 680 S 698 S 702 S 712 S 716 S 738 S 810 S 828 S 830 S 838 S 886 S 936 S 952 S 966
S 994 S 1050 S 1056 S 1060 S 1066 S 1082 S 1084 S 1092 S 1116 S 1118 S 1120 S 1276 S 1286 S 1292 S 1326
S 1344 S 1362 S 1392 S 1398 S 1414 S 1466 S 1508 S 1606 S 1714 S 1742 S 1794 S 2506 S 7004 S 7012 S 7018

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S 410 S 426 S 434 S 512 S 538 S 664 S 680 S 698 S 700 S 702 S 712 S 728 S 810 S 884 S 886
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S 322 S 324 S 326 S 328 S 330 S 344 S 346 S 352 S 356 S 358 S 364 S 368 S 372 S 376 S 380
S 402 S 404 S 406 S 410 S 412 S 414 S 418 S 422 S 426 S 434 S 464 S 470 S 474 S 476 S 478
S 498 S 500 S 502 S 504 S 506 S 508 S 512 S 514 S 520 S 522 S 524 S 530 S 534 S 536 S 538
S 542 S 544 S 552 S 554 S 556 S 566 S 572 S 574 S 580 S 584 S 602 S 604 S 606 S 618 S 620
S 626 S 636 S 646 S 652 S 656 S 658 S 660 S 662 S 664 S 666 S 668 S 670 S 676 S 680 S 682
S 684 S 688 S 698 S 700 S 702 S 708 S 712 S 714 S 724 S 728 S 736 S 738 S 744 S 752 S 754
S 760 S 772 S 774 S 776 S 788 S 792 S 798 S 800 S 802 S 810 S 812 S 814 S 818 S 822 S 826
S 834 S 838 S 844 S 846 S 852 S 856 S 858 S 864 S 868 S 870 S 872 S 878 S 880 S 884 S 888
S 894 S 898 S 906 S 914 S 916 S 922 S 928 S 928 S 952 S 956 S 958 S 966 S 994 S 996 S 998 S 1000
S 1006 S 1018 S 1024 S 1030 S 1036 S 1044 S 1050 S 1054 S 1056 S 1060 S 1062 S 1066 S 1070 S 1074 S 1078
S 1082 S 1086 S 1094 S 1102 S 1114 S 1118 S 1120 S 1124 S 1128 S 1146 S 1148 S 1152 S 1154 S 1166 S 1170
S 1188 S 1198 S 1206 S 1212 S 1214 S 1216 S 1220 S 1228 S 1236 S 1240 S 1258 S 1260 S 1262 S 1264 S 1270
S 1276 S 1286 S 1296 S 1298 S 1302 S 1308 S 1312 S 1320 S 1324 S 1326 S 1328 S 1332 S 1336 S 1338 S 1344
S 1350 S 1352 S 1356 S 1360 S 1366 S 1370 S 1372 S 1378 S 1382 S 1392 S 1394 S 1396 S 1398 S 1402 S 1404
S 1414 S 1416 S 1420 S 1438 S 1440 S 1450 S 1454 S 1456 S 1464 S 1466 S 1470 S 1482 S 1484 S 1490 S 1492
S 1496 S 1498 S 1500 S 1504 S 1506 S 1508 S 1510 S 1514 S 1516 S 1544 S 1548 S 1552 S 1556 S 1564 S 1568
S 1572 S 1578 S 1582 S 1586 S 1590 S 1594 S 1600 S 1606 S 1624 S 1628 S 1632 S 1634 S 1636 S 1642 S 1656
S 1662 S 1668 S 1672 S 1676 S 1678 S 1692 S 1694 S 1696 S 1716 S 1718 S 1726 S 1728 S 1738 S 1742 S 1746
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S 1060 S 1066 S 1070 S 1094 S 1118 S 1120 S 1154 S 1166 S 1188 S 1216 S 1220 S 1258 S 1262 S 1270 S 1286
S 1324 S 1332 S 1352 S 1370 S 1372 S 1392 S 1394 S 1404 S 1414 S 1440 S 1450 S 1464 S 1484 S 1508 S 1514
S 1516 S 1552 S 1556 S 1564 S 1606 S 1624 S 1628 S 1656 S 1668 S 1676 S 1692 S 1694 S 1696 S 1718 S 1726
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S 420 S 422 S 426 S 434 S 436 S 444 S 468 S 476 S 484 S 486 S 494 S 496 S 500 S 504 S 508
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**STATISTICS REPORT
SENATE BILLS**

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S 866	S 876	S 880	S 884	<u>S 886</u>	S 888	S 890	S 898	S 900	S 906	S 912	S 914	S 916	S 918	S 920
S 926	S 928	<u>S 936</u>	S 946	<u>S 952</u>	<u>S 966</u>	S 974	S 976	S 978	S 980	<u>S 994</u>	S 1002	S 1006	S 1014	S 1018
S 1020	S 1042	S 1044	S 1048	<u>S 1050</u>	S 1054	<u>S 1056</u>	<u>S 1060</u>	S 1074	S 1076	<u>S 1080</u>	<u>S 1082</u>	<u>S 1084</u>	S 1088	S 1090
<u>S 1092</u>	S 1100	S 1102	S 1104	S 1108	S 1110	<u>S 1116</u>	S 1122	S 1128	S 1130	S 1140	S 1142	S 1144	S 1146	S 1148
S 1164	S 1170	S 1174	S 1186	S 1188	S 1192	S 1198	S 1212	S 1214	S 1216	S 1218	S 1224	S 1244	S 1246	S 1256
S 1258	S 1260	S 1270	S 1272	<u>S 1276</u>	S 1282	S 1284	<u>S 1286</u>	<u>S 1292</u>	S 1296	S 1298	S 1302	S 1304	S 1306	S 1312
<u>S 1326</u>	S 1332	<u>S 1344</u>	S 1352	S 1354	<u>S 1362</u>	S 1366	S 1374	S 1376	S 1390	S 1394	<u>S 1398</u>	S 1406	S 1412	S 1416
S 1424	S 1458	<u>S 1466</u>	S 1490	S 1492	S 1500	S 1502	<u>S 1508</u>	S 1512	S 1542	S 1544	S 1550	S 1556	S 1564	S 1570
<u>S 1572</u>	S 1580	S 1582	S 1586	S 1590	<u>S 1606</u>	S 1618	S 1624	S 1632	S 1634	S 1636	S 1644	S 1650	S 1662	S 1672
S 1688	S 1690	S 1696	<u>S 1704</u>	S 1706	<u>S 1714</u>	S 1720	S 1738	<u>S 1742</u>	S 1746	S 1756	S 1766	S 1772	S 1784	S 1802
S 1872	S 1874	S 7000	S 7002	<u>S 7004</u>	S 7006	S 7008	S 7014	<u>S 7016</u>	S 7020	S 7022	S 7032	S 7034	S 7036	S 7038
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S 604	S 660	S 688	S 708	S 714	S 726	S 736	S 752	S 774	S 792	S 812	S 814	S 822	S 836	S 852
S 880	S 888	S 898	S 912	S 916	S 946	S 998	S 1002	S 1018	S 1020	S 1042	S 1070	S 1074	S 1076	S 1080
S 1094	S 1140	S 1148	S 1166	S 1170	S 1188	S 1220	S 1224	S 1228	S 1256	S 1258	S 1296	S 1298	S 1312	S 1324
S 1332	S 1352	S 1366	S 1370	S 1424	S 1440	S 1450	S 1464	S 1482	S 1514	S 1516	S 1542	S 1544	S 1556	S 1564
S 1618	S 1628	S 1636	S 1662	S 1672	S 1676	S 1692	S 1694	S 1696	S 1726	S 1738	S 1784	S 1870	S 1872	S 2500
S 2502	S 2504	S 7002	S 7006	S 7008	S 7014	S 7022	S 7032	S 7034	S 7036	S 7038	S 7040	S 7044	S 7058	S 7064

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S 40	S 42	S 46	S 48	S 50	S 52	S 54	S 56	S 60	S 62	S 64	S 66	S 74	S 76	S 80
S 84	S 86	S 90	S 92	S 94	S 96	S 98	S 104	S 106	S 108	S 110	S 112	S 114	S 116	S 120
S 126	S 130	S 132	S 134	S 138	S 144	S 150	S 152	S 158	S 164	S 166	S 168	S 174	S 176	S 180
S 182	S 184	S 186	S 188	S 192	S 194	S 196	S 198	S 200	S 202	S 204	S 206	S 208	S 210	S 212
S 216	S 224	S 228	S 232	S 234	S 236	S 238	S 240	S 242	S 244	S 250	S 252	S 254	S 256	S 258
S 260	S 262	S 264	S 266	S 268	S 270	S 272	S 274	S 276	S 278	S 280	S 282	S 284	S 286	S 288
S 296	S 298	S 300	S 304	S 306	S 308	S 310	S 314	S 316	S 318	S 322	S 324	S 328	S 330	S 332
S 334	S 336	S 338	S 342	S 350	S 354	S 360	S 366	S 370	S 376	S 378	S 382	S 386	S 390	S 392
S 394	S 398	S 416	S 418	S 424	S 428	S 430	S 432	S 436	S 438	S 442	S 444	S 446	S 448	S 450
S 452	S 454	S 456	S 458	S 460	S 462	S 464	S 466	S 468	S 470	S 472	S 478	S 480	S 482	S 484
S 488	S 492	S 494	S 496	S 498	S 502	S 508	S 514	S 516	S 518	S 520	S 522	S 526	S 528	S 530
S 532	S 534	S 536	S 544	S 548	S 550	S 552	S 554	S 556	S 558	S 560	S 562	S 564	S 566	S 568
S 570	S 572	S 574	S 576	S 578	S 582	S 584	S 586	S 588	S 590	S 592	S 602	S 606	S 608	S 610
S 612	S 614	S 616	S 618	S 620	S 622	S 624	S 626	S 628	S 632	S 634	S 636	S 638	S 640	S 644
S 648	S 650	S 652	S 654	S 656	S 658	S 668	S 670	S 672	S 674	S 676	S 678	S 682	S 684	S 686
S 690	S 692	S 694	S 696	S 704	S 706	S 710	S 718	S 720	S 722	S 724	S 732	S 734	S 740	S 742
S 744	S 746	S 748	S 750	S 754	S 756	S 758	S 760	S 762	S 764	S 766	S 768	S 770	S 772	S 776
S 778	S 780	S 782	S 784	S 786	S 788	S 790	S 794	S 796	S 800	S 802	S 804	S 806	S 816	S 818
S 820	S 824	S 832	S 834	S 840	S 842	S 844	S 846	S 848	S 850	S 854	S 856	S 858	S 860	S 862
S 864	S 866	S 868	S 870	S 872	S 874	S 876	S 878	S 882	S 890	S 892	S 894	S 896	S 900	S 902
S 904	S 906	S 908	S 910	S 914	S 920	S 924	S 926	S 928	S 930	S 932	S 934	S 938	S 940	S 942
S 944	S 948	S 950	S 954	S 956	S 958	S 960	S 962	S 968	S 970	S 972	S 974	S 976	S 980	S 990
S 992	S 996	S 1000	S 1004	S 1006	S 1010	S 1012	S 1014	S 1016	S 1022	S 1024	S 1026	S 1028	S 1030	S 1032
S 1034	S 1036	S 1038	S 1040	S 1044	S 1046	S 1048	S 1052	S 1054	S 1058	S 1062	S 1064	S 1068	S 1072	S 1078
S 1086	S 1088	S 1090	S 1096	S 1098	S 1100	S 1102	S 1104	S 1106	S 1108	S 1110	S 1112	S 1114	S 1122	S 1124
S 1126	S 1128	S 1130	S 1132	S 1134	S 1136	S 1138	S 1142	S 1144	S 1150	S 1152	S 1154	S 1156	S 1158	S 1160
S 1162	S 1164	S 1168	S 1172	S 1174	S 1176	S 1178	S 1182	S 1184	S 1186	S 1190	S 1192	S 1194	S 1196	S 1198

(BILLS UNDERLINED HAVE PASSED BOTH CHAMBERS—
ADOPTED ONE-CHAMBER RESOLUTIONS ALSO UNDERLINED)

FLORIDA LEGISLATURE-REGULAR SESSION-2020

STATISTICS REPORT
SENATE BILLS

DIED IN SENATE COMMITTEES

S 1200	S 1202	S 1204	S 1206	S 1208	S 1210	S 1212	S 1214	S 1218	S 1222	S 1226	S 1230	S 1232	S 1234	S 1236
S 1238	S 1240	S 1242	S 1246	S 1248	S 1250	S 1254	S 1260	S 1264	S 1266	S 1268	S 1274	S 1278	S 1280	S 1282
S 1284	S 1288	S 1290	S 1294	S 1300	S 1302	S 1304	S 1306	S 1308	S 1310	S 1314	S 1316	S 1318	S 1320	S 1322
S 1328	S 1330	S 1334	S 1336	S 1338	S 1340	S 1342	S 1346	S 1348	S 1350	S 1356	S 1358	S 1360	S 1364	S 1368
S 1372	S 1374	S 1378	S 1380	S 1382	S 1384	S 1390	S 1396	S 1400	S 1402	S 1406	S 1408	S 1410	S 1412	S 1416
S 1418	S 1420	S 1422	S 1426	S 1428	S 1430	S 1432	S 1434	S 1436	S 1438	S 1442	S 1444	S 1446	S 1448	S 1452
S 1454	S 1456	S 1458	S 1460	S 1462	S 1468	S 1470	S 1472	S 1474	S 1476	S 1478	S 1480	S 1484	S 1486	S 1488
S 1494	S 1496	S 1498	S 1502	S 1504	S 1506	S 1510	S 1512	S 1518	S 1520	S 1522	S 1524	S 1526	S 1528	S 1530
S 1532	S 1534	S 1536	S 1538	S 1540	S 1546	S 1548	S 1550	S 1554	S 1558	S 1560	S 1562	S 1566	S 1568	S 1570
S 1574	S 1576	S 1578	S 1580	S 1584	S 1586	S 1588	S 1592	S 1594	S 1596	S 1598	S 1600	S 1602	S 1612	S 1614
S 1620	S 1622	S 1626	S 1630	S 1632	S 1634	S 1638	S 1640	S 1642	S 1644	S 1646	S 1648	S 1650	S 1652	S 1654
S 1656	S 1658	S 1660	S 1664	S 1666	S 1668	S 1670	S 1674	S 1678	S 1680	S 1682	S 1684	S 1686	S 1688	S 1690
S 1698	S 1700	S 1702	S 1706	S 1708	S 1710	S 1712	S 1716	S 1718	S 1720	S 1722	S 1724	S 1728	S 1732	S 1734
S 1736	S 1740	S 1744	S 1746	S 1748	S 1750	S 1752	S 1754	S 1756	S 1758	S 1760	S 1762	S 1764	S 1766	S 1768
S 1770	S 1772	S 1776	S 1778	S 1780	S 1782	S 1786	S 1788	S 1790	S 1792	S 1796	S 1798	S 1800	S 1804	S 1806
S 1808	S 1810	S 1812	S 1814	S 1816	S 1818	S 1820	S 1822	S 1824	S 1826	S 1828	S 1830	S 1832	S 1834	S 1836
S 1838	S 1840	S 1842	S 1844	S 1846	S 1848	S 1850	S 1852	S 1854	S 1856	S 1858	S 1860	S 1862	S 1864	S 1866
S 1868	S 1874	S 1878	S 1880	S 1882	S 1884	S 1886	S 1888	S 1922	S 7024	S 7028	S 7030	S 7042	S 7050	S 7054

S 7062

DIED IN SENATE RETURNING MESSAGES

S 700 S 1270

DIED IN HOUSE MESSAGES

S 88	S 128	S 154	S 220	S 248	S 364	S 420	S 486	S 500	S 512	S 630	S 666	S 798	S 826	S 884
S 918	S 922	S 978	S 1146	S 1244	S 1262	S 1272	S 1354	S 1394	S 1490	S 1552	S 1590	S 1624	S 1802	S 7000
S 7010	S 7016	S 7020	S 7046	S 7048	S 7056	S 7066								

DIED IN HOUSE RETURNING MESSAGES

S 1582 S 1876

DIED ON SENATE CALENDAR

S 142	S 162	S 396	S 524	S 542	S 1216	S 1404	S 1492	S 1500	S 7052	S 7060
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DIED ON HOUSE CALENDAR

S 100	S 346	S 368	S 728	S 1376
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FLORIDA LEGISLATURE-REGULAR SESSION-2020

STATISTICS REPORT
HOUSE BILLS

CONCURRENT RESOLUTIONS

H 5 H 33 H 239

RESOLUTIONS(ONE CHAMBER)

H 51	H 323	<u>H 8001</u>	<u>H 8003</u>	<u>H 8005</u>	<u>H 8007</u>	<u>H 8009</u>	<u>H 8011</u>	<u>H 8013</u>	<u>H 8015</u>	<u>H 8017</u>	<u>H 8019</u>	<u>H 8021</u>	<u>H 8023</u>	<u>H 8025</u>
<u>H 8027</u>	<u>H 8029</u>	<u>H 8031</u>	<u>H 8033</u>	<u>H 8035</u>	<u>H 8037</u>	<u>H 8039</u>	<u>H 8041</u>	<u>H 8043</u>	<u>H 8045</u>	<u>H 8047</u>	<u>H 8049</u>	<u>H 8051</u>	<u>H 8053</u>	<u>H 8055</u>
<u>H 8057</u>	<u>H 8059</u>	<u>H 8061</u>	<u>H 8063</u>	<u>H 8065</u>	<u>H 8067</u>	<u>H 8069</u>	<u>H 8071</u>	<u>H 8073</u>	<u>H 8075</u>	<u>H 8077</u>	<u>H 8079</u>	<u>H 8081</u>	<u>H 8083</u>	

GENERAL BILLS

H 1	H 3	H 7	H 9	H 21	H 23	H 25	H 27	H 29	H 31	H 35	<u>H 37</u>	H 39	H 41	<u>H 43</u>
H 45	H 47	H 49	H 53	H 55	H 57	<u>H 59</u>	<u>H 61</u>	H 63	H 65	H 67	H 69	H 71	<u>H 73</u>	H 75
H 77	H 79	<u>H 81</u>	H 83	H 85	H 87	<u>H 89</u>	H 91	H 93	H 97	H 99	<u>H 101</u>	<u>H 103</u>	H 105	H 107
H 109	H 111	H 113	<u>H 115</u>	H 117	H 119	H 121	H 123	H 125	<u>H 131</u>	<u>H 133</u>	H 135	H 137	H 139	H 141
H 143	H 145	H 147	H 149	H 151	H 153	H 159	H 161	<u>H 163</u>	H 165	H 167	H 169	<u>H 171</u>	H 173	H 175
<u>H 177</u>	H 179	H 181	H 183	H 185	H 187	H 189	H 191	H 193	H 195	<u>H 197</u>	<u>H 199</u>	H 201	H 203	<u>H 205</u>
H 207	H 209	H 211	H 213	H 215	H 217	H 219	H 221	H 223	H 225	H 227	H 229	H 231	H 233	H 235
H 237	H 241	H 243	H 245	H 249	H 251	H 253	<u>H 255</u>	H 257	H 259	H 261	H 263	H 265	H 267	H 269
H 271	H 273	H 275	H 277	<u>H 279</u>	H 281	H 283	H 285	H 287	H 289	H 291	H 293	H 295	H 297	H 299
H 303	H 305	H 307	H 309	H 311	H 313	H 315	H 317	H 319	H 321	H 325	<u>H 327</u>	H 329	H 331	<u>H 333</u>
H 335	H 337	H 339	H 341	<u>H 343</u>	H 345	H 347	H 349	H 351	H 353	H 357	H 359	H 361	H 363	H 365
H 367	<u>H 371</u>	H 373	H 375	H 377	H 379	H 381	H 383	H 385	<u>H 387</u>	<u>H 389</u>	H 391	H 393	H 395	H 397
H 399	H 401	H 403	H 405	H 407	H 409	H 411	H 413	H 415	H 417	H 419	H 421	H 425	H 427	H 429
H 431	H 433	H 435	<u>H 437</u>	H 439	<u>H 441</u>	H 445	H 447	H 449	H 451	H 453	H 455	H 457	H 459	H 461
H 463	H 465	<u>H 467</u>	<u>H 469</u>	H 471	H 473	H 475	H 479	H 481	H 485	H 487	H 489	H 491	H 493	H 495
H 497	H 499	H 503	<u>H 505</u>	H 507	H 509	H 511	H 513	H 515	H 517	H 519	H 521	H 523	H 527	<u>H 529</u>
H 531	H 533	H 535	H 537	H 539	H 541	H 543	H 547	<u>H 549</u>	H 551	H 553	H 555	H 557	<u>H 559</u>	H 561
H 563	H 565	H 567	H 569	H 571	<u>H 573</u>	H 575	H 577	H 579	H 581	H 583	H 585	H 587	H 589	H 591
H 593	H 595	<u>H 599</u>	H 601	H 603	H 605	<u>H 607</u>	H 609	H 611	H 613	H 615	H 619	H 621	H 623	<u>H 625</u>
H 627	H 629	H 631	H 633	H 635	H 637	H 639	<u>H 641</u>	H 643	H 645	H 647	H 649	H 651	H 653	H 655
H 657	<u>H 659</u>	H 661	H 663	H 665	H 667	H 669	H 671	<u>H 675</u>	H 677	H 679	H 681	H 683	H 685	H 687
H 689	H 691	H 693	H 695	H 697	H 699	H 701	<u>H 705</u>	H 707	H 709	H 711	<u>H 713</u>	H 715	<u>H 717</u>	H 719
H 721	H 723	H 725	H 727	H 729	<u>H 731</u>	H 733	H 735	H 737	H 739	H 741	<u>H 743</u>	H 745	<u>H 747</u>	H 749
H 751	H 755	H 757	H 759	H 761	<u>H 763</u>	<u>H 767</u>	H 769	H 771	H 773	H 775	H 777	H 779	H 781	<u>H 783</u>
H 785	<u>H 787</u>	<u>H 789</u>	H 791	H 793	H 795	H 797	H 799	H 801	H 803	H 805	H 807	H 809	H 811	<u>H 813</u>
H 815	H 817	H 819	<u>H 821</u>	H 823	H 825	H 827	H 829	H 831	H 833	<u>H 835</u>	H 837	H 839	H 841	H 843
H 845	H 847	H 849	H 851	H 853	H 855	H 857	H 859	H 861	H 863	H 865	H 867	H 869	H 871	H 873
H 875	<u>H 879</u>	H 881	H 883	H 885	H 887	H 889	H 891	H 893	H 895	H 897	H 899	<u>H 901</u>	H 903	H 905
H 907	H 911	H 913	<u>H 915</u>	H 917	H 919	<u>H 921</u>	H 923	H 929	H 931	H 933	H 935	H 937	H 939	H 941
H 943	<u>H 945</u>	H 949	H 951	H 953	H 955	H 957	H 959	H 961	H 963	H 965	H 967	<u>H 969</u>	<u>H 971</u>	H 973
<u>H 977</u>	H 979	H 981	H 991	H 993	H 995	H 997	H 999	H 1001	H 1003	<u>H 1005</u>	H 1007	<u>H 1009</u>	H 1011	H 1013
H 1015	H 1017	H 1019	H 1021	H 1023	H 1025	H 1027	H 1029	H 1031	H 1033	H 1035	H 1037	<u>H 1039</u>	H 1043	H 1045
<u>H 1047</u>	<u>H 1049</u>	H 1051	H 1053	H 1055	H 1057	H 1059	<u>H 1061</u>	H 1063	H 1065	H 1067	H 1069	H 1071	H 1073	H 1077
H 1081	H 1083	H 1085	<u>H 1087</u>	<u>H 1089</u>	<u>H 1091</u>	<u>H 1095</u>	H 1097	H 1099	H 1101	H 1103	<u>H 1105</u>	H 1107	H 1109	H 1111
H 1113	H 1123	H 1125	H 1127	H 1129	H 1131	H 1133	<u>H 1135</u>	H 1137	H 1139	H 1141	H 1143	H 1145	H 1147	H 1149
H 1153	H 1155	H 1157	H 1159	H 1161	H 1163	H 1165	H 1167	H 1169	H 1171	H 1173	H 1175	H 1177	<u>H 1179</u>	H 1181
H 1183	H 1185	H 1187	<u>H 1189</u>	H 1191	<u>H 1193</u>	H 1195	H 1197	H 1199	H 1201	H 1203	H 1205	H 1207	H 1209	H 1211
<u>H 1213</u>	H 1217	H 1219	H 1221	H 1223	H 1225	H 1227	H 1229	H 1231	H 1233	H 1235	H 1237	H 1239	H 1243	H 1245
H 1247	<u>H 1249</u>	H 1251	H 1253	H 1255	H 1257	<u>H 1259</u>	H 1261	H 1263	H 1265	H 1267	H 1269	H 1271	H 1273	<u>H 1275</u>
H 1277	H 1279	H 1281	H 1283	H 1285	H 1287	H 1289	H 1293	H 1295	H 1297	H 1305	H 1309	H 1311	H 1313	H 1315
H 1317	H 1319	H 1321	H 1323	H 1327	H 1329	H 1331	H 1333	H 1335	H 1337	<u>H 1339</u>	H 1341	H 1343	H 1347	H 1349
H 1351	H 1353	H 1355	H 1357	H 1359	H 1361	H 1363	H 1365	H 1367	H 1369	H 1371	<u>H 1373</u>	H 1377	H 1379	H 1381
H 1383	H 1385	H 1387	H 1389	<u>H 1391</u>	<u>H 1393</u>	H 1395	H 1397	H 1399	H 1401	H 1405	H 1407	<u>H 1409</u>	H 1411	H 1413
H 1415	H 1417	H 1419	H 1421	H 1423	H 1425	H 1427	H 1429	H 1431	H 1433	H 1435	H 1437	<u>H 1439</u>	H 1441	H 1443
H 1445	H 1447	H 1449	H 1451	H 1455	H 1457	H 1459	<u>H 1461</u>	<u>H 5001</u>	<u>H 5003</u>	<u>H 5005</u>	<u>H 5007</u>	H 5101	H 5201	<u>H 5301</u>
H 5401	H 6001	H 6003	H 6005	H 6007	H 6009	H 6011	H 6013	H 6015	H 6017	H 6019	H 6021	H 6023	H 6025	<u>H 6027</u>
H 6029	H 6031	H 6033	H 6035	H 6037	H 6039	H 6041	H 6043	H 6045	H 6047	H 6049	H 6051	H 6053	<u>H 6055</u>	H 6057
H 6059	H 6061	H 6063	H 6065	H 6067	H 6069	H 6071	H 6073	H 6075	H 6077	H 6079	H 6081	H 6083	H 6085	H 6087
H 6509	H 6511	H 6515	H 6517	H 6521	H 6523	<u>H 7001</u>	<u>H 7003</u>	<u>H 7005</u>	H 7007	<u>H 7009</u>	<u>H 7011</u>	<u>H 7013</u>	<u>H 7015</u>	H 7017
<u>H 7019</u>	H 7021	<u>H 7023</u>	H 7025	H 7027	H 7029	H 7031	H 7033	H 7035	H 7037	<u>H 7039</u>	H 7041	H 7043	H 7045	H 7047
<u>H 7049</u>	H 7051	H 7053	H 7055	H 7057	H 7059	H 7063	H 7065	<u>H 7067</u>	H 7069	H 7071	H 7073	<u>H 7075</u>	H 7077	H 7079
H 7081	H 7083	H 7085	H 7087	H 7089	H 7091	<u>H 7095</u>	<u>H 7097</u>	H 7099	H 7101	H 7103				

GENERAL BILLS-PASSED FIRST CHAMBER

H 1	H 3	H 7	<u>H 37</u>	<u>H 43</u>	<u>H 59</u>	<u>H 61</u>	<u>H 73</u>	<u>H 81</u>	<u>H 89</u>	<u>H 101</u>	<u>H 103</u>	<u>H 115</u>	<u>H 131</u>	<u>H 133</u>
<u>H 163</u>	<u>H 171</u>	<u>H 177</u>	<u>H 197</u>	<u>H 199</u>	<u>H 205</u>	H 223	<u>H 255</u>	<u>H 279</u>	H 283	H 303	<u>H 327</u>	<u>H 333</u>	<u>H 343</u>	H 351
<u>H 371</u>	<u>H 387</u>	<u>H 389</u>	H 395	<u>H 437</u>	<u>H 441</u>	<u>H 467</u>	<u>H 469</u>	H 471	H 491	<u>H 505</u>	H 519	H 523	<u>H 529</u>	<u>H 549</u>
H 551	<u>H 559</u>	H 569	<u>H 573</u>	H 575	H 577	<u>H 599</u>	<u>H 607</u>	H 623	<u>H 625</u>	<u>H 641</u>	<u>H 659</u>	<u>H 675</u>	H 687	H 689
<u>H 705</u>	H 707	H 711	<u>H 713</u>	H 715	<u>H 717</u>	H 725	<u>H 731</u>	H 733	H 737	<u>H 743</u>	<u>H 747</u>	H 757	<u>H 763</u>	<u>H 767</u>
H 773	<u>H 783</u>	<u>H 787</u>	<u>H 789</u>	H 799	H 801	<u>H 813</u>	<u>H 821</u>	H 825	H 827	H 833	<u>H 835</u>	H 851	H 853	H 867
<u>H 879</u>	<u>H 901</u>	<u>H 915</u>	H 919	<u>H 921</u>	H 941	<u>H 945</u>	H 955	H 959	H 967	<u>H 969</u>	<u>H 971</u>	<u>H 977</u>	H 991	<u>H 1005</u>
<u>H 1009</u>	H 1013	<u>H 1039</u>	<u>H 1047</u>	<u>H 1049</u>	H 1059	<u>H 1061</u>	H 1083	H 1085	<u>H 1087</u>	<u>H 1089</u>	<u>H 1091</u>	<u>H 1095</u>	H 1103	<u>H 1105</u>
<u>H 1135</u>	H 1143	H 1147	H 1149	H 1155	H 1169	<u>H 1179</u>	H 1185	H 1187	<u>H 1189</u>	<u>H 1193</u>	H 1205	<u>H 1213</u>	H 1217	H 1231
<u>H 1249</u>	H 1257	<u>H 1259</u>	H 1273	<u>H 1275</u>	H 1323	H 1327	H 1335	<u>H 1339</u>	H 1371	<u>H 1373</u>	H 1391	<u>H 1393</u>	<u>H 1409</u>	<u>H 1439</u>
<u>H 1461</u>	<u>H 5001</u>	<u>H 5003</u>	<u>H 5005</u>	<u>H 5007</u>	H 5101	H 5201	<u>H 5301</u>	H 5401	<u>H 6027</u>	<u>H 6037</u>	<u>H 6055</u>	H 6059	<u>H 7001</u>	<u>H 7003</u>

FLORIDA LEGISLATURE-REGULAR SESSION-2020

03/24/2020
12:16:04

STATISTICS REPORT
HOUSE BILLS

GENERAL BILLS-PASSED FIRST CHAMBER

H 7005 H 7009 H 7011 H 7013 H 7015 H 7019 H 7023 H 7025 H 7039 H 7045 H 7047 H 7049 H 7053 H 7055 H 7065
H 7067 H 7069 H 7071 H 7075 H 7077 H 7079 H 7081 H 7085 H 7091 H 7095 H 7097 H 7101 H 7103

LOCAL BILLS

H 355 H 423 H 483 H 597 H 617 H 673 H 753 H 925 H 927 H 947 H 975 H 983 H 985 H 987 H 989
H 1041 H 1075 H 1079 H 1115 H 1117 H 1119 H 1121 H 1151 H 1215 H 1299 H 1301 H 1303 H 1345 H 1375 H 1463
H 1465 H 6501 H 6503 H 6513 H 6519

LOCAL BILLS-PASSED FIRST CHAMBER

H 355 H 423 H 597 H 617 H 925 H 927 H 947 H 989 H 1041 H 1215 H 1303 H 1375 H 1463 H 1465 H 6501

JOINT RESOLUTIONS

H 95 H 157 H 247 H 301 H 369 H 477 H 545 H 877 H 1325 H 7061 H 7093

JOINT RESOLUTIONS-PASSED FIRST CHAMBER

H 157 H 301 H 369 H 877 H 1325 H 7061 H 7093

MEMORIALS

H 127 H 129 H 155 H 443 H 501 H 525 H 703 H 765 H 909 H 1093 H 1241 H 1291 H 1307 H 1403 H 1453

MEMORIALS-PASSED FIRST CHAMBER

H 443

APPROPRIATIONS PROJECTS

H 2001 H 2003 H 2005 H 2007 H 2009 H 2011 H 2013 H 2015 H 2017 H 2019 H 2021 H 2023 H 2025 H 2027 H 2029
H 2031 H 2033 H 2035 H 2037 H 2039 H 2041 H 2043 H 2045 H 2047 H 2049 H 2051 H 2053 H 2055 H 2057 H 2059
H 2061 H 2063 H 2065 H 2067 H 2069 H 2071 H 2073 H 2075 H 2077 H 2079 H 2081 H 2083 H 2085 H 2087 H 2089
H 2091 H 2093 H 2095 H 2097 H 2099 H 2101 H 2103 H 2105 H 2107 H 2109 H 2111 H 2113 H 2115 H 2117 H 2119
H 2121 H 2123 H 2125 H 2127 H 2129 H 2131 H 2133 H 2135 H 2137 H 2139 H 2141 H 2143 H 2145 H 2147 H 2149
H 2151 H 2153 H 2155 H 2157 H 2159 H 2161 H 2163 H 2165 H 2167 H 2169 H 2171 H 2173 H 2175 H 2177 H 2179
H 2181 H 2183 H 2185 H 2187 H 2189 H 2191 H 2193 H 2195 H 2197 H 2199 H 2201 H 2203 H 2205 H 2207 H 2209
H 2211 H 2213 H 2215 H 2217 H 2219 H 2221 H 2223 H 2225 H 2227 H 2229 H 2231 H 2233 H 2235 H 2237 H 2239
H 2241 H 2243 H 2245 H 2247 H 2249 H 2251 H 2253 H 2255 H 2257 H 2259 H 2261 H 2263 H 2265 H 2267 H 2269
H 2271 H 2273 H 2275 H 2277 H 2279 H 2281 H 2283 H 2285 H 2287 H 2289 H 2291 H 2293 H 2295 H 2297 H 2299
H 2301 H 2303 H 2305 H 2307 H 2309 H 2311 H 2313 H 2315 H 2317 H 2319 H 2321 H 2323 H 2325 H 2327 H 2329
H 2331 H 2333 H 2335 H 2337 H 2339 H 2341 H 2343 H 2345 H 2347 H 2349 H 2351 H 2353 H 2355 H 2357 H 2359
H 2361 H 2363 H 2365 H 2367 H 2369 H 2371 H 2373 H 2375 H 2377 H 2379 H 2381 H 2383 H 2385 H 2387 H 2389
H 2391 H 2393 H 2395 H 2397 H 2399 H 2401 H 2403 H 2405 H 2407 H 2409 H 2411 H 2413 H 2415 H 2417 H 2419
H 2421 H 2423 H 2425 H 2427 H 2429 H 2431 H 2433 H 2435 H 2437 H 2439 H 2441 H 2443 H 2445 H 2447 H 2449
H 2451 H 2453 H 2455 H 2457 H 2459 H 2461 H 2463 H 2465 H 2467 H 2469 H 2471 H 2473 H 2475 H 2477 H 2479
H 2481 H 2483 H 2485 H 2487 H 2489 H 2491 H 2493 H 2495 H 2497 H 2499 H 2501 H 2503 H 2505 H 2507 H 2509
H 2511 H 2513 H 2515 H 2517 H 2519 H 2521 H 2523 H 2525 H 2527 H 2529 H 2531 H 2533 H 2535 H 2537 H 2539
H 2541 H 2543 H 2545 H 2547 H 2549 H 2551 H 2553 H 2555 H 2557 H 2559 H 2561 H 2563 H 2565 H 2567 H 2569
H 2571 H 2573 H 2575 H 2577 H 2579 H 2581 H 2583 H 2585 H 2587 H 2589 H 2591 H 2593 H 2595 H 2597 H 2599
H 2601 H 2603 H 2605 H 2607 H 2609 H 2611 H 2613 H 2615 H 2617 H 2619 H 2621 H 2623 H 2625 H 2627 H 2629
H 2631 H 2633 H 2635 H 2637 H 2639 H 2641 H 2643 H 2645 H 2647 H 2649 H 2651 H 2653 H 2655 H 2657 H 2659
H 2661 H 2663 H 2665 H 2667 H 2669 H 2671 H 2673 H 2675 H 2677 H 2679 H 2681 H 2683 H 2685 H 2687 H 2689
H 2691 H 2693 H 2695 H 2697 H 2699 H 2701 H 2703 H 2705 H 2707 H 2709 H 2711 H 2713 H 2715 H 2717 H 2719
H 2721 H 2723 H 2725 H 2727 H 2729 H 2731 H 2733 H 2735 H 2737 H 2739 H 2741 H 2743 H 2745 H 2747 H 2749
H 2751 H 2753 H 2755 H 2757 H 2759 H 2761 H 2763 H 2765 H 2767 H 2769 H 2771 H 2773 H 2775 H 2777 H 2779
H 2781 H 2783 H 2785 H 2787 H 2789 H 2791 H 2793 H 2795 H 2797 H 2799 H 2801 H 2803 H 2805 H 2807 H 2809
H 2811 H 2813 H 2815 H 2817 H 2819 H 2821 H 2823 H 2825 H 2827 H 2829 H 2831 H 2833 H 2835 H 2837 H 2839
H 2841 H 2843 H 2845 H 2847 H 2849 H 2851 H 2853 H 2855 H 2857 H 2859 H 2861 H 2863 H 2865 H 2867 H 2869
H 2871 H 2873 H 2875 H 2877 H 2879 H 2881 H 2883 H 2885 H 2887 H 2889 H 2891 H 2893 H 2895 H 2897 H 2899
H 2901 H 2903 H 2905 H 2907 H 2909 H 2911 H 2913 H 2915 H 2917 H 2919 H 2921 H 2923 H 2925 H 2927 H 2929
H 2931 H 2933 H 2935 H 2937 H 2939 H 2941 H 2943 H 2945 H 2947 H 2949 H 2951 H 2953 H 2955 H 2957 H 2959
H 2961 H 2963 H 2965 H 2967 H 2969 H 2971 H 2973 H 2975 H 2977 H 2979 H 2981 H 2983 H 2985 H 2987 H 2989
H 2991 H 2993 H 2995 H 2997 H 2999 H 3001 H 3003 H 3005 H 3007 H 3009 H 3011 H 3013 H 3015 H 3017 H 3019
H 3021 H 3023 H 3025 H 3027 H 3029 H 3031 H 3033 H 3035 H 3037 H 3039 H 3041 H 3043 H 3045 H 3047 H 3049
H 3051 H 3053 H 3055 H 3057 H 3059 H 3061 H 3063 H 3065 H 3067 H 3069 H 3071 H 3073 H 3075 H 3077 H 3079
H 3081 H 3083 H 3085 H 3087 H 3089 H 3091 H 3093 H 3095 H 3097 H 3099 H 3101 H 3103 H 3105 H 3107 H 3109
H 3111 H 3113 H 3115 H 3117 H 3119 H 3121 H 3123 H 3125 H 3127 H 3129 H 3131 H 3133 H 3135 H 3137 H 3139
H 3141 H 3143 H 3145 H 3147 H 3149 H 3151 H 3153 H 3155 H 3157 H 3159 H 3161 H 3163 H 3165 H 3167 H 3169
H 3171 H 3173 H 3175 H 3177 H 3179 H 3181 H 3183 H 3185 H 3187 H 3189 H 3191 H 3193 H 3195 H 3197 H 3199
H 3201 H 3203 H 3205 H 3207 H 3209 H 3211 H 3213 H 3215 H 3217 H 3219 H 3221 H 3223 H 3225 H 3227 H 3229
H 3231 H 3233 H 3235 H 3237 H 3239 H 3241 H 3243 H 3245 H 3247 H 3249 H 3251 H 3253 H 3255 H 3257 H 3259
H 3261 H 3263 H 3265 H 3267 H 3269 H 3271 H 3273 H 3275 H 3277 H 3279 H 3281 H 3283 H 3285 H 3287 H 3289
H 3291 H 3293 H 3295 H 3297 H 3299 H 3301 H 3303 H 3305 H 3307 H 3309 H 3311 H 3313 H 3315 H 3317 H 3319
H 3321 H 3323 H 3325 H 3327 H 3329 H 3331 H 3333 H 3335 H 3337 H 3339 H 3341 H 3343 H 3345 H 3347 H 3349
H 3351 H 3353 H 3355 H 3357 H 3359 H 3361 H 3363 H 3365 H 3367 H 3369 H 3371 H 3373 H 3375 H 3377 H 3379
H 3381 H 3383 H 3385 H 3387 H 3389 H 3391 H 3393 H 3395 H 3397 H 3399 H 3401 H 3403 H 3405 H 3407 H 3409
H 3411 H 3413 H 3415 H 3417 H 3419 H 3421 H 3423 H 3425 H 3427 H 3429 H 3431 H 3433 H 3435 H 3437 H 3439
H 3441 H 3443 H 3445 H 3447 H 3449 H 3451 H 3453 H 3455 H 3457 H 3459 H 3461 H 3463 H 3465 H 3467 H 3469
H 3471 H 3473 H 3475 H 3477 H 3479 H 3481 H 3483 H 3485 H 3487 H 3489 H 3491 H 3493 H 3495 H 3497 H 3499
H 3501 H 3503 H 3505 H 3507 H 3509 H 3511 H 3513 H 3515 H 3517 H 3519 H 3521 H 3523 H 3525 H 3527 H 3529
H 3531 H 3533 H 3535 H 3537 H 3539 H 3541 H 3543 H 3545 H 3547 H 3549 H 3551 H 3553 H 3555 H 3557 H 3559

(BILLS UNDERLINED HAVE PASSED BOTH CHAMBERS—
ADOPTED ONE-CHAMBER RESOLUTIONS ALSO UNDERLINED)

FLORIDA LEGISLATURE-REGULAR SESSION-2020

STATISTICS REPORT
HOUSE BILLS

APPROPRIATIONS PROJECTS

H 3561	H 3563	H 3565	H 3567	H 3569	H 3571	H 3573	H 3575	H 3577	H 3579	H 3581	H 3583	H 3585	H 3587	H 3589
H 3591	H 3593	H 3595	H 3597	H 3599	H 3601	H 3603	H 3605	H 3607	H 3609	H 3611	H 3613	H 3615	H 3617	H 3619
H 3621	H 3623	H 3625	H 3627	H 3629	H 3631	H 3633	H 3635	H 3637	H 3639	H 3641	H 3643	H 3645	H 3647	H 3649
H 3651	H 3653	H 3655	H 3657	H 3659	H 3661	H 3663	H 3665	H 3667	H 3669	H 3671	H 3673	H 3675	H 3677	H 3679
H 3681	H 3683	H 3685	H 3687	H 3689	H 3691	H 3693	H 3695	H 3697	H 3699	H 3701	H 3703	H 3705	H 3707	H 3709
H 3711	H 3713	H 3715	H 3717	H 3719	H 3721	H 3723	H 3725	H 3727	H 3729	H 3731	H 3733	H 3735	H 3737	H 3739
H 3741	H 3743	H 3745	H 3747	H 3749	H 3751	H 3753	H 3755	H 3757	H 3759	H 3761	H 3763	H 3765	H 3767	H 3769
H 3771	H 3773	H 3775	H 3777	H 3779	H 3781	H 3783	H 3785	H 3787	H 3789	H 3791	H 3793	H 3795	H 3797	H 3799
H 3801	H 3803	H 3805	H 3807	H 3809	H 3811	H 3813	H 3815	H 3817	H 3819	H 3821	H 3823	H 3825	H 3827	H 3829
H 3831	H 3833	H 3835	H 3837	H 3839	H 3841	H 3843	H 3845	H 3847	H 3849	H 3851	H 3853	H 3855	H 3857	H 3859
H 3861	H 3863	H 3865	H 3867	H 3869	H 3871	H 3873	H 3875	H 3877	H 3879	H 3881	H 3883	H 3885	H 3887	H 3889
H 3891	H 3893	H 3895	H 3897	H 3899	H 3901	H 3903	H 3905	H 3907	H 3909	H 3911	H 3913	H 3915	H 3917	H 3919
H 3921	H 3923	H 3925	H 3927	H 3929	H 3931	H 3933	H 3935	H 3937	H 3939	H 3941	H 3943	H 3945	H 3947	H 3949
H 3951	H 3953	H 3955	H 3957	H 3959	H 3961	H 3963	H 3965	H 3967	H 3969	H 3971	H 3973	H 3975	H 3977	H 3979
H 3981	H 3983	H 3985	H 3987	H 3989	H 3991	H 3993	H 3995	H 3997	H 3999	H 4001	H 4003	H 4005	H 4007	H 4009
H 4011	H 4013	H 4015	H 4017	H 4019	H 4021	H 4023	H 4025	H 4027	H 4029	H 4031	H 4033	H 4035	H 4037	H 4039
H 4041	H 4043	H 4045	H 4047	H 4049	H 4051	H 4053	H 4055	H 4057	H 4059	H 4061	H 4063	H 4065	H 4067	H 4069
H 4071	H 4073	H 4075	H 4077	H 4079	H 4081	H 4083	H 4085	H 4087	H 4089	H 4091	H 4093	H 4095	H 4097	H 4099
H 4101	H 4103	H 4105	H 4107	H 4109	H 4111	H 4113	H 4115	H 4117	H 4119	H 4121	H 4123	H 4125	H 4127	H 4129
H 4131	H 4133	H 4135	H 4137	H 4139	H 4141	H 4143	H 4145	H 4147	H 4149	H 4151	H 4153	H 4155	H 4157	H 4159
H 4161	H 4163	H 4165	H 4167	H 4169	H 4171	H 4173	H 4175	H 4177	H 4179	H 4181	H 4183	H 4185	H 4187	H 4189
H 4191	H 4193	H 4195	H 4197	H 4199	H 4201	H 4203	H 4205	H 4207	H 4209	H 4211	H 4213	H 4215	H 4217	H 4219
H 4221	H 4223	H 4225	H 4227	H 4229	H 4231	H 4233	H 4235	H 4237	H 4239	H 4241	H 4243	H 4245	H 4247	H 4249
H 4251	H 4253	H 4255	H 4257	H 4259	H 4261	H 4263	H 4265	H 4267	H 4269	H 4271	H 4273	H 4275	H 4277	H 4279
H 4281	H 4283	H 4285	H 4287	H 4289	H 4291	H 4293	H 4295	H 4297	H 4299	H 4301	H 4303	H 4305	H 4307	H 4309
H 4311	H 4313	H 4315	H 4317	H 4319	H 4321	H 4323	H 4325	H 4327	H 4329	H 4331	H 4333	H 4335	H 4337	H 4339
H 4341	H 4343	H 4345	H 4347	H 4349	H 4351	H 4353	H 4355	H 4357	H 4359	H 4361	H 4363	H 4365	H 4367	H 4369
H 4371	H 4373	H 4375	H 4377	H 4379	H 4381	H 4383	H 4385	H 4387	H 4389	H 4391	H 4393	H 4395	H 4397	H 4399
H 4401	H 4403	H 4405	H 4407	H 4409	H 4411	H 4413	H 4415	H 4417	H 4419	H 4421	H 4423	H 4425	H 4427	H 4429
H 4431	H 4433	H 4435	H 4437	H 4439	H 4441	H 4443	H 4445	H 4447	H 4449	H 4451	H 4453	H 4455	H 4457	H 4459
H 4461	H 4463	H 4465	H 4467	H 4469	H 4471	H 4473	H 4475	H 4477	H 4479	H 4481	H 4483	H 4485	H 4487	H 4489
H 4491	H 4493	H 4495	H 4497	H 4499	H 4501	H 4503	H 4505	H 4507	H 4509	H 4511	H 4513	H 4515	H 4517	H 4519
H 4521	H 4523	H 4525	H 4527	H 4529	H 4531	H 4533	H 4535	H 4537	H 4539	H 4541	H 4543	H 4545	H 4547	H 4549
H 4551	H 4553	H 4555	H 4557	H 4559	H 4561	H 4563	H 4565	H 4567	H 4569	H 4571	H 4573	H 4575	H 4577	H 4579
H 4581	H 4583	H 4585	H 4587	H 4589	H 4591	H 4593	H 4595	H 4597	H 4599	H 4601	H 4603	H 4605	H 4607	H 4609
H 4611	H 4613	H 4615	H 4617	H 4619	H 4621	H 4623	H 4625	H 4627	H 4629	H 4631	H 4633	H 4635	H 4637	H 4639
H 4641	H 4643	H 4645	H 4647	H 4649	H 4651	H 4653	H 4655	H 4657	H 4659	H 4661	H 4663	H 4665	H 4667	H 4669
H 4671	H 4673	H 4675	H 4677	H 4679	H 4681	H 4683	H 4685	H 4687	H 4689	H 4691	H 4693	H 4695	H 4697	H 4699
H 4701	H 4703	H 4705	H 4707	H 4709	H 4711	H 4713	H 4715	H 4717	H 4719	H 4721	H 4723	H 4725	H 4727	H 4729
H 4731	H 4733	H 4735	H 4737	H 4739	H 4741	H 4743	H 4745	H 4747	H 4749	H 4751	H 4753	H 4755	H 4757	H 4759
H 4761	H 4763	H 4765	H 4767	H 4769	H 4771	H 4773	H 4775	H 4777	H 4779	H 4781	H 4783	H 4785	H 4787	H 4789
H 4791	H 4793	H 4795	H 4797	H 4799	H 4801	H 4803	H 4805	H 4807	H 4809	H 4811	H 4813	H 4815	H 4817	H 4819
H 4821	H 4823	H 4825	H 4827	H 4829	H 4831	H 4833	H 4835	H 4837	H 4839	H 4841	H 4843	H 4845	H 4847	H 4849
H 4851	H 4853	H 4855	H 4857	H 4859	H 4861	H 4863	H 4865	H 4867	H 4869	H 4871	H 4873	H 4875	H 4877	H 4879
H 4881	H 4883	H 4885	H 4887	H 4889	H 4891	H 4893	H 4895	H 4897	H 4899	H 4901	H 4903	H 4905	H 4907	H 4909
H 4911	H 4913	H 4915	H 4917	H 4919	H 4921	H 4923	H 4925	H 4927	H 4929	H 4931	H 4933	H 4935	H 4937	H 4939
H 4941	H 4943	H 4945	H 4947	H 4949	H 4951	H 4953	H 4955	H 4957	H 4959	H 4961	H 4963	H 4965	H 4967	H 4969
H 4971	H 4973	H 4975	H 4977	H 4979	H 4981	H 4983	H 4985	H 4987	H 4989	H 4991	H 4993	H 4995	H 4997	H 4999
H 9001	H 9003	H 9005	H 9007	H 9009	H 9011	H 9013	H 9015	H 9017	H 9019	H 9021	H 9023	H 9025	H 9027	H 9029
H 9031	H 9033	H 9035	H 9037	H 9039	H 9041	H 9043	H 9045	H 9047	H 9049	H 9051	H 9053	H 9055	H 9057	H 9059
H 9061	H 9063	H 9065	H 9067	H 9069	H 9071	H 9073	H 9075	H 9077	H 9079	H 9081	H 9083	H 9085	H 9087	H 9089
H 9091	H 9093	H 9095	H 9097	H 9099	H 9101	H 9103	H 9105	H 9107	H 9109	H 9111	H 9113	H 9115	H 9117	H 9119
H 9121	H 9123	H 9125	H 9127	H 9129	H 9131	H 9133	H 9135	H 9137	H 9139	H 9141	H 9143	H 9145	H 9147	H 9149
H 9151	H 9153	H 9155	H 9157	H 9159	H 9161	H 9163	H 9165	H 9167	H 9169	H 9171	H 9173	H 9175	H 9177	H 9179
H 9181	H 9183	H 9185	H 9187	H 9189	H 9191	H 9193	H 9195	H 9197	H 9199	H 9201	H 9203	H 9205	H 9207	H 9209
H 9211	H 9213	H 9215	H 9217	H 9219	H 9221	H 9223	H 9225	H 9227	H 9229	H 9231	H 9233	H 9235	H 9237	H 9239
H 9241	H 9243	H 9245	H 9247	H 9249	H 9251	H 9253	H 9255	H 9257	H 9259	H 9261	H 9263	H 9265	H 9267	

GOVERNOR HAS NOT RECEIVED

<u>H 37</u>	<u>H 43</u>	<u>H 59</u>	<u>H 61</u>	<u>H 73</u>	<u>H 81</u>	<u>H 89</u>	<u>H 101</u>	<u>H 103</u>	<u>H 115</u>	<u>H 131</u>	<u>H 133</u>	<u>H 163</u>	<u>H 171</u>	<u>H 177</u>
<u>H 197</u>	<u>H 199</u>	<u>H 205</u>	<u>H 255</u>	<u>H 279</u>	<u>H 327</u>	<u>H 333</u>	<u>H 343</u>	<u>H 355</u>	<u>H 371</u>	<u>H 387</u>	<u>H 423</u>	<u>H 437</u>	<u>H 441</u>	<u>H 467</u>
<u>H 469</u>	<u>H 505</u>	<u>H 529</u>	<u>H 549</u>	<u>H 559</u>	<u>H 573</u>	<u>H 597</u>	<u>H 617</u>	<u>H 625</u>	<u>H 641</u>	<u>H 659</u>	<u>H 675</u>	<u>H 705</u>	<u>H 713</u>	<u>H 717</u>
<u>H 731</u>	<u>H 743</u>	<u>H 747</u>	<u>H 763</u>	<u>H 767</u>	<u>H 783</u>	<u>H 787</u>	<u>H 789</u>	<u>H 813</u>	<u>H 821</u>	<u>H 835</u>	<u>H 879</u>	<u>H 901</u>	<u>H 915</u>	<u>H 921</u>
<u>H 925</u>	<u>H 927</u>	<u>H 945</u>	<u>H 947</u>	<u>H 969</u>	<u>H 971</u>	<u>H 977</u>	<u>H 989</u>	<u>H 1005</u>	<u>H 1009</u>	<u>H 1039</u>	<u>H 1041</u>	<u>H 1047</u>	<u>H 1049</u>	<u>H 1061</u>
<u>H 1089</u>	<u>H 1091</u>	<u>H 1095</u>	<u>H 1105</u>	<u>H 1135</u>	<u>H 1179</u>	<u>H 1189</u>	<u>H 1193</u>	<u>H 1213</u>	<u>H 1215</u>	<u>H 1249</u>	<u>H 1259</u>	<u>H 1275</u>	<u>H 1303</u>	<u>H 1339</u>
<u>H 1373</u>	<u>H 1375</u>	<u>H 1391</u>	<u>H 1393</u>	<u>H 1409</u>	<u>H 1439</u>	<u>H 1461</u>	<u>H 1463</u>	<u>H 1465</u>	<u>H 5001</u>	<u>H 5003</u>	<u>H 5005</u>	<u>H 5007</u>	<u>H 5301</u>	<u>H 6027</u>
<u>H 6055</u>	<u>H 6501</u>	<u>H 7001</u>	<u>H 7003</u>	<u>H 7005</u>	<u>H 7009</u>	<u>H 7011</u>	<u>H 7013</u>	<u>H 7015</u>	<u>H 7019</u>	<u>H 7023</u>	<u>H 7039</u>	<u>H 7049</u>	<u>H 7067</u>	<u>H 7075</u>
<u>H 7095</u>	<u>H 7097</u>													

BILLS TO CONFERENCE COMMITTEE

<u>H 5001</u>	<u>H 5003</u>	<u>H 5005</u>
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FLORIDA LEGISLATURE-REGULAR SESSION-2020

STATISTICS REPORT
HOUSE BILLS

BILLS PASSED AS AMENDED

H 3	H 7	<u>H 43</u>	<u>H 59</u>	<u>H 81</u>	<u>H 133</u>	<u>H 171</u>	<u>H 279</u>	H 283	<u>H 327</u>	<u>H 387</u>	<u>H 389</u>	H 395	<u>H 467</u>	<u>H 469</u>
H 519	H 569	<u>H 573</u>	H 575	<u>H 607</u>	H 623	<u>H 641</u>	H 689	<u>H 713</u>	<u>H 731</u>	<u>H 747</u>	<u>H 787</u>	<u>H 835</u>	<u>H 915</u>	<u>H 921</u>
H 941	<u>H 945</u>	<u>H 977</u>	H 1013	<u>H 1039</u>	H 1059	H 1083	<u>H 1087</u>	<u>H 1091</u>	<u>H 1095</u>	<u>H 1105</u>	<u>H 1135</u>	H 1143	<u>H 1189</u>	<u>H 1193</u>
<u>H 1213</u>	H 1231	H 1257	<u>H 1259</u>	<u>H 1275</u>	H 1323	H 1335	<u>H 1339</u>	H 1371	<u>H 1375</u>	<u>H 1391</u>	<u>H 1393</u>	<u>H 1465</u>	<u>H 5001</u>	<u>H 5003</u>
<u>H 5005</u>	H 5201	<u>H 6501</u>	<u>H 7011</u>	<u>H 7039</u>	H 7045	<u>H 7049</u>	H 7053	H 7065	<u>H 7067</u>	H 7077	H 7079	H 7085	H 7093	<u>H 7097</u>

H 7103

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H 1	H 3	H 7	H 9	H 21	H 23	<u>H 37</u>	H 39	<u>H 43</u>	H 57	<u>H 59</u>	<u>H 61</u>	H 65	<u>H 73</u>	<u>H 81</u>
<u>H 89</u>	<u>H 101</u>	<u>H 103</u>	<u>H 115</u>	<u>H 131</u>	<u>H 133</u>	<u>H 171</u>	<u>H 177</u>	H 183	H 185	H 187	<u>H 197</u>	<u>H 199</u>	H 201	H 203
<u>H 205</u>	H 207	H 209	H 211	H 223	H 241	H 253	<u>H 255</u>	H 259	H 269	<u>H 279</u>	H 283	H 293	H 295	H 307
H 309	H 311	H 313	H 319	H 321	<u>H 327</u>	<u>H 333</u>	<u>H 343</u>	H 345	H 349	H 351	H 359	H 377	<u>H 387</u>	<u>H 389</u>
H 391	H 393	H 395	H 401	H 421	<u>H 423</u>	H 429	H 433	H 435	<u>H 437</u>	<u>H 441</u>	H 443	H 445	H 453	H 459
H 461	<u>H 467</u>	H 487	H 491	H 495	H 503	<u>H 505</u>	H 511	H 519	<u>H 529</u>	H 537	<u>H 549</u>	H 551	<u>H 559</u>	H 563
H 565	<u>H 567</u>	H 569	H 571	<u>H 573</u>	H 577	H 579	H 587	H 591	<u>H 597</u>	<u>H 599</u>	H 605	<u>H 607</u>	H 609	H 613
<u>H 617</u>	H 623	<u>H 625</u>	H 637	H 647	H 649	<u>H 659</u>	H 665	<u>H 675</u>	H 681	H 687	H 689	<u>H 705</u>	H 707	H 709
H 711	<u>H 713</u>	H 715	<u>H 717</u>	H 723	H 729	<u>H 731</u>	H 733	H 741	H 745	<u>H 747</u>	H 749	H 755	H 757	<u>H 763</u>
<u>H 767</u>	H 775	H 777	<u>H 783</u>	<u>H 787</u>	<u>H 789</u>	H 793	H 801	H 811	<u>H 813</u>	<u>H 821</u>	H 825	H 827	<u>H 835</u>	H 843
H 851	H 865	H 867	H 871	H 883	H 895	<u>H 901</u>	H 903	<u>H 915</u>	H 919	<u>H 921</u>	<u>H 925</u>	<u>H 927</u>	H 931	H 941
<u>H 945</u>	H 951	H 953	H 967	<u>H 969</u>	<u>H 971</u>	<u>H 977</u>	<u>H 989</u>	H 991	H 1001	<u>H 1005</u>	H 1011	H 1013	H 1029	H 1035
<u>H 1039</u>	<u>H 1047</u>	<u>H 1049</u>	H 1055	H 1059	<u>H 1061</u>	H 1063	H 1071	H 1077	H 1079	H 1081	H 1083	H 1085	<u>H 1087</u>	<u>H 1089</u>
<u>H 1091</u>	<u>H 1095</u>	H 1103	<u>H 1105</u>	H 1111	H 1137	H 1139	H 1143	H 1145	H 1153	H 1163	H 1165	H 1169	<u>H 1179</u>	H 1181
H 1185	H 1187	<u>H 1193</u>	H 1201	H 1203	H 1205	H 1209	H 1211	<u>H 1213</u>	<u>H 1215</u>	H 1225	<u>H 1249</u>	H 1251	H 1255	H 1257
<u>H 1259</u>	H 1265	H 1271	<u>H 1275</u>	H 1281	H 1287	H 1289	H 1297	<u>H 1303</u>	H 1315	H 1319	H 1321	H 1323	H 1331	H 1335
<u>H 1339</u>	H 1341	H 1343	H 1347	H 1353	H 1363	H 1371	<u>H 1373</u>	H 1383	<u>H 1391</u>	<u>H 1393</u>	H 1395	H 1397	<u>H 1409</u>	H 1421
H 1435	H 1437	<u>H 1439</u>	H 1457	<u>H 1461</u>	H 2507	H 3749	H 3815	H 4439	H 6059	<u>H 6501</u>	H 6507	H 6517	H 6519	<u>H 7011</u>
H 7037	<u>H 7039</u>	H 7041	H 7045	H 7051	H 7053	H 7057	H 7059	H 7063	H 7065	<u>H 7067</u>	H 7069	H 7073	H 7077	H 7079
H 7087	H 7089	<u>H 7097</u>	H 7101											

COMMITTEE SUBSTITUTE FOR CS

H 7	H 23	H 39	<u>H 59</u>	<u>H 61</u>	H 65	<u>H 115</u>	<u>H 133</u>	H 185	H 187	H 203	<u>H 205</u>	H 209	H 241	H 253
H 259	H 269	<u>H 279</u>	H 283	H 311	<u>H 343</u>	H 351	H 359	H 377	H 391	H 395	<u>H 441</u>	H 445	H 459	H 495
H 537	H 569	H 571	<u>H 573</u>	H 587	H 591	<u>H 599</u>	H 605	<u>H 607</u>	H 613	H 623	<u>H 625</u>	H 637	H 647	H 649
H 689	<u>H 713</u>	H 715	H 723	<u>H 731</u>	H 733	H 745	<u>H 747</u>	H 755	<u>H 763</u>	<u>H 767</u>	<u>H 787</u>	<u>H 789</u>	<u>H 813</u>	<u>H 821</u>
H 843	H 865	H 867	H 883	H 895	H 903	<u>H 915</u>	<u>H 921</u>	<u>H 925</u>	H 931	<u>H 945</u>	H 967	<u>H 971</u>	<u>H 977</u>	H 991
H 1001	H 1011	H 1013	H 1029	H 1035	<u>H 1039</u>	<u>H 1061</u>	H 1063	H 1077	H 1081	<u>H 1091</u>	<u>H 1095</u>	H 1103	<u>H 1105</u>	H 1111
H 1137	H 1139	H 1143	H 1163	H 1181	H 1203	H 1209	<u>H 1213</u>	H 1225	<u>H 1249</u>	H 1255	<u>H 1259</u>	<u>H 1339</u>	H 1371	<u>H 1391</u>
<u>H 1393</u>	<u>H 1439</u>	<u>H 6501</u>	H 7037	H 7051	H 7053	H 7063	H 7079							

COMMITTEE SUBSTITUTE FOR CS/CS

H 39	H 65	<u>H 115</u>	H 187	H 203	H 209	H 283	H 391	H 395	H 623	H 637	H 647	H 649	H 689	<u>H 713</u>
H 895	H 1001	H 1013	<u>H 1339</u>	H 1371	<u>H 1391</u>									

FAVORABLE SENATE COMMITTEE REPORT

H 5301

FAVORABLE WITH AMENDMENT(S) - SENATE COMMITTEE REPORT

H 7049 H 7097

FAVORABLE HOUSE COMMITTEE REPORT

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<u>H 101</u>	<u>H 103</u>	H 113	<u>H 131</u>	<u>H 133</u>	H 153	H 157	<u>H 163</u>	H 167	<u>H 171</u>	H 175	<u>H 177</u>	H 183	H 185	H 195
<u>H 197</u>	<u>H 199</u>	<u>H 205</u>	H 207	H 211	H 221	H 223	H 253	<u>H 255</u>	H 259	H 265	H 267	<u>H 279</u>	H 301	H 303
H 305	H 307	H 309	H 311	H 313	H 315	H 319	<u>H 327</u>	H 329	<u>H 333</u>	<u>H 343</u>	H 345	H 349	<u>H 355</u>	<u>H 369</u>
<u>H 371</u>	H 383	<u>H 387</u>	<u>H 389</u>	H 393	H 401	H 409	H 413	<u>H 423</u>	H 433	H 435	<u>H 437</u>	<u>H 441</u>	H 443	H 459
<u>H 467</u>	<u>H 469</u>	H 471	H 479	H 481	H 485	H 487	H 491	H 495	H 503	<u>H 505</u>	H 511	H 519	H 523	<u>H 529</u>
H 533	H 535	H 537	<u>H 549</u>	H 551	<u>H 559</u>	H 563	H 567	H 569	H 571	<u>H 573</u>	H 575	H 577	H 579	H 581
H 583	H 589	H 591	H 593	<u>H 597</u>	<u>H 607</u>	H 609	H 613	H 615	<u>H 617</u>	<u>H 625</u>	H 639	<u>H 641</u>	<u>H 659</u>	H 661
<u>H 675</u>	H 681	H 687	<u>H 705</u>	H 707	H 709	H 711	H 715	<u>H 717</u>	H 723	H 725	H 729	<u>H 731</u>	H 737	H 741
<u>H 743</u>	H 745	<u>H 747</u>	H 755	H 757	<u>H 763</u>	<u>H 767</u>	H 771	H 773	H 775	H 777	<u>H 783</u>	<u>H 787</u>	<u>H 789</u>	H 795
H 799	H 801	H 811	<u>H 813</u>	H 825	H 827	H 833	<u>H 835</u>	H 843	H 851	H 853	H 855	H 865	H 869	<u>H 877</u>
<u>H 879</u>	H 883	H 887	H 893	<u>H 901</u>	<u>H 915</u>	H 919	<u>H 925</u>	<u>H 927</u>	H 931	H 935	H 941	H 943	<u>H 945</u>	<u>H 947</u>
H 951	H 953	H 955	H 957	H 959	H 967	<u>H 969</u>	<u>H 971</u>	<u>H 977</u>	<u>H 989</u>	H 991	<u>H 1005</u>	<u>H 1009</u>	H 1011	<u>H 1039</u>
<u>H 1041</u>	<u>H 1047</u>	<u>H 1049</u>	H 1059	<u>H 1061</u>	H 1063	H 1071	H 1073	H 1081	H 1083	H 1085	<u>H 1087</u>	<u>H 1089</u>	<u>H 1091</u>	<u>H 1095</u>
H 1097	<u>H 1105</u>	H 1111	H 1113	<u>H 1135</u>	H 1137	H 1139	H 1143	H 1145	H 1147	H 1149	H 1155	H 1157	H 1161	H 1163
H 1165	H 1169	H 1171	H 1173	<u>H 1179</u>	H 1181	H 1183	H 1185	H 1187	<u>H 1189</u>	<u>H 1193</u>	H 1199	H 1201	H 1203	H 1205
H 1207	H 1211	<u>H 1213</u>	<u>H 1215</u>	H 1217	H 1231	<u>H 1249</u>	H 1251	H 1253	H 1257	<u>H 1259</u>	H 1265	H 1273	<u>H 1275</u>	H 1279
H 1287	H 1289	H 1297	<u>H 1303</u>	H 1321	H 1323	H 1325	H 1327	H 1331	H 1335	H 1341	H 1343	H 1347	H 1353	H 1357
H 1361	H 1363	H 1367	H 1369	<u>H 1373</u>	<u>H 1375</u>	H 1387	H 1395	<u>H 1409</u>	H 1433	H 1437	H 1441	H 1443	H 1455	H 1457
<u>H 1461</u>	<u>H 1463</u>	<u>H 1465</u>	H 2001	H 2003	H 2005	H 2007	H 2009	H 2011	H 2013	H 2015	H 2017	H 2021	H 2023	H 2025
H 2027	H 2029	H 2031	H 2033	H 2035	H 2037	H 2041	H 2043	H 2045	H 2047	H 2049	H 2051	H 2053	H 2055	H 2057
H 2059	H 2063	H 2065	H 2067	H 2069	H 2071	H 2073	H 2075	H 2077	H 2079	H 2081	H 2083	H 2085	H 2087	H 2089
H 2091	H 2093	H 2095	H 2097	H 2101	H 2103	H 2105	H 2109	H 2111	H 2113	H 2115	H 2117	H 2119	H 2121	H 2123
H 2125	H 2127	H 2129	H 2131	H 2133	H 2137	H 2139	H 2141	H 2143	H 2145	H 2147	H 2149	H 2151	H 2153	H 2155
H 2157	H 2159	H 2161	H 2165	H 2167	H 2169	H 2171	H 2175	H 2177	H 2179	H 2181	H 2183	H 2185	H 2187	H 2191

FLORIDA LEGISLATURE-REGULAR SESSION-2020

STATISTICS REPORT
HOUSE BILLS

FAVORABLE HOUSE COMMITTEE REPORT

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H 2223	H 2227	H 2229	H 2231	H 2233	H 2235	H 2237	H 2239	H 2245	H 2247	H 2249	H 2251	H 2253	H 2255	H 2257
H 2259	H 2261	H 2263	H 2265	H 2267	H 2269	H 2271	H 2273	H 2275	H 2277	H 2279	H 2281	H 2283	H 2285	H 2287
H 2289	H 2291	H 2293	H 2295	H 2297	H 2299	H 2301	H 2303	H 2305	H 2307	H 2309	H 2311	H 2313	H 2315	H 2317
H 2321	H 2323	H 2325	H 2327	H 2329	H 2331	H 2333	H 2335	H 2337	H 2341	H 2345	H 2347	H 2349	H 2351	H 2353
H 2355	H 2357	H 2359	H 2361	H 2363	H 2365	H 2367	H 2369	H 2371	H 2373	H 2375	H 2377	H 2379	H 2381	H 2383
H 2385	H 2387	H 2389	H 2391	H 2393	H 2395	H 2397	H 2399	H 2401	H 2403	H 2405	H 2407	H 2409	H 2411	H 2413
H 2415	H 2417	H 2419	H 2421	H 2423	H 2425	H 2427	H 2429	H 2431	H 2437	H 2439	H 2441	H 2443	H 2445	H 2447
H 2449	H 2451	H 2453	H 2457	H 2459	H 2461	H 2463	H 2465	H 2467	H 2469	H 2471	H 2473	H 2475	H 2477	H 2481
H 2483	H 2485	H 2487	H 2489	H 2491	H 2493	H 2495	H 2497	H 2499	H 2501	H 2503	H 2505	H 2509	H 2511	H 2513
H 2515	H 2517	H 2519	H 2521	H 2523	H 2525	H 2527	H 2529	H 2531	H 2533	H 2535	H 2537	H 2539	H 2541	H 2543
H 2545	H 2547	H 2549	H 2551	H 2553	H 2555	H 2557	H 2559	H 2561	H 2565	H 2567	H 2569	H 2571	H 2573	H 2575
H 2577	H 2579	H 2581	H 2583	H 2585	H 2587	H 2589	H 2591	H 2593	H 2595	H 2597	H 2599	H 2601	H 2605	H 2607
H 2609	H 2611	H 2613	H 2615	H 2617	H 2619	H 2621	H 2625	H 2627	H 2629	H 2631	H 2633	H 2635	H 2637	H 2639
H 2641	H 2643	H 2645	H 2647	H 2649	H 2651	H 2653	H 2657	H 2659	H 2661	H 2663	H 2667	H 2669	H 2671	H 2673
H 2675	H 2677	H 2679	H 2681	H 2683	H 2685	H 2687	H 2689	H 2691	H 2693	H 2695	H 2697	H 2699	H 2701	H 2703
H 2705	H 2707	H 2711	H 2713	H 2715	H 2717	H 2719	H 2721	H 2723	H 2727	H 2729	H 2731	H 2733	H 2735	H 2737
H 2739	H 2741	H 2743	H 2745	H 2747	H 2749	H 2751	H 2753	H 2755	H 2757	H 2759	H 2761	H 2765	H 2767	H 2769
H 2771	H 2773	H 2775	H 2777	H 2779	H 2781	H 2783	H 2785	H 2787	H 2789	H 2791	H 2795	H 2797	H 2799	H 2803
H 2805	H 2807	H 2809	H 2811	H 2813	H 2815	H 2817	H 2819	H 2821	H 2823	H 2825	H 2827	H 2829	H 2831	H 2833
H 2835	H 2837	H 2839	H 2843	H 2845	H 2847	H 2851	H 2853	H 2855	H 2857	H 2859	H 2863	H 2865	H 2867	H 2869
H 2871	H 2873	H 2875	H 2877	H 2879	H 2881	H 2883	H 2885	H 2889	H 2891	H 2893	H 2895	H 2899	H 2901	H 2903
H 2905	H 2907	H 2909	H 2911	H 2913	H 2915	H 2917	H 2919	H 2921	H 2923	H 2925	H 2927	H 2929	H 2931	H 2933
H 2935	H 2937	H 2939	H 2941	H 2943	H 2945	H 2947	H 2949	H 2951	H 2957	H 2959	H 2963	H 2967	H 2969	H 2971
H 2973	H 2977	H 2979	H 2981	H 2983	H 2985	H 2989	H 2991	H 2993	H 2995	H 2999	H 3001	H 3003	H 3005	H 3009
H 3011	H 3013	H 3015	H 3017	H 3019	H 3021	H 3023	H 3025	H 3027	H 3029	H 3033	H 3035	H 3037	H 3039	H 3043
H 3045	H 3047	H 3049	H 3051	H 3053	H 3057	H 3059	H 3061	H 3063	H 3065	H 3067	H 3069	H 3077	H 3079	H 3083
H 3085	H 3087	H 3089	H 3091	H 3093	H 3095	H 3097	H 3099	H 3101	H 3105	H 3107	H 3109	H 3111	H 3113	H 3115
H 3117	H 3119	H 3121	H 3123	H 3125	H 3127	H 3133	H 3135	H 3137	H 3145	H 3149	H 3151	H 3153	H 3155	H 3157
H 3159	H 3161	H 3165	H 3167	H 3169	H 3171	H 3173	H 3175	H 3177	H 3179	H 3181	H 3183	H 3185	H 3187	H 3189
H 3191	H 3193	H 3195	H 3197	H 3199	H 3201	H 3203	H 3205	H 3207	H 3209	H 3211	H 3213	H 3215	H 3217	H 3219
H 3221	H 3223	H 3225	H 3227	H 3229	H 3231	H 3233	H 3235	H 3237	H 3241	H 3243	H 3245	H 3247	H 3249	H 3251
H 3253	H 3257	H 3259	H 3261	H 3263	H 3267	H 3269	H 3271	H 3273	H 3275	H 3281	H 3285	H 3287	H 3289	H 3291
H 3293	H 3295	H 3297	H 3299	H 3301	H 3303	H 3305	H 3307	H 3309	H 3311	H 3313	H 3315	H 3317	H 3319	H 3325
H 3327	H 3329	H 3331	H 3333	H 3337	H 3341	H 3343	H 3345	H 3347	H 3349	H 3351	H 3353	H 3355	H 3357	H 3359
H 3361	H 3363	H 3365	H 3367	H 3369	H 3371	H 3373	H 3375	H 3381	H 3383	H 3385	H 3387	H 3389	H 3391	H 3395
H 3397	H 3399	H 3401	H 3403	H 3405	H 3407	H 3409	H 3411	H 3413	H 3415	H 3417	H 3419	H 3421	H 3423	H 3425
H 3427	H 3429	H 3431	H 3433	H 3435	H 3437	H 3439	H 3441	H 3443	H 3447	H 3449	H 3451	H 3453	H 3455	H 3457
H 3461	H 3465	H 3467	H 3469	H 3471	H 3473	H 3475	H 3477	H 3479	H 3481	H 3483	H 3485	H 3487	H 3491	H 3493
H 3495	H 3497	H 3499	H 3501	H 3503	H 3505	H 3507	H 3509	H 3511	H 3513	H 3517	H 3521	H 3523	H 3525	H 3527
H 3529	H 3531	H 3533	H 3535	H 3537	H 3539	H 3541	H 3543	H 3545	H 3547	H 3549	H 3551	H 3553	H 3555	H 3557
H 3559	H 3561	H 3563	H 3565	H 3567	H 3569	H 3571	H 3573	H 3575	H 3577	H 3579	H 3581	H 3585	H 3589	H 3591
H 3593	H 3595	H 3597	H 3601	H 3603	H 3605	H 3607	H 3609	H 3613	H 3615	H 3617	H 3619	H 3621	H 3623	H 3625
H 3629	H 3631	H 3633	H 3635	H 3637	H 3639	H 3641	H 3643	H 3645	H 3647	H 3651	H 3653	H 3655	H 3657	H 3661
H 3663	H 3665	H 3667	H 3669	H 3671	H 3673	H 3675	H 3681	H 3683	H 3685	H 3687	H 3689	H 3691	H 3693	H 3697
H 3699	H 3703	H 3705	H 3709	H 3711	H 3713	H 3715	H 3717	H 3719	H 3721	H 3723	H 3725	H 3727	H 3729	H 3731
H 3733	H 3737	H 3739	H 3741	H 3743	H 3745	H 3747	H 3751	H 3753	H 3755	H 3757	H 3759	H 3761	H 3765	H 3767
H 3769	H 3771	H 3773	H 3779	H 3781	H 3785	H 3787	H 3789	H 3791	H 3793	H 3795	H 3799	H 3801	H 3803	H 3805
H 3807	H 3809	H 3813	H 3817	H 3819	H 3821	H 3823	H 3825	H 3827	H 3829	H 3833	H 3837	H 3839	H 3841	H 3843
H 3845	H 3847	H 3849	H 3851	H 3853	H 3855	H 3857	H 3859	H 3861	H 3863	H 3865	H 3867	H 3869	H 3873	H 3875
H 3877	H 3879	H 3883	H 3885	H 3887	H 3889	H 3891	H 3895	H 3897	H 3899	H 3901	H 3903	H 3905	H 3907	H 3909
H 3911	H 3913	H 3915	H 3919	H 3921	H 3923	H 3925	H 3927	H 3929	H 3931	H 3933	H 3935	H 3937	H 3939	H 3943
H 3945	H 3947	H 3949	H 3951	H 3953	H 3955	H 3957	H 3959	H 3961	H 3965	H 3967	H 3969	H 3971	H 3973	H 3975
H 3977	H 3979	H 3981	H 3983	H 3985	H 3987	H 3989	H 3995	H 3997	H 3999	H 4001	H 4003	H 4005	H 4007	H 4009
H 4013	H 4017	H 4019	H 4021	H 4023	H 4025	H 4027	H 4029	H 4031	H 4033	H 4035	H 4037	H 4039	H 4041	H 4043
H 4045	H 4047	H 4049	H 4051	H 4053	H 4055	H 4057	H 4059	H 4061	H 4063	H 4065	H 4067	H 4071	H 4073	H 4075
H 4077	H 4079	H 4081	H 4083	H 4085	H 4087	H 4089	H 4091	H 4093	H 4095	H 4097	H 4099	H 4101	H 4103	H 4105
H 4107	H 4109	H 4111	H 4113	H 4115	H 4117	H 4119	H 4121	H 4123	H 4125	H 4127	H 4129	H 4131	H 4133	H 4135
H 4137	H 4139	H 4143	H 4145	H 4147	H 4149	H 4151	H 4153	H 4155	H 4157	H 4159	H 4161	H 4163	H 4165	H 4167
H 4169	H 4173	H 4175	H 4177	H 4179	H 4181	H 4183	H 4185	H 4187	H 4189	H 4191	H 4193	H 4195	H 4197	H 4199
H 4201	H 4203	H 4205	H 4207	H 4209	H 4211	H 4213	H 4215	H 4217	H 4219	H 4221	H 4223	H 4227	H 4229	H 4231
H 4233	H 4237	H 4239	H 4241	H 4243	H 4247	H 4249	H 4251	H 4253	H 4255	H 4257	H 4259	H 4263	H 4265	H 4269
H 4271	H 4273	H 4275	H 4279	H 4281	H 4283	H 4285	H 4287	H 4291	H 4293	H 4295	H 4297	H 4299	H 4301	H 4303
H 4305	H 4307	H 4309	H 4311	H 4313	H 4315	H 4317	H 4319	H 4321	H 4323	H 4325	H 4327	H 4329	H 4333	H 4335
H 4337	H 4339	H 4341	H 4343	H 4345	H 4349	H 4351	H 4353	H 4355	H 4357	H 4359	H 4361	H 4363	H 4367	H 4369
H 4371	H 4373	H 4377	H 4379	H 4381	H 4383	H 4385	H 4387	H 4389	H 4391	H 4393	H 4395	H 4397	H 4399	H 4401
H 4403	H 4405	H 4407	H 4409	H 4411	H 4413	H 4415	H 4417	H 4419	H 4421	H 4423	H 4427	H 4429	H 4431	H 4433
H 4435	H 4437	H 4441	H 4443	H 4445	H 4449	H 4451	H 4457	H 4459	H 4461	H 4463	H 4469	H 4471	H 4477	H 4481
H 4485	H 4487	H 4489	H 4491	H 4493	H 4495	H 4497	H 4499	H 4501	H 4503	H 4505	H 4507	H 4509	H 4511	H 4513
H 4515	H 4521	H 4525	H 4527	H 4531	H 4533	H 4535	H 4539	H 4541	H 4543	H 4545	H 4547	H 4549	H 4551	H 4553
H 4557	H 4559	H 4565	H 4567	H 4577	H 4585	H 4589	H 4593	H 4597	H 4599	H 4601	H 4605	H 4607	H 4609	H 4613

(BILLS UNDERLINED HAVE PASSED BOTH CHAMBERS—
ADOPTED ONE-CHAMBER RESOLUTIONS ALSO UNDERLINED)

FLORIDA LEGISLATURE-REGULAR SESSION-2020

03/24/2020
12:16:04

STATISTICS REPORT
HOUSE BILLS

FAVORABLE HOUSE COMMITTEE REPORT

H 4615	H 4619	H 4621	H 4623	H 4627	H 4629	H 4633	H 4635	H 4639	H 4641	H 4643	H 4645	H 4647	H 4651	H 4653
H 4655	H 4657	H 4659	H 4661	H 4663	H 4665	H 4667	H 4671	H 4673	H 4675	H 4679	H 4681	H 4683	H 4689	H 4691
H 4693	H 4701	H 4703	H 4705	H 4707	H 4709	H 4711	H 4713	H 4715	H 4717	H 4719	H 4721	H 4723	H 4725	H 4729
H 4731	H 4733	H 4737	H 4741	H 4743	H 4745	H 4747	H 4749	H 4751	H 4753	H 4755	H 4757	H 4759	H 4761	H 4763
H 4765	H 4767	H 4769	H 4771	H 4773	H 4775	H 4777	H 4779	H 4781	H 4783	H 4785	H 4787	H 4789	H 4791	H 4793
H 4797	H 4799	H 4801	H 4803	H 4805	H 4807	H 4809	H 4811	H 4813	H 4815	H 4817	H 4819	H 4821	H 4823	H 4825
H 4827	H 4829	H 4831	H 4833	H 4835	H 4837	H 4841	H 4843	H 4845	H 4847	H 4849	H 4851	H 4853	H 4855	H 4857
H 4859	H 4861	H 4863	H 4865	H 4867	H 4875	H 4877	H 4881	H 4883	H 4885	H 4889	H 4893	H 4895	H 4897	H 4899
H 4901	H 4907	H 4909	H 4911	H 4913	H 4915	H 4917	H 4919	H 4921	H 4925	H 4927	H 4931	H 4933	H 4935	H 4937
H 4939	H 4941	H 4943	H 4947	H 4949	H 4951	H 4953	H 4955	H 4959	H 4961	H 4963	H 4965	H 4967	H 4969	H 4971
H 4973	H 4975	H 4977	H 4979	H 4983	H 4985	H 4987	H 4989	H 4991	H 4993	H 4995	H 4997	H 4999	H 5201	<u>H 5301</u>
H 5401	H 6025	<u>H 6027</u>	H 6029	H 6031	H 6033	H 6037	<u>H 6055</u>	H 6057	H 6059	H 6083	H 6507	H 6519	<u>H 7001</u>	<u>H 7003</u>
<u>H 7005</u>	H 7007	<u>H 7009</u>	<u>H 7011</u>	<u>H 7013</u>	<u>H 7015</u>	H 7017	<u>H 7019</u>	H 7021	<u>H 7023</u>	H 7025	H 7027	H 7037	<u>H 7039</u>	H 7041
H 7045	H 7047	<u>H 7049</u>	H 7055	H 7061	H 7071	<u>H 7075</u>	H 7077	H 7081	H 7085	H 7089	H 7099	H 9001	H 9003	H 9005
H 9007	H 9009	H 9011	H 9013	H 9015	H 9017	H 9019	H 9021	H 9023	H 9025	H 9027	H 9029	H 9031	H 9033	H 9035
H 9037	H 9039	H 9041	H 9043	H 9045	H 9047	H 9049	H 9051	H 9053	H 9055	H 9057	H 9059	H 9061	H 9063	H 9067
H 9069	H 9073	H 9075	H 9077	H 9079	H 9081	H 9087	H 9089	H 9091	H 9093	H 9095	H 9099	H 9101	H 9103	H 9105
H 9107	H 9109	H 9111	H 9115	H 9119	H 9121	H 9123	H 9125	H 9127	H 9129	H 9131	H 9135	H 9137	H 9139	H 9141
H 9143	H 9145	H 9147	H 9149	H 9153	H 9155	H 9159	H 9161	H 9163	H 9165	H 9167	H 9169	H 9171	H 9173	H 9175
H 9177	H 9181	H 9183	H 9185	H 9187	H 9189	H 9195	H 9197	H 9199	H 9203	H 9205	H 9209	H 9211	H 9213	H 9215
H 9217	H 9219	H 9221	H 9223	H 9225	H 9231	H 9233	H 9235	H 9237	H 9239	H 9241	H 9243	H 9245	H 9251	H 9253
H 9255	H 9257	H 9263												

APPROVED BY GOVERNOR

<u>H 389</u>	<u>H 599</u>	<u>H 607</u>	<u>H 1087</u>
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RESOLUTIONS ADOPTED

<u>H 8001</u>	<u>H 8003</u>	<u>H 8005</u>	<u>H 8007</u>	<u>H 8009</u>	<u>H 8011</u>	<u>H 8013</u>	<u>H 8015</u>	<u>H 8017</u>	<u>H 8019</u>	<u>H 8021</u>	<u>H 8023</u>	<u>H 8025</u>	<u>H 8027</u>	<u>H 8029</u>
<u>H 8031</u>	<u>H 8033</u>	<u>H 8035</u>	<u>H 8037</u>	<u>H 8039</u>	<u>H 8041</u>	<u>H 8043</u>	<u>H 8045</u>	<u>H 8047</u>	<u>H 8049</u>	<u>H 8051</u>	<u>H 8053</u>	<u>H 8055</u>	<u>H 8057</u>	<u>H 8059</u>
<u>H 8061</u>	<u>H 8063</u>	<u>H 8065</u>	<u>H 8067</u>	<u>H 8069</u>	<u>H 8071</u>	<u>H 8073</u>	<u>H 8075</u>	<u>H 8077</u>	<u>H 8079</u>	<u>H 8081</u>	<u>H 8083</u>			

FAILED TO PASS SENATE, FURTHER ACTION TAKEN

<u>H 133</u>

LAI D ON TABLE

H 5	H 23	H 65	H 113	H 167	H 175	H 185	H 203	H 209	H 211	H 221	H 241	H 253	H 265	H 267
H 269	H 307	H 329	H 345	H 349	H 359	H 391	H 393	H 401	H 445	H 485	H 487	H 495	H 567	H 579
H 593	H 605	H 609	H 613	H 615	H 637	H 649	H 681	H 709	H 741	H 745	H 755	H 777	H 855	H 865
H 869	H 871	H 887	H 957	H 1035	H 1063	H 1081	H 1097	H 1139	H 1163	H 1173	H 1181	H 1183	H 1201	H 1265
H 1281	H 1287	H 1321	H 1343	H 1387	H 6025	H 6031	H 6033	H 6507	H 7007	H 7029	H 7031	H 7033	H 7035	H 7037
H 7051	H 7057	H 7089	H 7099											

WITHDRAWN PRIOR TO INTRODUCTION

H 35	H 49	H 53	H 69	H 77	H 107	H 119	H 123	H 169	H 231	H 277	H 297	H 337	H 353	H 357
H 367	H 397	H 439	H 463	H 557	H 657	H 817	H 929	H 1057	H 2019	H 2039	H 2241	H 2243	H 3141	H 3679
H 9065														

DIED IN SENATE COMMITTEES

H 1	H 3	H 7	H 157	H 223	H 283	H 301	H 303	H 351	H 395	H 443	H 471	H 519	H 523	H 551
H 569	H 575	H 577	H 623	H 687	H 707	H 711	H 715	H 725	H 733	H 757	H 773	H 799	H 801	H 825
H 827	H 851	H 853	H 919	H 941	H 955	H 959	H 967	H 991	H 1013	H 1059	H 1083	H 1085	H 1103	H 1143
H 1147	H 1149	H 1155	H 1169	H 1185	H 1205	H 1217	H 1231	H 1257	H 1273	H 1323	H 1325	H 1327	H 1335	H 1371
H 5101	H 5201	H 5401	H 6037	H 6059	H 7025	H 7045	H 7047	H 7053	H 7055	H 7061	H 7069	H 7071	H 7077	H 7079
H 7085	H 7093	H 7101	H 7103											

DIED IN HOUSE COMMITTEES

H 21	H 25	H 27	H 29	H 31	H 33	H 41	H 45	H 47	H 51	H 55	H 63	H 67	H 71	H 75
H 79	H 83	H 85	H 87	H 91	H 93	H 95	H 97	H 99	H 105	H 109	H 111	H 117	H 121	H 125
H 127	H 129	H 135	H 137	H 139	H 141	H 143	H 145	H 147	H 149	H 151	H 153	H 155	H 159	H 161
H 165	H 173	H 179	H 181	H 189	H 191	H 193	H 201	H 213	H 215	H 217	H 219	H 225	H 227	H 229
H 233	H 235	H 237	H 239	H 243	H 245	H 247	H 249	H 251	H 257	H 261	H 263	H 271	H 273	H 275
H 281	H 285	H 287	H 289	H 291	H 293	H 295	H 299	H 305	H 313	H 315	H 317	H 319	H 321	H 323
H 325	H 331	H 335	H 339	H 341	H 347	H 361	H 363	H 365	H 373	H 375	H 377	H 379	H 381	H 383
H 385	H 399	H 403	H 405	H 407	H 411	H 413	H 415	H 417	H 419	H 421	H 425	H 427	H 429	H 431
H 433	H 435	H 447	H 449	H 451	H 453	H 455	H 457	H 461	H 465	H 473	H 475	H 477	H 479	H 481
H 483	H 489	H 493	H 497	H 499	H 501	H 507	H 509	H 513	H 515	H 517	H 521	H 525	H 527	H 531
H 533	H 535	H 539	H 541	H 543	H 545	H 547	H 553	H 555	H 561	H 565	H 583	H 585	H 587	H 595
H 601	H 603	H 611	H 619	H 621	H 627	H 629	H 631	H 633	H 635	H 639	H 643	H 645	H 651	H 653
H 655	H 661	H 663	H 665	H 667	H 669	H 671	H 673	H 677	H 679	H 683	H 685	H 691	H 693	H 695
H 697	H 699	H 701	H 703	H 719	H 721	H 727	H 735	H 739	H 749	H 751	H 753	H 759	H 761	H 765
H 769	H 775	H 779	H 781	H 785	H 791	H 793	H 795	H 797	H 803	H 805	H 807	H 809	H 815	H 819
H 823	H 829	H 831	H 837	H 839	H 841	H 845	H 847	H 849	H 857	H 859	H 861	H 863	H 873	H 875
H 881	H 885	H 889	H 891	H 893	H 897	H 899	H 905	H 907	H 909	H 911	H 913	H 917	H 923	H 933
H 937	H 939	H 943	H 949	H 951	H 961	H 963	H 965	H 973	H 975	H 979	H 981	H 983	H 985	H 987
H 993	H 995	H 997	H 999	H 1003	H 1007	H 1015	H 1017	H 1019	H 1021	H 1023	H 1025	H 1027	H 1031	H 1033
H 1037	H 1043	H 1045	H 1051	H 1053	H 1055	H 1065	H 1067	H 1069	H 1073	H 1075	H 1079	H 1093	H 1099	H 1101

(BILLS UNDERLINED HAVE PASSED BOTH CHAMBERS—
ADOPTED ONE-CHAMBER RESOLUTIONS ALSO UNDERLINED)

FLORIDA LEGISLATURE-REGULAR SESSION-2020

STATISTICS REPORT
HOUSE BILLS

DIED IN HOUSE COMMITTEES

H 1107	H 1109	H 1113	H 1115	H 1117	H 1119	H 1121	H 1123	H 1125	H 1127	H 1129	H 1131	H 1133	H 1141	H 1145
H 1151	H 1153	H 1159	H 1161	H 1167	H 1171	H 1175	H 1177	H 1191	H 1195	H 1197	H 1209	H 1219	H 1221	H 1223
H 1227	H 1229	H 1233	H 1235	H 1237	H 1239	H 1241	H 1243	H 1245	H 1247	H 1251	H 1253	H 1261	H 1263	H 1267
H 1269	H 1271	H 1277	H 1283	H 1285	H 1291	H 1293	H 1295	H 1297	H 1299	H 1301	H 1305	H 1307	H 1309	H 1311
H 1313	H 1315	H 1317	H 1319	H 1329	H 1333	H 1337	H 1345	H 1347	H 1349	H 1351	H 1355	H 1357	H 1359	H 1363
H 1365	H 1367	H 1377	H 1379	H 1381	H 1383	H 1385	H 1389	H 1395	H 1397	H 1399	H 1401	H 1403	H 1405	H 1407
H 1411	H 1413	H 1415	H 1417	H 1419	H 1421	H 1423	H 1425	H 1427	H 1429	H 1431	H 1435	H 1441	H 1443	H 1445
H 1447	H 1449	H 1451	H 1453	H 1459	H 6001	H 6003	H 6005	H 6007	H 6009	H 6011	H 6013	H 6015	H 6017	H 6019
H 6021	H 6023	H 6029	H 6035	H 6039	H 6041	H 6043	H 6045	H 6047	H 6049	H 6051	H 6053	H 6061	H 6063	H 6065
H 6067	H 6069	H 6071	H 6073	H 6075	H 6077	H 6079	H 6081	H 6083	H 6503	H 6505	H 6509	H 6511	H 6513	H 6515
H 6517	H 6521	H 6523	H 7043	H 7083										

DIED IN SENATE RETURNING MESSAGES

H 491

DIED IN HOUSE RETURNING MESSAGES

H 689 H 833 H 867 H 1187 H 7065 H 7091

DIED ON SENATE CALENDAR

H 737 H 7081

DIED ON HOUSE CALENDAR

H 9	H 39	H 57	H 183	H 187	H 195	H 207	H 259	H 309	H 311	H 409	H 459	H 503	H 511	H 537
H 563	H 571	H 581	H 589	H 591	H 647	H 723	H 729	H 771	H 811	H 843	H 883	H 895	H 903	H 931
H 935	H 953	H 1001	H 1011	H 1029	H 1071	H 1077	H 1111	H 1137	H 1157	H 1165	H 1199	H 1203	H 1207	H 1211
H 1225	H 1255	H 1279	H 1289	H 1331	H 1341	H 1353	H 1361	H 1369	H 1433	H 1437	H 1455	H 1457	H 6057	H 6519
H 7017	H 7021	H 7027	H 7041	H 7059	H 7063	H 7073	H 7087							



2020 ENROLLED BILLS

A List Of Bills That Passed Both Chambers In The Florida
Legislature And Are Presented To The Governor





2020 Enrolled Bill Report

Ordered by Bill Number

SB 0028	Relief of Clifford Williams by the State of Florida by Gibson
	Relief of Clifford Williams by the State of Florida; Providing for the relief of Clifford Williams; providing an appropriation to compensate him for being wrongfully incarcerated for 43 years; directing the Chief Financial Officer to draw a warrant payable to an irrevocable trust for the benefit of Clifford Williams; providing that the act does not waive certain defenses or increase the state's limits of liability; providing that certain benefits are vacated upon specified findings, etc. CLAIM WITH APPROPRIATION: \$2,150,000 Effective Date: Upon becoming a law
HB 0037	School Bus Safety by Zika
	School Bus Safety: Revises civil penalties for certain violations relating to stopping for school bus. Effective Date: January 1, 2021
HB 0043	Child Welfare by Latvala
	Child Welfare: Requiring the Florida Court Educational Council to establish certain standards for instruction of circuit and county court judges for dependency cases; requiring the Department of Law Enforcement to provide certain information to law enforcement officers relating to specified individuals; requiring Child Protection Teams to be capable of providing certain training relating to head trauma and brain injuries in children younger than a specified age; requiring the Criminal Justice Standards and Training Commission to establish standards for the instruction of law enforcement officers in a specified subject, etc. Effective Date: July 1, 2020
HB 0059	Automated Pharmacy Systems by Willhite
	Automated Pharmacy Systems: Authorizes community pharmacy to use automated pharmacy system; provides certain medicinal drugs stored in automated pharmacy system for outpatient dispensing are part of inventory of pharmacy providing services through such system; requires community pharmacies to adopt policies & procedures. Effective Date: July 1, 2020
HB 0061	Adoption Benefits by Roth
	Adoption Benefits: Provides eligibility to certain veterans & servicemembers for specified adoption benefits. Effective Date: July 1, 2020
SB 0070	Alert Systems in Public Schools by Book
	Alert Systems in Public Schools; Citing this act as "Alyssa's Law"; requiring each public school to implement a mobile panic alert system for specified purposes beginning in a specified school year; authorizing public school districts to implement additional strategies and systems for specified purposes; requiring the Department of Education to issue a competitive solicitation to contract for a mobile panic alert system, subject to appropriation, etc. Effective Date: 7/1/2020
SB 0072	Higher Education by Stargel
	Higher Education; Revising requirements for certain new construction, remodeling, or renovation projects; creating the "state universities of distinction" designation within the State University System; creating the

Florida Institute of Politics within Florida State University College of Social Sciences and Public Policy; creating the Adam Smith Center for the Study of Economic Freedom; revising provisions relating to additional funds for textbooks under Florida Academic Scholars award, etc. Effective Date: Except as otherwise expressly provided in this act and except for this section, which shall take effect upon this act becoming a law, this act shall take effect July 1, 2020

HB 0073 Environmental Regulation by Overdorf

Environmental Regulation: Specifies requirements for contracts between residential recycling collectors or recovered materials processing facilities & counties or municipalities for collecting, transporting, & processing residential recycling material & contaminated recyclable material; prohibits local governments from requiring further verification from DEP for certain projects; revises types of dock & pier replacements & repairs that are exempt from such verification & certain permitting requirements. Effective Date: July 1, 2020

SB 0078 Transportation-related Facility Designations by Broxson

Transportation-related Facility Designations; Providing honorary designations of certain transportation facilities in specified counties; revising the name of an honorary designation; directing the Department of Transportation to erect suitable markers and to examine the feasibility to rename the facilities specified; correcting the location of an honorary designation, etc. Effective Date: 7/1/2020

HB 0081 Health Care for Children by Andrade

Health Care for Children: Requiring the Department of Health to create and make available electronically a pamphlet with specified information; revising applicable provisions for the reimbursement of school-based services by the Agency for Health Care Administration to certain school districts; requiring certain individual educational plan teams and individualized family support plan teams to include a specified specialist, etc. Effective Date: July 1, 2020

SB 0082 Individuals with Disabilities by Bean

Individuals with Disabilities; Requiring persons and entities under contract with the Agency for Persons with Disabilities to use the agency data management systems to bill for services; revising criteria used by the agency to develop a client's iBudget; requiring the Agency for Health Care Administration to seek federal approval to provide consumer-directed options; providing an exemption from a certificate-of-need requirement for certain intermediate care facilities, etc. Effective Date: 7/1/2021

HB 0089 Adoption Records by Stark

Adoption Records: Provides that name & identity of birth parent, adoptive parent, & adoptee may be disclosed from adoption records without court order. Effective Date: July 1, 2020

HB 0101 Public Construction by Andrade

Public Construction: Revises amounts of retainage that local governmental entities & contractors may withhold from progress payments for construction services contract; revises requirements for DMS rules governing certain contracts; revises amounts of retainage that public entities & contractors may withhold from progress payments for construction services contract. Effective Date: October 1, 2020

HB 0103 Subpoenas by Gottlieb

Subpoenas: Revises definition of term "properly served"; authorizes applicant to petition court to compel compliance with subpoena; authorizes court to address noncompliance as indirect criminal contempt & impose daily fine. Effective Date: July 1, 2020

HB 0115 Keep Our Graduates Working Act by Duran

Keep Our Graduates Working Act: Prohibits state authority from denying license, refusing to renew license, or suspending or revoking license on basis of delinquency or default in payment of his or her student loan; provides exception to requirement that certain entities prohibit candidate from being examined for or issued, or having renewed license, certificate, or registration to practice health care profession if he or she is listed on specified federal list of excluded individuals & entities; repeals provisions relating to health care practitioners in default on student loan or scholarship obligations. Effective Date: July 1, 2020

SB 0124 Custody of Minor Children by Extended Family by Bean

Custody of Minor Children by Extended Family; Revising the purposes of ch. 751, F.S.; revising the requirements for individuals seeking concurrent custody; allowing any other provisions related to the best interest of the child to be considered in a petition for temporary or concurrent custody; authorizing courts to include provisions requested in petitions for temporary or concurrent custody which relate to the best interest of the child, etc. Effective Date: 7/1/2020

HB 0131 Security in Trial Court Facilities by McClain

Security in Trial Court Facilities: Requires sheriffs to coordinate with specified entities to develop comprehensive plan for security of trial court facilities; specifies sheriffs & chief judges retain certain authority; specifies sheriffs & their deputies, employees, & contractors are officers of court under specified circumstances. Effective Date: July 1, 2020

HB 0133 Towing and Immobilizing Vehicles and Vessels by McClain

Towing and Immobilizing Vehicles and Vessels: Authorizes local governments to enact rates to tow vessels on private property & remove & store vessels; prohibits counties or municipalities from enacting ordinances that impose costs or penalties on owners, persons in control, or lienholders of vehicles or vessels or that require wrecker operators or towing businesses to accept specified form of payment; authorizes persons to place liens on vehicles or vessels to recover fees or charges; revises requirement regarding notices & signs concerning towing or removal of vehicles & vessels. Effective Date: October 1, 2020

SB 0140 Fireworks by Hutson

Fireworks; Defining the term "designated holiday"; providing an exemption for the use of fireworks solely and exclusively during a designated holiday; prohibiting homeowners' associations from promulgating certain rules or regulations, etc. Effective Date: Upon becoming a law

SB 0156 Early Childhood Music Education Incentive Pilot Program by Perry

Early Childhood Music Education Incentive Pilot Program; Extending the scheduled expiration of the pilot program; requiring the University of Florida's College of Education to collaborate with Florida International University's school of music for evaluation of the pilot program; requiring that the evaluation be shared with the Florida Center for Partnerships in Arts-Integrated Teaching, etc. Effective Date: 7/1/2020

HB 0163 Homelessness by Altman

Provides requirements for continuum of care catchment areas & lead agencies; requires continuums of care to create continuum of care plans; revises requirements for certain grants; establishes grant-in-aid program to help continuums of care prevent & end homelessness; provides program requirements. Effective Date: July 1, 2020

HB 0171 Postsecondary Education for Certain Military Personnel by Ponder

Postsecondary Education for Certain Military Personnel: Requiring the Board of Governors and the State Board of Education, in consultation with the Department of Veterans' Affairs, to create a process for the uniform award of postsecondary credit or career education clock hours to certain servicemembers and veterans of the United States Armed Forces; requiring specified postsecondary institutions to waive the transcript fee for active duty members of the United States Armed Forces, certain veterans, and their spouses and dependents, etc. Effective Date: upon becoming a law

SB 0172 Florida Drug and Cosmetic Act by Bradley

Florida Drug and Cosmetic Act; Preempting the regulation of over-the-counter proprietary drugs or cosmetics to the state, etc. Effective Date: 7/1/2020

HB 0177 Prescription Drug Donation Repository Program by Yarborough

Prescription Drug Donation Repository Program: Creates Prescription Drug Donation Repository Program within DOH; provides criteria & conditions for donation of prescription drugs & supplies from certain authorized entities for dispensing to eligible patients; authorizes Governor to waive program patient eligibility requirements during declared state of emergency. Effective Date: July 1, 2020

SB 0178 Public Financing of Construction Projects by Rodriguez (J)

Public Financing of Construction Projects; Prohibiting state-financed constructors from commencing construction of certain structures in coastal areas after a specified date without first taking certain steps regarding a sea level impact projection study; requiring the Department of Environmental Protection to develop by rule a standard for such studies; providing that such rule operates prospectively on projects that have not yet commenced as of the finalization of the rule, etc. Effective Date: Except as otherwise expressly provided in this act, this act shall take effect July 1, 2020

HB 0197 Servicemembers Civil Relief Act by Payne

Servicemembers Civil Relief Act: Provides certain state laws relating to children do not supersede Servicemembers Civil Relief Act; requires DCF to ensure the act is observed in certain cases. Effective Date: July 1, 2020

HB 0199 Sexual Battery Prosecution Time Limitation by Davis

Sexual Battery Prosecution Time Limitation: Designates act "Donna's Law"; creates exception to general time limitations allowing prosecution to be commenced at any time for specified sexual battery offenses against victims younger than a certain age. Effective Date: July 1, 2020

HB 0205 Unlawful Use of Uniforms, Medals, or Insignia by Avila

Unlawful Use of Uniforms, Medals, or Insignia: Prohibits certain misrepresentations concerning military service when made for specified purposes. Effective Date: October 1, 2020

SB 0218 Licensure Requirements for Osteopathic Physicians by Harrell

Licensure Requirements for Osteopathic Physicians; Revising licensure requirements for persons seeking licensure or certification as an osteopathic physician, etc. Effective Date: Upon becoming a law

SB 0226 Athletic Trainers by Harrell

Athletic Trainers; Revising the definition of the term "athletic trainer"; requiring certain licensees to maintain certification in good standing without lapse as a condition of renewal of their athletic trainer licenses; requiring that an athletic trainer work within a specified scope of practice; requiring the direct supervision of an athletic training student to be in accordance with rules adopted by the Board of Athletic Training, etc. Effective Date: 7/1/2020

HB 0255 Florida Commission on Human Relations by Antone

Florida Commission on Human Relations: Provides quorum requirements for Commission on Human Relations & its panels; revises number of persons commission may recommend for Florida Civil Rights Hall of Fame; provides limitation on time civil action may be filed after alleged violation of Florida Civil Rights Act; revises length of time commission or AG has to resolve complaint of discrimination in club membership; revises timeline relating to complaints alleging prohibited personnel action. Effective Date: July 1, 2020

HB 0279 Local Government Public Construction Works by Smith (D)

Local Government Public Construction Works: Revising disclosure requirements for bidding documents and other requests for proposals issued for bids by a local governmental entity and public contracts entered into between local governmental entities and contractors; requiring that a local government that performs projects using its own services, employees, and equipment provide a report to the local governing board with certain information, etc. Effective Date: July 1, 2020

SB 0292 Insurance Claims Data by Broxson

Insurance Claims Data; Defining the terms "loss run statement" and "provide"; requiring surplus lines and authorized insurers, respectively, to provide insureds either a loss run statement or certain information within a certain timeframe after receipt of the insured's written request; requiring insurers to provide notice to the agent of record after providing a loss run statement; prohibiting insurers from charging a fee to prepare and provide one loss run statement annually, etc. Effective Date: 1/1/2021

SB 0294 Crimes Against Veterans by Wright

Crimes Against Veterans; Citing this act as the "Florida Veterans Protection Act"; providing an enhanced sentence for any person who commits aggravated white collar crimes against a certain number of veterans by obtaining or attempting to obtain a specified amount of money; providing criminal penalties, etc. Effective Date: 10/1/2020

HB 0327 **Illegal Taking, Possession, and Sale of Bears** by Smith (D)

Illegal Taking, Possession, and Sale of Bears: Provides that person commits specified violations for illegal taking, possession, & sale of bears; prohibits illegal taking, possession, & sale of bears; provides penalties. Effective Date: July 1, 2020

HB 0333 **Bail Pending Appellate Review** by Leek

Bail Pending Appellate Review: Prohibits bail to specified offenders pending review following conviction for offense requiring sexual offender or sexual predator registration if victim was minor. Effective Date: October 1, 2020

HB 0343 **Recreational Vehicle Industries** by Fetterhoff

Recreational Vehicle Industries: Creates & revises provisions for recreational vehicle parks relating to permit applications, preemption of permitting standards to DOH, transient guests, standards for rebuilding after damage or destruction, abandoned property, park operator authority to refuse access & eject guests & visitors, & certain immunity from liability; requires DACS to adopt rules for establishment & administration of certain examinations; authorizes certain qualifiers to engage in service & repair of recreational vehicles; requires specified LP gas experience or certification to apply for master qualifier certification. Effective Date: July 1, 2020

SB 0344 **Courts** by Bradley

Courts; Specifying that certain exemptions from court-related fees and charges apply to certain entities; requiring the court to waive any court costs or filing fees for certain proceedings involving public guardians; providing that a certain examination report related to annual guardianship plans may be prepared by a physician assistant or an advanced practice registered nurse under certain circumstances, etc. Effective Date: 7/1/2020

SB 0348 **Florida Kidcare Program** by Bean

Florida Kidcare Program; Removing the lifetime maximum cap on covered expenses for a child enrolled in the Florida Healthy Kids program, etc. Effective Date: Upon becoming a law

HB 0355 **Pasco County** by Zika

Pasco County: Repeals act relating to meeting agenda of board of county commissioners. Effective Date: upon becoming a law

SB 0362 **Florida Tourism Marketing** by Hooper

Florida Tourism Marketing; Revising the scheduled repeal of the Florida Tourism Industry Marketing Corporation direct-support organization; abrogating the scheduled repeal of the Division of Tourism Marketing of Enterprise Florida, Inc., etc. Effective Date: Upon becoming a law

HB 0369 **Limitation on Homestead Assessments** by Roth

Limitation on Homestead Assessments: Proposes amendments to State Constitution to increase period of time during which accrued benefit from specified limitations on homestead property tax assessments may be transferred from prior homestead to new homestead. Effective Date: Not Specified

HB 0371 **Limitations on Homestead Assessments** by Roth

Limitations on Homestead Assessments: Revises timeframe during which accrued benefit from specified limitations on homestead property tax assessments may be transferred from prior homestead to new homestead; revises timeframe during which an owner of homestead property significantly damaged or destroyed by named tropical storm or hurricane must establish new homestead to make certain election. Effective Date: on the effective date of the amendment to the State Constitution proposed by HJR 369 or a similar joint resolution having substantially the same specific intent and purpose

SB 0374 **Housing Discrimination** by Rouson

Housing Discrimination; Providing that discriminatory restrictions are unlawful, unenforceable, and declared null and void; removing housing discrimination as a cause of action for certain relief and damages stemming from violations of the Florida Civil Rights Act of 1992; revising the conditions under which an aggrieved person may commence a civil action in any appropriate court against a specified respondent to enforce specified rights; authorizing, rather than requiring, a civil action to commence within a specified period after an alleged discriminatory housing practice, etc. Effective Date: Upon becoming a law

SB 0384 **Harris Chain of Lakes** by Baxley

Harris Chain of Lakes; Repealing provisions relating to the Harris Chain of Lakes Restoration Council, etc. Effective Date: 7/1/2020

HB 0387 **License Plate Fees** by Hogan Johnson

License Plate Fees: Providing for collection of a uniform annual use fee for a specialty license plate unless otherwise specified, etc. Effective Date: October 1, 2020

HB 0389 **Practice of Pharmacy** by Sirois

Practice of Pharmacy: Creates collaborative pharmacy practice agreement between pharmacist & physician; requires agreements to be appropriate to training & scope of practice of pharmacist & physician; requires maintenance of records & specified pharmacists to report certain diseases of public health significance to DOH; authorizes pharmacists to test for & treat influenza & streptococcus; provides requirements for written protocol between pharmacist & supervising physician. Effective Date: July 1, 2020
Effective Date: July 1, 2020

SB 0400 **Elder Abuse Fatality Review Teams** by Gibson

Elder Abuse Fatality Review Teams; Authorizing a state attorney, or his or her designee, to initiate an elder abuse fatality review team in his or her judicial circuit; authorizing elder abuse fatality review teams in existence on a certain date to continue to exist; requiring each review team to annually submit to the department a summary report containing specified information by a certain date; providing immunity from monetary liability for review team members under certain conditions, etc. Effective Date: 7/1/2020

SB 0404 **Abortion** by Stargel

Abortion; Reclassifying the criminal offense for a specified violation; prohibiting physicians from performing or inducing the termination of the pregnancy of a minor unless specified requirements are satisfied; requiring a physician to obtain written consent from a minor's parent or legal guardian before performing or inducing a termination of the pregnancy of a minor; providing exceptions to such consent requirement; providing criminal penalties for physicians, etc. Effective Date: 7/1/2020

SB 0406 **Public Records/Minor's Petition to Waive Consent/Abortion** by Stargel

Public Records/Minor's Petition to Waive Consent/Abortion; Providing a public records exemption for information that could identify a minor which is contained in a record held by the court relating to the minor's petition to waive consent requirements to obtain an abortion; providing for future legislative review and repeal under the Open Government Sunset Review Act; providing a statement of public necessity, etc. Effective Date: On the same date that SB 404 or similar legislation takes effect if such legislation is adopted in the same legislative session or an extension thereof and becomes a law

SB 0410 **Growth Management** by Perry

Growth Management; Prohibiting counties from adopting, after a specified date, a comprehensive plan, a land development regulation, or another form of restriction unless certain conditions are met; requiring the Department of Economic Opportunity to give a preference to certain counties and municipalities when selecting applications for funding for specified technical assistance; requiring local governments to include a property rights element in their comprehensive plans; providing that certain property owners are not required to consent to development agreement changes under certain circumstances, etc. Effective Date: 7/1/2020

HB 0423 **Town of Ocean Breeze, Martin County** by Overdorf

Town of Ocean Breeze, Martin County: Provides exception to general law; authorizes the Town of Ocean Breeze in Martin County to hold public meetings within specified mileage of its jurisdictional boundary under certain circumstances. Effective Date: upon becoming a law

SB 0426 Economic Development by Montford

Economic Development; Revising the responsibilities of divisions within the Department of Economic Opportunity; specifying that the concept of building the professional capacity of a regional economic development organization includes the hiring of professional staff to perform specified services; revising the maximum percentage of total infrastructure project costs for which the department may award grants; replacing CareerSource Florida, Inc., with the state board or the department in provisions relating to the implementation of the federal Workforce Innovation and Opportunity Act, etc. Effective Date: 7/1/2020

SB 0434 Designation of School Grades by Montford

Designation of School Grades; Revising the components on which a school's grade is based, etc. Effective Date: 7/1/2020

HB 0437 Nurse Registries by Stone

Nurse Registries: Authorizes use of licensed nurse registries for placement of attendant care provided for workers' compensation purposes. Effective Date: July 1, 2020

HB 0441 Public Procurement of Services by DiCeglie

Public Procurement of Services: Revises maximum dollar amount for continuing contracts for construction projects; revises term "continuing contract" to increase certain maximum dollar amounts for professional architectural, engineering, landscape architectural, & surveying & mapping services. Effective Date: July 1, 2020

HB 0467 Physical Therapy Practice by Stevenson

Physical Therapy Practice: Revising the powers and duties of the Board of Physical Therapy Practice; requiring the board to establish minimum standards of practice for the performance of dry needling, and additional supervision and training requirements for the performance of dry needling of specified areas, by physical therapists, etc. Effective Date: July 1, 2020

HB 0469 Real Estate Conveyances by Duggan

Real Estate Conveyances: Provides that subscribing witnesses are not required to validate certain instruments conveying leasehold interest in real property. Effective Date: July 1, 2020

SB 0476 Law Enforcement Vehicles by Hooper

Law Enforcement Vehicles; Providing that condominium, cooperative, and homeowners' associations, respectively, may not prohibit a law enforcement officer from parking his or her assigned law enforcement vehicle in certain areas, etc. Effective Date: Upon becoming a law

HB 0505 Estates and Trusts by Driskell

Estates and Trusts: Revises provisions for estates and trusts related to precious metals as property, notice requirements for jurisdiction, filing of objections, sales involving conflicts of interest, and compensation for serving as personal representative or trustee. Effective Date: October 1, 2020

HB 0529 Insurance Guaranty Associations by Webb

Insurance Guaranty Associations: Revises obligations of Florida Insurance Guaranty Association, Incorporated, for policies covering condominium associations & homeowners' associations; revises percentage limits on emergency assessments levied against insurers by OIR. Effective Date: July 1, 2020

SB 0538 Emergency Management by Diaz

Emergency Management; Providing that certain informational meetings or calls coordinated by a federal, state, or local emergency management agency related to any federal, state, or local response to a declared disaster are not considered public meetings if certain conditions are met; requiring the State Watch Office within the Division of Emergency Management to create a list of reportable incidents;

requiring a political subdivision to report incidents contained on the list to the office; authorizing the office to establish guidelines a political subdivision must follow to report an incident, etc. Effective Date: 7/1/2020

SB 0540 Insurance Guaranty Associations by Rader

Insurance Guaranty Associations; Authorizing certain guaranty association employees to adjust losses for the Florida Insurance Guaranty Association if certain conditions are met; redefining the term "net direct written premiums" as "direct written premiums" and revising the definition of that term; deleting a calculation of initial estimated assessments levied by the Office of Insurance Regulation on insurers in the Florida Insurance Guaranty Association; deleting a calculation of initial estimated assessments levied by the office on insurers in the Florida Workers' Compensation Insurance Guaranty Association, etc. Effective Date: 7/1/2020

HB 0549 Pub. Rec./Site-specific Location Information of Endangered and Threatened Species by Overdorf

Pub. Rec./Site-specific Location Information of Endangered and Threatened Species: Provides exemption from public records requirements for site-specific location information of endangered & threatened species; provides for future legislative review & repeal of exemption; provides statement of public necessity. Effective Date: July 1, 2020

HB 0559 Institutional Formularies Established by Nursing Home Facilities by Byrd

Institutional Formularies Established by Nursing Home Facilities: Authorizes nursing home facility to establish & implement institutional formulary; requires facility to maintain written policies & procedures for institutional formulary & make available to AHCA, upon request; provides requirements relating to prescribers; prohibits facility from taking adverse action against prescriber or resident under certain circumstances; authorizes pharmacist to substitute medicinal drugs under institutional formulary established by facility under certain circumstances. Effective Date: July 1, 2020

HB 0573 First Responders and Correctional Officers by Casello

First Responders and Correctional Officers: Prohibiting certain persons who participate in peer support communication with a first responder from testifying or divulging specified information under certain circumstances; specifying that an allegation or complaint of misconduct against a law enforcement officer or a correctional officer may originate from any source; authorizing law enforcement and correctional agencies to request a separate agency to conduct an investigation of a complaint under certain circumstances, etc. Effective Date: July 1, 2020

SB 0580 Uniform Partition of Heirs Property Act by Bracy

Uniform Partition of Heirs Property Act; Creating the "Uniform Partition of Heirs Property Act"; providing requirements relating to the court determination of heirs property; providing for the determination of property value; providing for buyout of cotenants; providing for sale of property through open-market sale, sealed bids, or auction; authorizing certain cotenants to agree to certain partitions of real property, etc. Effective Date: 7/1/2020

SB 0594 Florida Statutes by Benacquisto

Florida Statutes; Adopting the Florida Statutes 2020 and designating the portions thereof that are to constitute the official law of the state, etc. Effective Date: On the 60th day after adjournment sine die of the session of the Legislature in which enacted

SB 0596 Florida Statutes by Benacquisto

Florida Statutes; Deleting provisions that have expired, have become obsolete, have had their effect, have served their purpose, or have been impliedly repealed or superseded; replacing incorrect cross-references and citations; correcting grammatical, typographical, and like errors; removing inconsistencies, redundancies, and unnecessary repetition in the statutes, etc. Effective Date: On the 60th day after adjournment sine die of the session of the Legislature in which enacted

HB 0597 Tri-Par Estates Park and Recreation District, Sarasota County by Newton

Tri-Par Estates Park and Recreation District, Sarasota County: Authorizes board of trustees to adopt & enforce certain rules & regulations governing use of district facilities & prescribe penalties for violations of such rules & regulations; provides requirements for such penalties. Effective Date: upon becoming a law

SB 0598 **Florida Statutes** by Benacquisto

Florida Statutes; Deleting provisions which have become inoperative by noncurrent repeal or expiration and, pursuant to s. 11.242(5)(b) and (i), F.S., may be omitted from the 2020 Florida Statutes only through a reviser's bill duly enacted by the Legislature, etc. Effective Date: On the 60th day after adjournment sine die of the session of the Legislature in which enacted

HB 0599 **Consultant Pharmacists** by Rodriguez (AM)

Consultant Pharmacists: Requires pharmacist to complete additional training for consultant pharmacist licensure; authorizes consultant pharmacist to perform specified services; prohibits consultant pharmacist from modifying or discontinuing medicinal drugs prescribed by health care practitioner; requires maintenance of collaborative practice agreements; requires such agreements be available upon request by DOH; prohibits consultant pharmacist from diagnosing disease or condition. Effective Date: July 1, 2020

SB 0600 **Florida Statutes** by Benacquisto

Florida Statutes; Amending and repealing provisions to conform to the directive of the Legislature in section 9 of chapter 2012-116, Laws of Florida, codified as section 11.242(5)(j), Florida Statutes, to prepare a reviser's bill to omit all statutes and laws, or parts thereof, which grant duplicative, redundant, or unused rulemaking authority, etc. Effective Date: On the 60th day after adjournment sine die of the session of the Legislature in which enacted

HB 0607 **Direct Care Workers** by Pigman

Direct Care Workers: Requiring a licensed home health agency that authorizes a registered nurse to delegate tasks to a certified nursing assistant or a home health aide to ensure that certain requirements are met; requiring home health aides to complete annual inservice training in medication administration and medication error prevention, in addition to existing annual inservice training requirements; creating the Excellence in Home Health Program and the Nurse Registry Excellence Program, respectively, within the agency for a specified purpose; requiring the agency to adopt rules establishing program criteria, etc. Effective Date: July 1, 2020

HB 0617 **Holiday Park Park and Recreation District, Sarasota County** by Buchanan

Holiday Park Park and Recreation District, Sarasota County: Authorizes board of trustees to adopt & enforce certain rules & regulations governing use of district facilities & prescribe penalties for violations of such rules & regulations; provides requirements for such penalties. Effective Date: upon becoming a law

HB 0625 **Public Nuisances** by Newton

Public Nuisances: Authorizes sheriffs to sue to enjoin alleged nuisances; revises notice requirements for filing of temporary injunctions relating to enjoinder of nuisances; extends time period of notice before lien may attach to real estate; declares use of location by certain persons is public nuisance; declares that any place or premises that has been used on more than two occasions during certain time period as site of specified violations is nuisance; provides opportunity to remedy nuisance; prohibits rental property from being abated or subject to forfeiture. Effective Date: July 1, 2020

HB 0641 **Funds for the Operation of Schools** by Plasencia

Funds for the Operation of Schools: Revising the annual allocation to school districts to include an additional calculation of full-time equivalent membership for students who earn a College Board Advanced Placement Capstone Diploma beginning in a specified fiscal year; creating the teacher salary increase allocation; prohibiting a school district or charter school from reducing the base minimum salary; deleting the Florida Best and Brightest Allocation, etc. Effective Date: July 1, 2020

SB 0646 **Intercollegiate Athlete Compensation and Rights** by Mayfield

Intercollegiate Athlete Compensation and Rights; Authorizing certain intercollegiate athletes to earn compensation for the use of their names, images, or likenesses; prohibiting a postsecondary educational institution and other entities, institutions, and their employees from compensating intercollegiate athletes or prospective intercollegiate athletes for the use of their names, images, or likenesses; prohibiting the revocation or reduction of certain aid as a result of intercollegiate athletes earning certain compensation or

obtaining specified representation; providing requirements for certain athlete agents, etc. Effective Date: 7/1/2021

HB 0659 Drones by Fischer

Drones: Adds exception to prohibited uses of drone for managing & eradicating invasive exotic plants or animals on public lands & suppressing & mitigating wildfire threats. Effective Date: July 1, 2020

SB 0662 Education and the Military by Wright

Education and the Military; Providing that a student whose parent is transferred or is pending transfer to a military installation within this state is considered a resident of the school district in which the military installation is located for the purpose of enrollment; revising the calculation of school grades for certain schools, etc. Effective Date: 7/1/2020

SB 0664 Verification of Employment Eligibility by Lee

Verification of Employment Eligibility; Prohibiting the approval of certain economic development incentive applications after a specified date; requiring public employers, contractors, and subcontractors to register with and use the E-Verify system; prohibiting such entities from entering into a contract unless each party to the contract registers with and uses the E-Verify system; requiring private employers to verify the employment eligibility of newly hired employees beginning on a specified date, etc. Effective Date: 7/1/2020

HB 0675 Exposure of Sexual Organs by Mercado

Exposure of Sexual Organs: Increases criminal penalties for exposure of sexual organs for second or subsequent offense; authorizes warrantless arrests when law enforcement officer has probable cause to believe that person has unlawfully exposures sexual organs. Effective Date: October 1, 2020

SB 0680 Shark Fins by Hutson

Shark Fins; Citing this act as the "Kristin Jacobs Ocean Conservation Act"; prohibiting the import, export, and sale of shark fins in this state; providing exceptions; requiring the Fish and Wildlife Conservation Commission to evaluate the potential economic impacts to the commercial shark fishing industry in this state; requiring the commission to review the potential impact on shark populations; requiring a report to the Legislature by a specified date; authorizing the Legislature to impose a ban on the domestic production of shark fins based upon the findings of the report, etc. Effective Date: 10/1/2020

SB 0698 Reproductive Health by Book

Reproductive Health; Requiring the Department of Health to immediately suspend the license of certain health care practitioners under certain circumstances; defining the term "pelvic examination"; prohibiting health care practitioners and certain students from performing a pelvic examination on a patient without first obtaining the written consent of the patient or the patient's legal representative; establishing the criminal offense of reproductive battery, etc. Effective Date: Except as otherwise expressly provided in this act, this act shall take effect July 1, 2020

SB 0702 Petroleum Cleanup by Albritton

Petroleum Cleanup; Authorizing the Department of Environmental Protection to use funds from the Inland Protection Trust Fund to pay for specified activities related to removal and replacement of petroleum storage systems; providing for petroleum storage system repair or replacement due to damage caused by ethanol or biodiesel and for preventive measures to reduce the potential for such damage; revising the contents of an advanced cleanup application to include a specified property owner or responsible party agreement, etc. Effective Date: 7/1/2020

HB 0705 Emergency Sheltering of Persons with Pets by Killebrew

Emergency Sheltering of Persons with Pets: Requires DOE to assist DEM in determining strategies regarding evacuation of persons with pets; requires certain counties to designate shelter that can accommodate persons with pets; specifies requirements for such shelters. Effective Date: July 1, 2020

SB 0712 Environmental Resource Management by Mayfield

Environmental Resource Management; Citing this act as the “Clean Waterways Act”; requiring the Department of Health to provide a specified report to the Governor and the Legislature by a specified date; requiring the Department of Health and the Department of Environmental Protection to submit to the Governor and the Legislature, by a specified date, certain recommendations relating to the transfer of the Onsite Sewage Program; directing water management districts to submit consolidated annual reports to the Office of Economic and Demographic Research; removing provisions requiring certain onsite sewage treatment and disposal system research projects to be approved by a Department of Health technical review and advisory panel, etc. Effective Date: Except as otherwise expressly provided in this act, this act shall take effect July 1, 2020

HB 0713 Department of Health by Rodriguez (AM)

Health Regulation: Revising the purpose of patient care networks from serving patients with acquired immune deficiency syndrome to serving those with human immunodeficiency virus; requiring the Department of Health to develop strategies to maximize federal-state partnerships that provide incentives for physicians to practice in medically underserved or rural areas; revising term limits for Tier 3 cancer center designations within the Florida Consortium of National Cancer Institute Centers Program; requiring dentists and certified registered dental hygienists to report in writing certain adverse incidents to the department within a specified timeframe, etc. Effective Date: July 1, 2020

SB 0716 County Boundaries by Mayfield

County Boundaries; Revising county boundaries, etc. Effective Date: Upon becoming a law

HB 0717 Space Florida Financing by Sirois

Space Florida Financing: Specifies bonding provisions to which Space Florida is subject; revises powers of Space Florida; removes provisions regarding presentation of bond proposals to, & approval of bond issuance by, Governor & Cabinet; revises provisions relating to securing issuance of revenue bonds; repeals provisions relating to pledging assessments & other revenues & properties as additional security on bonds, issuance of bond anticipation notes, & short-term borrowing; revises provisions relating to lien of pledges; revises bond maturity date requirements; authorizes Space Florida to validate bonds pursuant to certain provisions. Effective Date: July 1, 2020

HB 0731 Agency for Health Care Administration by Perez

Agency for Health Care Administration: Revises certain duties of AHCA relating to reporting, oversight, licensure inspections, issuance of licenses, & Medicaid fraud investigations; removes annual assessment on health care entities; removes provisions relating to multiphasic testing centers. Effective Date: July 1, 2020

SB 0738 Jury Service by Harrell

Jury Service; Requiring that full-time students who meet specified criteria be excused from jury service upon request, etc. Effective Date: 7/1/2020

HB 0743 Nonopioid Alternatives by Plakon

Nonopioid Alternatives: Revises requirement for certain health care practitioners to inform patient or patient's representative of nonopioid alternatives before prescribing or ordering an opioid drug. Effective Date: July 1, 2020

HB 0747 Coverage for Air Ambulance Services by Williamson

Coverage for Air Ambulance Services: Requires health insurers & health maintenance organizations to provide reasonable reimbursement to air ambulance services for certain covered services; provides that such reimbursement may be reduced only by certain amounts; provides that payment in full of copayments, coinsurance, & deductibles by insureds & subscribers constitutes accord & satisfaction & release of specified claims in connection with air ambulance services. Effective Date: upon becoming a law

HB 0763 Patient Safety Culture Surveys by Grant (M)

Patient Safety Culture Surveys: Requires licensed facilities to biennially conduct anonymous patient safety culture survey using applicable federal publication; requires facilities to biennially submit such survey to

AHCA; requires agency to collect, compile, & publish survey data; revises requirements for submission of health care data to agency; provides appropriations. Effective Date: July 1, 2020

HB 0767 Assisted Living Facilities by Grant (M)

Assisted Living Facilities: Revises requirements & standards relating to ALF licensure, inspections, resident criteria & rights, & staff training & continuing education. Effective Date: July 1, 2020

HB 0783 Uniform Commercial Real Estate Receivership Act by Beltran

Uniform Commercial Real Estate Receivership Act: Creates Uniform Commercial Real Estate Receivership Act; provides provisions relating to court orders, court jurisdiction, receivers & ancillary receivers, posting of bonds, receivership property, timeframes for specified claims, defenses & immunities, & awards of certain costs & fees. Effective Date: July 1, 2020

HB 0787 Driver Licenses and Identification Cards by Tomkow

Driver Licenses and Identification Cards: Requires application forms for original, renewal, & replacement driver licenses & ID cards to include language allowing voluntary contribution to Live Like Bella Childhood Cancer Foundation; authorizes person with specified disabilities to have capital letter "D" placed on his or her driver license; provides requirements for placement of such letter on, or removal of such letter from, person's driver license. Effective Date: October 1, 2020

HB 0789 Driver License Fees by Tomkow

Driver License Fees: Provides fees for placement of specified letter on, or removal of such letter from, driver license of person who has developmental disability. Effective Date: on the same date that CS/CS /HB 787 or similar legislation takes effect

SB 0810 Tobacco and Nicotine Products by Simmons

Use of Tobacco Products and Nicotine Products; Requiring permits to be issued to persons or corporations whose officers are not less than 21 years of age; specifying that fees for a retail tobacco products dealer permit only apply to retailers dealing in certain tobacco products; revising prohibitions on the sale of tobacco products from vending machines; prohibiting a person from selling, delivering, bartering, furnishing, or giving flavored liquid nicotine products to any other person, etc. Effective Date: 1/1 /2021

HB 0813 Protection of Vulnerable Investors by McClure

Protection of Vulnerable Investors: Requires securities dealers, investment advisers, & associated persons to report knowledge or suspicion of abuse, neglect, or exploitation of vulnerable adults to DCF; authorizes dealers & investment advisers to delay certain disbursements or transactions based on reasonable belief of financial exploitation of specified adult; requires dealer or investment adviser to notify certain persons & OFR of such delays within specified timeframe; authorizes dealer or investment adviser to extend delay; provides that length of such delays may be shortened or extended by court of competent jurisdiction; provides immunity from administrative & civil liability for dealers, investment advisers, & associated persons; requires dealers & investment advisers to develop certain training policies or programs & maintain written records of compliance. Effective Date: July 1, 2020

HB 0821 Pub. Rec. and Meetings/Information Technology Security Information by Williamson

Pub. Rec. and Meetings/Information Technology Security Information: Provides exemptions from public records requirements for portions of records held by state agency that contain network schematics, hardware & software configurations, & encryption & certain recordings & transcripts; provides exemption from public meetings requirements for portions of meetings that would reveal such records; provides for future legislative review & repeal of exemptions; provides public necessity statement & for retroactive application of exemptions. Effective Date: upon becoming a law

SB 0828 Florida ABLE Program by Benacquisto

Florida ABLE Program; Abrogating the future repeal of provisions relating to the Florida ABLE program, etc. Effective Date: Upon becoming a law

SB 0830 OGSR/Certain Personal Financial and Health Information by Benacquisto

OGSR/Certain Personal Financial and Health Information; Amending a provision which provides an exemption from public records requirements for certain personal financial and health information held by the Florida Prepaid College Board, Florida ABLE, Inc., or the Florida ABLE program, or an agent or service provider thereof; removing the scheduled repeal of the exemption, etc. Effective Date: 10/1/2020

HB 0835 Alzheimer's Disease by Willhite

Alzheimer's Disease: Requires state agencies to provide assistance to Alzheimer's Disease Advisory Committee; creates position of Dementia Director within DOEA; requires Secretary of Elderly Affairs to appoint director; authorizes director to call upon certain agencies for assistance; provides duties & responsibilities of director; revises name of memory disorder clinic in Orange County. Effective Date: July 1, 2020

SB 0838 Business Organizations by Simmons

Business Organizations; Specifying that certain documents accepted by the Department of State for filing are effective on the date the documents are accepted by the department; revising the required contents of a meeting notice relating to the removal of a director by shareholders; authorizing a domestic corporation to acquire one or more classes or series of shares under certain circumstances; authorizing the department to direct certain interrogatories to certain corporations and to officers or directors of certain corporations, etc. Effective Date: Upon becoming a law

HB 0877 Ad Valorem Tax Discount for Spouses of Certain Deceased Veterans Who Had Permanent, Combat-Related Disabilities by Killebrew

Ad Valorem Tax Discount for Spouses of Certain Deceased Veterans Who Had Permanent, Combat-Related Disabilities: Proposes amendments to State Constitution to authorize surviving spouse of deceased veteran to carry over certain discounts on ad valorem taxes on homestead property until surviving spouse remarries or sells or otherwise disposes of property, if, upon veteran's death, veteran had permanent, combat-related disabilities; authorizes discount to be transferred to another permanent residence if surviving spouse has not remarried.

HB 0879 Surviving Spouse Ad Valorem Tax Reduction by Killebrew

Surviving Spouse Ad Valorem Tax Reduction: Authorizes surviving spouses of certain permanently disabled veterans to carry over certain discount on ad valorem taxes on homestead property under specified conditions; authorizes discount to be transferred to another permanent residence under specified conditions; provides procedure by which applicant may file application after specified date & request discount; authorizes DOR to adopt emergency rules. Effective Date: on the effective date of the amendment to the State Constitution proposed by HJR 877, or a similar joint resolution having substantially the same specific intent and purpose

SB 0886 Errors in Deeds by Powell

Errors in Deeds; Providing that a deed containing a scrivener's error conveys title as if there had been no such error if certain requirements are met; providing a form for a curative notice; authorizing the clerks of the circuit court to accept and record curative notices; providing for the operation of a curative notice, etc. Effective Date: 7/1/2020

HB 0901 Vocational Rehabilitation Services by Ponder

Vocational Rehabilitation Services: Revises duties of Division of Vocational Rehabilitation; requires division to provide preemployment transition services to eligible persons; requires division to enter into formal interagency agreement with state education agency for certain purposes; requires division to work with local educational agencies to provide specified services & arrange for referrals; revises provisions relating to Florida Endowment for Vocational Rehabilitation & Florida Endowment Foundation; revises requirements for individual education plans. Effective Date: July 1, 2020

HB 0915 Commercial Service Airports by Avila

Commercial Service Airports: Directing the Auditor General to conduct specified audits of certain airports; requiring certain members of the governing body of a large-hub commercial service airport to comply with certain financial disclosure requirements; requiring the governing body of a municipality, county, or special district that operates a commercial service airport to establish and maintain a website; requiring the

governing body to post or provide links to certain information on the website; requiring commercial service airports to comply with certain contracting requirements; requiring governing body members and employees of a commercial service airport to comply with certain ethics requirements; requiring the department to review such information and submit an annual report to the Governor and Legislature; prohibiting the expenditure of certain funds unless specified conditions are met, etc. Effective Date: October 1, 2020

HB 0921 Department of Agriculture and Consumer Services by Brannan III

Department of Agriculture and Consumer Services: Revising application of agricultural load securing requirements; requiring the Department of Agriculture and Consumer Services to adopt rules specifying requirements for agents to administer certain competency examinations and establishing a competency examination for a license to engage in activities solely related to the service and repair of recreational vehicles; extending the scheduled expiration for the Department of Agriculture and Consumer Services' use of funds from the Pest Control Trust Fund for certain duties of the department; directing the Florida Forest Service to develop a training curriculum for wildland firefighters; authorizing the Department of Agriculture and Consumer Services to revoke an aquaculture certificate of registration under certain conditions, etc. Effective Date: July 1, 2020

HB 0925 Manatee County by Gregory

Manatee County: Creates North River Ranch Improvement Stewardship District; provides charter; requires referendum for ad valorem taxation. Effective Date: upon becoming a law

HB 0927 Lake County by Sabatini

Lake County: Authorizes mobile home owner's association to assess capital contribution fee of specified amounts under certain circumstances; requires certain closing documents of a cooperative unit to include as a line item the capital contribution assessment. Effective Date: upon becoming a law

SB 0936 Disability Retirement Benefits by Gainer

Disability Retirement Benefits; Allowing members receiving care at federal Veterans Health Administration facilities to use certification by a specified number of physicians working at such facilities as proof of total and permanent disability for purposes of establishing eligibility for benefits, etc. Effective Date: 7/1/2020

HB 0945 Children's Mental Health by Silvers

Children's Mental Health: Requires DCF & AHCA to identify children & adolescents who use crisis stabilization services & to meet behavioral health needs of such children & adolescents; requires development of plans promoting coordinated system of care for certain services; requires testing of provider network databases maintained by Medicaid managed care plans; requires verification of use of certain strategies & outreach before student is removed from school, school transportation, or school-sponsored activity under specified circumstances; provides exception; requires DCF & AHCA to assess quality of care provided in crisis stabilization units. Effective Date: July 1, 2020

HB 0947 Volusia County by Leek

Volusia County: Authorizes Volusia County to permit vehicular traffic upon a portion of coastal beach not previously permitted for such traffic for a specified purpose. Effective Date: upon becoming a law

SB 0952 Senior Management Service Class by Perry

Senior Management Service Class; Providing that participation in the Senior Management Service Class of the Florida Retirement System is compulsory for each appointed criminal conflict and civil regional counsel and specified staff of the regional counsel beginning on a specified date; authorizing members of the class to purchase and upgrade certain retirement credit, etc. Effective Date: 7/1/2020

SB 0966 Public Records/Disaster Recovery Assistance by Gainer

Public Records/Disaster Recovery Assistance; Providing an exemption from public records requirements for property photographs and personal identifying information provided to specified entities by certain persons for the purpose of disaster recovery assistance; providing for future legislative review and repeal of the exemption; providing a statement of public necessity, etc. Effective Date: 7/1/2020

HB 0969 **Broadband Internet Service** by Drake

Broadband Internet Service: Authorizes certain funds within State Transportation Trust Fund to be used for certain broadband infrastructure projects within or adjacent to multiuse corridors; requires DOT to give priority to certain projects; designates DEO as lead state agency to facilitate expansion of broadband Internet service; requires DEO to work with certain entities; creates Florida Office of Broadband in DEO; provides purpose & duties of office. Effective Date: July 1, 2020

HB 0971 **Electric Bicycles** by Grant (M)

Electric Bicycles: Provides for rights & privileges of electric bicycles & operators; provides that electric bicycles are vehicles to same extent as bicycles; exempts electric bicycles & operators from specified provisions; requires labeling of electric bicycles; requires electric bicycles to comply with specified provisions & operate in certain manner; authorizes operators to ride electric bicycles where bicycles are allowed. Effective Date: July 1, 2020

HB 0977 **Motor Vehicle Dealers** by Rommel

Motor Vehicle Dealers: Revises definition of "rental company" to exclude certain motor vehicle dealers, for purpose of determining minimum insurance coverage requirements; provides specified motor vehicle dealers & affiliates are immune to causes of action & not vicariously or directly liable for harm to persons or property under certain circumstances; provides specified motor vehicle dealers & affiliates are not adjudged liable in civil proceedings or guilty in criminal proceedings under certain circumstances. Effective Date: July 1, 2020

HB 0989 **Broward County** by Jacobs

Broward County: Provides for transfer of certain county-related functions and duties, including ex officio clerk of board of county commissioners, county recorder, auditor, and custodian of county funds to county government; provides County Auditor maintain power & authority as prescribed in Charter; provides for interlocal agreement to transfer recorder functions & duties; provides for referendum. Effective Date: upon becoming a law

SB 0994 **Guardianship** by Passidomo

Guardianship; Expanding factors for a court to consider when appointing a guardian; revising requirements for a petition for the appointment of a guardian; prohibiting professional guardians from petitioning for their own appointment except under certain circumstances; prohibiting guardians from taking certain actions on behalf of an alleged incapacitated person or minor, etc. Effective Date: 7/1/2020

HB 1005 **Voting Systems** by Byrd

Voting Systems: Revises timeframes for testing of automated tabulating equipment; revises procedures governing canvassing of returns to specify usage of voting system's automatic tabulating equipment; specifies when ballots must be processed through automatic tabulating equipment in recount; specifies manner manual recount may be conducted; revises requirements for hardware or software used in manual recount; authorizes overvotes & undervotes to be identified & sorted physically or digitally in manual recount. Effective Date: January 1, 2021

HB 1009 **Special Neighborhood Improvement Districts** by Newton

Special Neighborhood Improvement Districts: Revises number of directors allowed for boards of special neighborhood improvement districts; requires local planning ordinances to specify number of directors & provide for 4-year staggered terms; requires that directors be landowners in proposed area & be subject to certain taxation. Effective Date: July 1, 2020

HB 1039 **Transportation Network Companies** by Rommel

Transportation Network Companies: Removes for-hire vehicles from list of vehicles that are not considered transportation network carriers or are not exempt from certain registration; provides insurance maintained by TNC vehicle owners may satisfy required insurance coverages; authorizes TNC drivers to contract with companies to install TNC digital advertising devices on TNC vehicles; provides immunity from certain liability for TNC drivers, TNC vehicle owners, owners & operators of TNC digital advertising devices, & certain TNCs; authorizes entities to elect to be regulated as luxury ground TNCs by notifying DFS; provides for preemption over local law on governance of luxury ground TNCs, luxury ground TNC drivers,

& luxury ground TNC vehicles; provides that TNCs are not liable for certain harm to persons or property if certain conditions are met. Effective Date: upon becoming a law

HB 1041 Florida Keys Mosquito Control District, Monroe County by Raschein

Florida Keys Mosquito Control District, Monroe County: Revises requirements for the board of commissioners to borrow money. Effective Date: upon becoming a law

HB 1047 Construction Materials Mining Activities by Avila

Construction Materials Mining Activities: Creates monitoring & reporting pilot program for use of explosives for construction materials mining activities in Miami-Dade County within Division of State Fire Marshal; requires marshal to hire or contract for such monitoring & reporting, post reports, & adopt rules; requires persons who use such explosives to submit certain written notice to State Fire Marshal; provides appropriation. Effective Date: October 1, 2020

HB 1049 Office of the Judges of Compensation Claims by Stone

Office of the Judges of Compensation Claims: Specifies salaries of full-time judges of compensation claims & Deputy Chief Judge of Compensation Claims; provides appropriations. Effective Date: July 1, 2020

SB 1050 Disaster Volunteer Leave for State Employees by Diaz

Disaster Volunteer Leave for State Employees; Reordering, revising, and providing definitions; revising conditions under which an employee may be granted leave under the Florida Disaster Volunteer Leave Act; specifying requirements and limitations, etc. Effective Date: 7/1/2020

SB 1056 PACE Center for Girls by Simpson

PACE Center for Girls; Authorizing the Department of Juvenile Justice to contract with the PACE Center for Girls for specified services, etc. Effective Date: 7/1/2020

SB 1060 Public Records and Meetings/911, E911, or Public Safety Radio Communication System by Thurston, Jr.

Public Records and Meetings/911, E911, or Public Safety Radio Communication System; Providing an exemption from public records requirements for certain documents which depict the structural elements of certain 911, E911, or public safety radio communication system infrastructure, structures, or facilities; providing an exemption from public records requirements for geographical maps indicating the actual or proposed locations of certain 911, E911, or public safety radio communication system infrastructure, structures, or facilities; providing for future legislative review and repeal of the exemption; providing a statement of public necessity, etc. Effective Date: Upon becoming a law

HB 1061 Aquatic Preserves by Massullo, Jr.

Aquatic Preserves: Creates Nature Coast Aquatic Preserve; designates preserve for inclusion in aquatic preserve system & as Outstanding Florida Water; describes boundaries of preserve. Effective Date: July 1, 2020

SB 1066 Impact Fees by Gruters

Impact Fees; Prohibiting new or increased impact fees from applying to certain applications; providing that impact fee credits are assignable and transferable under certain conditions, etc. Effective Date: 7/1/2020

SB 1082 Domestic Violence Injunctions by Albritton

Domestic Violence Injunctions; Authorizing a court to take certain actions regarding the care, possession, or control of an animal in domestic violence injunctions, etc. Effective Date: 7/1/2020

SB 1084 Emotional Support Animals by Diaz

Emotional Support Animals; Defining the terms “emotional support animal” and “housing provider”; prohibiting discrimination in housing provided to a person with a disability or a disability-related need for an emotional support animal; prohibiting a health care practitioner from providing information regarding a person’s need for an emotional support animal without having personal knowledge of that person’s need

for the animal; prohibiting the falsification of information or other fraudulent misrepresentation regarding the use of an emotional support animal, etc. Effective Date: 7/1/2020

HB 1087 Domestic Violence Services by Fernandez-Barquin

Domestic Violence Services: Revises duties of DCF in relation to domestic violence program; removes duties & functions of Florida Coalition Against Domestic Violence with respect to domestic violence; revises requirements of domestic violence centers; removes coalition from capital improvement grant program process. Effective Date: February 27, 2020

HB 1089 Trusts by Caruso

Trusts: Authorizes trustees of certain trusts to reimburse persons being treated as owner of trust for specified amounts & specified manner; prohibits certain policies, values, & proceeds from being used for such reimbursement; requires specified powers be granted to certain persons if terms of trust require trustee to act at direction or with consent of such persons or that specified decisions be made directly by such persons. Effective Date: July 1, 2020

HB 1091 Environmental Accountability by Fine

Environmental Accountability: Encouraging counties and municipalities, respectively, to establish a sanitary sewer lateral inspection program by a specified date; requiring a seller of real property to disclose any known defects in the property's sanitary sewer lateral; revising civil penalties for violations of certain provisions relating to the Biscayne Bay Aquatic Preserve, aquatic preserves, water resources, the Pollutant Discharge Prevention and Control Act, the Clean Ocean Act, regulation of oil and gas resources, the Phosphate Land Reclamation Act, artesian wells, terminal facilities, discharge contingency plans for vessels, sewage disposal facilities, dumping litter, small quantity generators, and coral reef protection, and other provisions relating to pollution and the environment, respectively; revising criminal penalties for violations of certain provisions relating to pollution and the environment, etc. Effective Date: July 1, 2020

SB 1092 Fire Prevention and Control by Bean

Fire Prevention and Control; Creating the Firefighter Cancer Decontamination Equipment Grant Program within the Division of State Fire Marshal of the Department of Financial Services for certain purposes; requiring the division to administer the program and annually award grants, and distribute equipment and training, to qualifying fire departments in a certain manner; requiring the State Fire Marshal to adopt rules and procedures; providing that an independent special fire control district has, and that the board of such district may exercise by majority vote, specified powers, etc. APPROPRIATION: \$250,000 Effective Date: 7/1/2020

HB 1095 Infrastructure Regulation by Fitzenhagen

Infrastructure Regulation: Providing term limits for the Public Counsel; revising and providing noncriminal violations relating to the transportation of certain hazardous materials; authorizing the State Fire Marshal or his or her agents to issue certain citations; requiring certain persons to transmit an incident report to the State Fire Marshal; requiring Sunshine State One-Call of Florida, Inc., to review certain reports and complaints, etc. Effective Date: July 1, 2020

HB 1105 Child Welfare by Tomkow

Child Welfare: Requires certain training for judges; authorizes & provides requirements for early childhood court programs; authorizes DCF to file petitions; requires court to consider specified factors when determining change of legal custody or placement; revises & provides requirements for case plans; provides requirements for court jurisdiction, information disclosure, & caregiver recommendations; provides timeframes for certain studies & licensing; provides requirements & processes for adoption of certain children; provides responsibilities for foster parents, birth or legal parents, DCF, & community-based care lead agency; requires employees of residential group homes to meet specified requirements; authorizes community-based care lead agency to provide more than 35 percent of all child welfare services under certain conditions. Effective Date: July 1, 2020

SB 1116 Trust Funds/State-Operated Institutions Inmate Welfare Trust Fund/Department of Corrections by Brandes

Trust Funds/State-Operated Institutions Inmate Welfare Trust Fund/Department of Corrections; Creating

the State-Operated Institutions Inmate Welfare Trust Fund within the Department of Corrections; providing the purpose of the trust fund; providing for future review and termination or re-creation of the trust fund, etc. Effective Date: 7/1/2020

SB 1118 Inmate Welfare Trust Funds by Brandes

Inmate Welfare Trust Funds; Requiring that certain amounts in inmate trust fund accounts be deposited into the trust fund; requiring that specified proceeds and funds be deposited into the State-Operated Institutions Inmate Welfare Trust Fund; providing that the trust fund is a trust held by the Department of Corrections for the benefit and welfare of certain inmates; requiring that funds of the trust fund be used exclusively for specified purposes at correctional facilities operated by the department; requiring that certain prisoner earnings are deposited into the trust fund, etc. APPROPRIATION: \$2,500,000 Effective Date: On the same date that SB 1116 or similar legislation takes effect if such legislation is enacted in the same legislative session or an extension thereof and becomes a law

SB 1120 Substance Abuse Services by Harrell

Substance Abuse Services; Requiring, rather than authorizing, an exemption from disqualification from employment for certain substance abuse service provider personnel under certain circumstances; providing that certain persons may be granted such exemption without a waiting period under certain circumstances; removing the authority of the Department of Children and Families to grant exemptions from disqualification under ch. 397, F.S., under certain circumstances; providing criminal penalties for violations relating to recovery residence patient referrals, etc. Effective Date: 7/1/2020

HB 1135 License Plates by Grant (J)

License Plates: Authorizing election of a permanent registration period for certain vehicles if certain conditions are met; requiring the Department of Highway Safety and Motor Vehicles to conduct a pilot program regarding digital license plates; revising presale requirements for issuance of a specialty license plate; prohibiting annual use fees received by any entity from being used for certain purposes, etc. Effective Date: October 1, 2020, but only if HB 387 or similar legislation takes effect

HB 1179 Nondiscrimination in Organ Transplants by Fischer

Nondiscrimination in Organ Transplants: Prohibits certain entities from making certain determinations or engaging in certain actions related to organ transplants solely on basis of individual's disability; provides exceptions; provides cause of action for injunctive & other relief; prohibits certain insurers, nonprofit health care service plans, & HMOs that provide coverage for organ transplants from denying coverage solely on basis of individual's disability. Effective Date: July 1, 2020

SB 1180 Joint Session for Purpose of Receiving Governor's Message by Benacquisto

Joint Session for Purpose of Receiving Governor's Message; Providing that the House of Representatives and the Senate convene in Joint Session for the purpose of receiving a message from the Governor, etc.

HB 1189 Genetic Information for Insurance Purposes by Sprowls

Genetic Information for Insurance Purposes: Prohibits life insurers & long-term care insurers from canceling, limiting, or denying coverage, or establishing differentials in premium rates based on genetic information; prohibits such insurers from taking certain actions relating to genetic information for any insurance purpose. Effective Date: July 1, 2020

HB 1193 Deregulation of Professions and Occupations by Ingoglia

Deregulation of Professions and Occupations: Requiring the Department of Highway Safety and Motor Vehicles to waive the requirement to pass the Commercial Driver License Skills Tests for certain servicemembers and veterans; specifying that the failure to repay certain student loans is not considered a failure to perform a statutory or legal obligation for which certain disciplinary action can be taken; deleting the requirement that the Florida State Boxing Commission adopt rules relating to a knockdown timekeeper; revising the membership and qualifications of the Florida Building Commission, etc. Effective Date: July 1, 2020

HB 1213 Educational Instruction of Historical Events by Fine

Educational Instruction of Historical Events: Directing the Commissioner of Education's African American

History Task Force to determine ways in which the 1920 Ocoee Election Day Riots will be included in required instruction on African-American history; directing the Secretary of State to take certain action regarding the inclusion of the history of the 1920 Ocoee Election Day Riots in museum exhibits; directing the Secretary of Environmental Protection to assess naming opportunities for state parks, or a portion of a facility therein, in recognizing victims of the 1920 Ocoee Election Day Riots; encouraging district school boards to assess naming opportunities for naming school facilities in recognition of victims of the 1920 Ocoee Election Day Riots; including certain instruction related to anti-Semitism in the required instruction relating to the Holocaust; designating a certain week as "Holocaust Education Week", etc. Effective Date: July 1, 2020

HB 1215 City of Weeki Wachee, Hernando County by Ingoglia

City of Weeki Wachee, Hernando County: Abolishes municipality; transfers assets & legitimate liabilities of municipality. Effective Date: upon becoming a law

HB 1249 Transfer of Tax Exemption for Veterans by Sullivan

Transfer of Tax Exemption for Veterans: Provides that certain veterans & their surviving spouses receiving homestead tax exemption may apply for & receive prorated refund of property taxes paid on new homestead property acquired during certain timeframe; requires property appraiser to immediately make certain entries upon tax rolls to allow prorated refund. Effective Date: July 1, 2020

HB 1259 Incarcerated Pregnant Women by Jones

Incarcerated Pregnant Women: Prohibiting the involuntary placement of pregnant prisoners in restrictive housing; providing exceptions; requiring corrections officials to write a specified report if circumstances necessitate placing a pregnant prisoner in restrictive housing; providing requirements for the treatment of pregnant prisoners placed in restrictive housing; requiring pregnant prisoners to be placed in a designated medical housing unit or admitted to the infirmary under certain circumstances; expanding enforcement provisions to provide for grievances for violations relating to restrictive housing of pregnant prisoners, etc. Effective Date: July 1, 2020

HB 1275 Amusement Rides by Pritchett

Amusement Rides: Provides & revises requirements related to amusement rides, including amusement ride managers, permanent amusement ride annual permits, temporary amusement ride permits, testing of amusement rides, exemptions from safety standards, inspection standards, & compliance certifications; revises standards for rules adopted by DACS relating to amusement rides; provides procedures for introduction & examination of witnesses & evidence in examinations & investigations conducted by DACS; revises civil penalties. Effective Date: July 1, 2020

SB 1276 Department of Citrus by Albritton

Department of Citrus; Establishing the Friends of Florida Citrus Program within the Department of Citrus; creating the Friends of Florida Citrus Advisory Council adjunct to the department; authorizing the Department of Citrus to loan department employees to or share department employees with specified state and federal entities, etc. Effective Date: 7/1/2020

SB 1286 Contraband in Specified Facilities by Simmons

Contraband in Specified Facilities; Prohibiting the introduction of certain cannabis related substances, cellular telephones and other portable communication devices, and vapor-generating electronic devices inside specified facilities of the Department of Children and Families or of the Agency for Persons with Disabilities; providing criminal penalties; prohibiting the introduction of certain cannabis related substances and vapor-generating electronic devices inside a state correctional institution, etc. Effective Date: 10/1/2020

SB 1292 Public Records/Nonjudicial Arrest Record of a Minor by Perry

Public Records/Nonjudicial Arrest Record of a Minor; Providing an exemption from public records requirements for a nonjudicial record of the arrest of a minor who has successfully completed a diversion program; providing for future legislative review and repeal of the exemption under the Open Government

Sunset Review Act; providing a statement of public necessity, etc. Effective Date: On the same date that SB 700 or similar legislation takes effect, if such legislation is adopted in the same legislative session or an extension thereof and becomes a law

HB 1303 **Brevard and Volusia Counties** by Plasencia

Brevard and Volusia Counties: Creates Deering Park Stewardship District; provides charter; requires referendum. Effective Date: upon becoming a law

SB 1326 **Child Welfare** by Simpson

Child Welfare; Requiring the Department of Children and Families to establish performance metrics; requiring sheriffs providing certain services to adopt the child welfare practice model; requiring the department to establish an Office of Quality; adding responsibilities to the department of contracts regarding care for children in the child welfare system; requiring the Florida Institute for Child Welfare and the Florida State University College of Social Work to design and implement a specified curriculum, etc. Effective Date: 7/1/2020

HB 1339 **Community Development and Housing** by Yarborough

Community Development and Housing: Authorizing a board of county commissioners to approve development of affordable housing on any parcel zoned for residential, commercial, or industrial use; revising the information that the county budget officer must submit to the Office of Economic and Demographic Research regarding the final budget and the county's economic status; amending the Florida Interlocal Cooperation Act of 1969 to authorize private entities to enter into specified loan agreements, etc. Effective Date: July 1, 2020

SB 1344 **Intermediate Care Facilities** by Harrell

Intermediate Care Facilities; Requiring certain facilities that have been granted a certificate-of-need exemption to demonstrate and maintain compliance with specified criteria; providing an exemption from a certificate-of-need requirement for certain intermediate care facilities; limiting the number of such exemptions the Agency for Health Care Administration may grant, etc. Effective Date: 7/1/2020

SB 1362 **Rental Agreements** by Rodriguez (J)

Rental Agreements; Repealing a provision relating to the termination of a rental agreement upon foreclosure; creating the "Protecting Tenants at Foreclosure Act"; providing for the assumption of interest in certain foreclosures on dwellings or residential real property; requiring the director of the Division of Consumer Services of the Department of Agriculture and Consumer Services to notify the Division of Law Revision of the repeal of the Protecting Tenants at Foreclosure Act of 2009 within a specified timeframe, etc. Effective Date: Except as otherwise expressly provided in this act, this act shall take effect July 1, 2020

HB 1373 **Long-term Care** by Webb

Long-term Care: Revises provisions relating to rescreening of certain individuals by aging resource centers; requires DOEA to maintain contact information for certain individuals & inform them of community resources; authorizes community-care-for-the-elderly service providers to dispute certain referrals. Effective Date: July 1, 2020

HB 1375 **Holmes, Jackson, and Washington Counties** by Drake

Holmes, Jackson, and Washington Counties: Authorizing a Board of Directors to govern the authority; providing for terms of office and appointment of members to the board; revising certain officer positions of the authority, etc. Effective Date: July 1, 2020

HB 1391 **Technology Innovation** by Grant (J)

Technology Innovation: Removes Division of State Technology from, & adding Florida Digital Service & Division of Telecommunications to, DMS; requires Florida Digital Service to develop enterprise architecture; prohibits DMS from retrieving or disclosing data under circumstances; revises certain standards that DLA, DFS, & DACS must adopt; provides notice requirements if departments adopt alternative standards in lieu of enterprise architecture standards; prohibits Florida Digital Service from retrieving or disclosing data; creates Financial Technology Sandbox within OFR; provides certain exceptions to general law & certain waivers of rule requirements to specified persons; provides

Technology Sandbox application requirements; provides that licensees are not immune from civil damages & are subject to criminal & consumer protection laws & certain general laws; authorizes office to issue certain orders & to enforce them; provides appropriation; provides that specified provisions of act are contingent upon passage of other provisions addressing public records. Effective Date: July 1, 2020

SB 1392 **Courts** by Simmons

Courts; Revising provisions governing the payment of subsistence and travel reimbursement for Supreme Court justices who designate an official headquarters other than the headquarters of the Supreme Court; authorizing district court of appeal judges who meet certain criteria to have an appropriate facility in their county of residence designated as their official headquarters; specifying eligibility for subsistence and travel reimbursement, subject to the availability of funds; providing that a county is not required to provide space for a judge in a county courthouse, etc. Effective Date: Except as otherwise expressly provided in this act, this act shall take effect July 1, 2020

HB 1393 **Pub. Rec./Financial Technology Sandbox** by Grant (J)

Pub. Rec./Financial Technology Sandbox: Provides exemptions from public records requirements for certain information made available to OFR in Financial Technology Sandbox applications by specified providers of innovative financial products or services, & for certain information relating on such providers; provides for future legislative review & repeal of exemptions; provides statement of public necessity. Effective Date: on the same date that CS/CS/CS/HB 1391 or similar legislation takes effect

SB 1398 **Community Planning** by Flores

Community Planning; Providing requirements for establishing a quorum for meetings of certain councils when a voting member appears via telephone, real-time videoconferencing, or similar real-time electronic or video communication; requiring the member to give notice of intent to appear via telephone, real-time videoconferencing, or similar real-time electronic or video communication by a specified time; requiring the Department of Economic Opportunity to give a preference to certain counties and municipalities when selecting applications for funding for technical assistance, etc. Effective Date: 7/1/2020

HB 1409 **Pub. Rec./Records of Insurers/Department of Financial Services** by Grant (M)

Pub. Rec./Records of Insurers/Department of Financial Services: Exempts from public records requirements certain records made or received by DFS acting as receiver pursuant to specified provisions; provides that such records comprise consumer personal financial & health information, certain underwriting files, insurer personnel & payroll records, consumer claim files, certain reports & documents submitted to OIR relating to insurer own-risk, corporate governance annual disclosures, & certain information received from NAIC or governments; provides retroactive applicability; provides for future legislative review & repeal of exemptions; provides statements of public necessity. Effective Date: July 1, 2020

SB 1414 **Fish and Wildlife Activities** by Mayfield

Fish and Wildlife Activities; Prohibiting certain harassment of hunters, trappers, and fishers within or on public lands or publicly or privately owned wildlife and fish management areas, or in or on public waters; authorizing the Fish and Wildlife Conservation Commission to designate additional annual free freshwater and saltwater fishing days; prohibiting the keeping, possessing, importing, selling, bartering, trading, or breeding of certain species except for educational, research, or eradication or control purposes; including green iguanas and species of the genera Salvator and Tupinambis in such prohibition, etc. Effective Date: 7/1/2020

HB 1439 **Bank Property of Deceased Account Holders** by Yarborough

Bank Property of Deceased Account Holders: Authorizes financial institution to pay funds on deposit in certain accounts to specified family member of decedent without court proceeding, order, or judgment; requires family member to provide certified copy of decedent's death certificate & specified affidavit to receive funds; specifies that person does not have right or cause of action against financial institution for taking or failing to take certain actions; provides liability for family member who withdraws funds; authorizes financial institution to provide copies of affidavit to certain persons; provides that specified types of personal property are not subject to probate administration or formal proceedings; requires certain

actions relating to decedent's creditors; provides bona fide purchasers protection from specified claims of creditors & from rights of spouses, beneficiaries, & heirs of decedents; provides limitation on liability of decedent's estate & recipients of estate. Effective Date: July 1, 2020

HB 1461 Health Access Dental Licenses by Brown

Health Access Dental Licenses: Reenacts provisions relating to issuance, renewal, & revocation of health access dental licenses; provides for retroactive application. Effective Date: upon becoming a law

HB 1463 Dunnellon Airport Authority, Marion County by Stone

Dunnellon Airport Authority, Marion County: Repeals special act relating to Dunnellon Airport Authority; abolishes authority; transfers all assets & liabilities of authority to Board of County Commissioners of Marion County. Effective Date: upon becoming a law

HB 1465 Hardee County Economic Development Authority, Hardee County by Bell

Hardee County Economic Development Authority, Hardee County: Authorizes the Hardee County Economic Development Authority to approve operating budget for specified purposes under certain circumstances. Effective Date: upon becoming a law

SB 1466 Government Accountability by Baxley

Government Accountability; Specifying conditions under which board members and public employees of special districts do not abuse their public positions; revising the list of items required to be included on the websites of special districts; specifying conditions under which board members and public employees of community development districts do not abuse their public positions, etc. Effective Date: Except as otherwise expressly provided in this act, this act shall take effect July 1, 2020

SB 1508 Police Vehicles by Taddeo

Police Vehicles; Prohibiting a person from knowingly selling, exchanging, or transferring a police vehicle without removing any police markings from the vehicle; requiring law enforcement agencies to provide an official letter of notification that the police markings have been removed; exempting sales, exchanges, or transfers of police vehicles to members of the public for the purposes of collection or display from specified requirements, etc. Effective Date: 7/1/2020

SB 1606 Insurance Administration by Perry

Insurance Administration; Revising a certain electronic signature requirement for a motor vehicle salvage certificate of title; authorizing the payment of certain workers' compensation benefits to be transmitted to the employee's account with a licensed money transmitter; revising criteria for assessing a residential condominium unit owner's loss assessment coverage; specifying sales practice requirements, prohibited sales practices, and authorized sales practices relating to travel insurance, etc. Effective Date: Except as otherwise expressly provided in this act and except for this section, which shall take effect upon this act becoming a law, this act shall take effect July 1, 2020

SB 1714 Sale of Surplus State-owned Office Buildings and Associated Nonconservation Lands by Bradley

Sale of Surplus State-owned Office Buildings and Associated Nonconservation Lands; Revising the purpose of the Architects Incidental Trust Fund; requiring funds relating to the sale of surplus state-owned office buildings and associated nonconservation lands to be used for certain purposes; revising the entities that the Board of Trustees of the Internal Improvement Trust Fund must offer a lease to before offering certain surplus lands for sale to other specified entities, etc. Effective Date: 7/1/2020

SB 1742 Home Medical Equipment Providers by Mayfield

Home Medical Equipment Providers; Exempting allopathic, osteopathic, and chiropractic physicians who sell or rent electrostimulation medical equipment and supplies in the course of their practice from certain licensure requirements, etc. Effective Date: 7/1/2020

SB 1794 Constitutional Amendments by Hutson

Constitutional Amendments; Increasing the signature threshold at which the Secretary of State must transmit initiative petitions to the Attorney General for review; providing that a citizen may challenge in

circuit court a petition circulator's registration with the Secretary of State; authorizing the Division of Elections or a supervisor of elections to provide petition forms in a certain electronic format; requiring that ballots containing constitutional amendments proposed by initiative include certain disclosures and statements, in a specified order, etc. Effective Date: Upon becoming a law

SB 1936 Extension of 2020 Legislative Session by Benacquisto

Extension of 2020 Legislative Session; Extending the 2020 Regular Session of the Florida Legislature under the authority of Section 3(d), Article III of the State Constitution, etc. until 11:59 p.m. on Friday, March 20, 2020

SB 2506 Correctional Medical Authority by Appropriations

Correctional Medical Authority; Transferring the State of Florida Correctional Medical Authority from the Executive Office of the Governor to the Department of Health by a type two transfer, etc. Effective Date: 7/1/2020

HB 5001 General Appropriations Act by Appropriations Committee

General Appropriations Act: Provides moneys for annual period beginning July 1, 2020, & ending June 30, 2021, & supplemental appropriations for period ending June 30, 2020, to pay salaries & other expenses, capital outlay—buildings & other improvements, & for other specified purposes of various agencies of state government. Effective Date: Not Specified

HB 5003 Implementing the 2020-2021 General Appropriations Act by Appropriations Committee

Implementing the 2020-2021 General Appropriations Act: Implements specified appropriations of the General Appropriations Act for 2020-2021 fiscal year. Effective Date: July 1, 2020

HB 5005 Collective Bargaining by Appropriations Committee

Collective Bargaining: Provides for resolution pursuant to specified instructions of collective bargaining issues at impasse between state & certified representatives of the bargaining units for state employees. Effective Date: July 1, 2020

HB 5007 State-administered Retirement Systems by Appropriations Committee

State-administered Retirement Systems: Revises required employer retirement contribution rates for each membership class & subclass of FRS; provides declaration of important state interest. Effective Date: July 1, 2020

HB 5301 Judges by Justice Appropriations Subcommittee

Judges: Revises number of circuit court judges in certain circuits; revises number of county court judges in certain counties. Effective Date: July 1, 2020

HB 6027 Citrus/Hernando Waterways Restoration Council, Citrus County by Massullo, Jr.

Citrus/Hernando Waterways Restoration Council, Citrus County: Repeals provisions relating to membership, powers, & duties of council. Effective Date: upon becoming a law

HB 6055 Telegraph Companies by Gregory

Telegraph Companies: Repeals provisions relating to regulation of telegraph companies and telegrams. Effective Date: July 1, 2020

HB 6501 Relief/Dontrell Stephens/Palm Beach County Sheriff's Office by Fernandez-Barquin

Relief/Dontrell Stephens/Palm Beach County Sheriff's Office: Providing for an appropriation to compensate him for personal injuries and damages sustained as the result of the negligence of a deputy of the office; providing for payment of compensation, fees, and costs; providing a limitation on the payment of attorney fees, lobbying fees, and costs; providing for the waiver and extinguishment of certain liens, etc. Effective Date: upon becoming a law

HB 7001 OGSR/E-mail Addresses/Department of Highway Safety and Motor Vehicles by Oversight, Transparency & Public Management Subcommittee

OGSR/E-mail Addresses/Department of Highway Safety and Motor Vehicles: Removes scheduled repeal of public records exemption for certain e-mail addresses collected by DHSMV. Effective Date: October 1, 2020

HB 7003

OGSR/Payment Instrument Transaction Information/Office of Financial Regulation by Oversight, Transparency & Public Management Subcommittee

OGSR/Payment Instrument Transaction Information/Office of Financial Regulation: Removes scheduled repeal of exemption from public records requirements for certain payment instrument transaction information held by OFR. Effective Date: October 1, 2020

SB 7004

OGSR/Taxpayer E-mail Addresses Held by a Tax Collector by Finance and Tax

OGSR/Taxpayer E-mail Addresses Held by a Tax Collector; Amending a provision relating to an exemption from public records requirements for taxpayer e-mail addresses held by a tax collector for certain purposes; removing the scheduled repeal of the exemption, etc. Effective Date: 10/1/2020

HB 7005

OGSR/RICO Act Investigations by Oversight, Transparency & Public Management Subcommittee

OGSR/RICO Act Investigations: Removes scheduled repeal of exemption from public records requirements for certain documents & information held by investigative agency pursuant to investigation relating to activity prohibited under Florida RICO Act. Effective Date: October 1, 2020

HB 7009

Penalties for Violations of the Constitutional Prohibition Against Abuse of Public Position by Public Integrity & Ethics Committee

Penalties for Violations of the Constitutional Prohibition Against Abuse of Public Position: Reenacts provisions relating to penalties. Effective Date: December 31, 2020

HB 7011

K-12 Student Athletes by PreK-12 Innovation Subcommittee

K-12 Student Athletes: Revises provisions relating to automated external defibrillators on school grounds, training related to CPR & defibrillators, FHSAA student athlete safety policies, & specified medical evaluations. Effective Date: July 1, 2020

SB 7012

Substance Abuse and Mental Health by Children, Families, and Elder Affairs

Substance Abuse and Mental Health; Providing additional duties for the Statewide Office for Suicide Prevention; requiring the Department of Transportation to work with the office in developing a plan relating to evidence-based suicide deterrents in certain locations; requiring that certain information be provided to the guardian or representative of a minor patient released from involuntary examination; requiring the maintenance of psychotropic medications to specified defendants under certain circumstances, etc. Effective Date: 7/1/2020

HB 7013

OGSR/Residential Facilities Serving Victims of Sexual Exploitation by Oversight, Transparency & Public Management Subcommittee

OGSR/Residential Facilities Serving Victims of Sexual Exploitation: Removes scheduled repeal of exemptions from public records requirements for information about location of certain residential facilities serving victims of sexual exploitation. Effective Date: October 1, 2020

HB 7015

OGSR/Body Camera Recordings by Oversight, Transparency & Public Management Subcommittee

OGSR/Body Camera Recordings: Removes scheduled repeal of exemption from public records requirements for body camera recordings. Effective Date: October 1, 2020

SB 7018

Essential State Infrastructure by Infrastructure and Security

Essential State Infrastructure; Authorizing the Department of Transportation to plan, design, and construct staging areas as part of the turnpike system for the intended purpose of staging supplies for prompt provision of assistance to the public in a declared state of emergency; requiring the department to coordinate, develop, and recommend a master plan for the development of electric vehicle charging station infrastructure along the State Highway System; providing construction relating to the rights of an owner of land that has been traditionally used for agriculture and is subject to a conservation easement, etc. Effective Date: 7/1/2020

HB 7019	OGSR/Human Trafficking Victims by Oversight, Transparency & Public Management Subcommittee
	OGSR/Human Trafficking Victims: Removes scheduled repeal of exemption from public records requirements for certain criminal intelligence & criminal investigative information that reveal identity of certain human trafficking victims. Effective Date: October 1, 2020
HB 7023	OGSR/Child Abuse Death Review Committees by Oversight, Transparency & Public Management Subcommittee
	OGSR/Child Abuse Death Review Committees: Removes scheduled repeal of exemptions from public records & public meetings requirements for certain identifying information held by State Child Abuse Death Review Committee or local committee. Effective Date: October 1, 2020
HB 7039	Repeal of Advisory Bodies and Programs by State Affairs Committee
	Repeal of Advisory Bodies and Programs: Repealing chapters 2003-287 and 2006-43, Laws of Florida, relating to the membership, powers, and duties of the Citrus/Hernando Waterways Restoration Council; deleting the advisory council for the My Safe Florida Home Program; removing the ad hoc committee that nominates persons for designation as Great Floridian; deleting the Trap Certificate Technical Advisory and Appeals Board; deleting the advisory board to support specific online degree programs at preeminent state research universities, etc. Effective Date: July 1, 2020
HB 7049	International Affairs by Transportation & Tourism Appropriations Subcommittee
	International Affairs: Requiring the Secretary of State to serve as the state protocol officer; requiring that certain organizations provide notice of international travel to the Department of State, rather than the Department of Economic Opportunity; authorizing the Department of State to support the establishment of citizen support organizations for certain purposes; prohibiting the department from allowing a citizen support organization to use certain services, property, or facilities if the organization does not provide equal membership and employment opportunities, etc. Effective Date: July 1, 2020
HB 7067	K-12 Scholarship Programs by Education Committee
	K-12 Scholarship Programs : Revising initial scholarship eligibility criteria for the Family Empowerment Scholarship Program; requiring that priority be given to students whose household income levels do not exceed a specified amount or who are in foster care or out-of-home; requiring a scholarship-funding organization to refer students who did not receive a scholarship because of lack of funds to another scholarship-funding organization, etc. Effective Date: July 1, 2020
HB 7075	OGSR/Animal Medical Records by Oversight, Transparency & Public Management Subcommittee
	OGSR/Animal Medical Records: Removes repeal of exemption from public records requirements for animal medical records held by any state college of veterinary medicine that is accredited by the American Veterinary Medical Association Council on Education. Effective Date: October 1, 2020
HB 7095	Adoption of the Internal Revenue Code for Purposes of the Corporate Income Tax by Ways & Means Committee
	Adoption of the Internal Revenue Code for Purposes of the Corporate Income Tax: Adopts Internal Revenue Code in effect on specified date; provides for retroactive effect. Effective Date: upon becoming a law
HB 7097	Taxation by Ways & Means Committee
	Taxation: Increasing a population limit on counties that may use tourist development tax revenues for certain uses; extending the timeframe within which certain changes to property damaged or destroyed by Hurricane Michael must commence to prevent the assessed value of the property from increasing; revising the deadlines for applying for additional ad valorem tax exemptions for certain servicemembers for a specified tax year; authorizing a property appraiser in a county for which the Governor has declared a state of emergency to post notices of proposed property taxes on its website if mailing the notice is not possible; providing sales tax exemptions for certain clothing, wallets, bags, school supplies, personal computers, and personal computer-related accessories during a certain timeframe; providing sales tax exemptions for certain disaster preparedness supplies during a certain timeframe, etc. Effective Date: July 1, 2020



MONEY REPORT

A List Of All Bills With An Appropriation
And/Or Claim Amount

C|P CORCORAN PARTNERS

SENATE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
S 00002	A/C	Claims/General	\$1,197,651	Relief of Scotty Bartek by the State of Florida
S 00004	C	Claims/Local Bill/CS	\$4,500,000	Relief of Dontrell Stephens by the Palm Beach County Sheriff's Office
S 00006	A/C	Claims/General	\$670,493	Relief of Shuler Limited Partnership/Department of Agriculture and Consumer Services
S 00008	A/C	Claims/General	\$10,000,000	Relief of the Descendants of Victims of the 1920 Ocoee Election Day Riots/State of Florida
S 00010	C	Claims/Local Bill	\$7,500,000	Relief of Rafael Rodriguez by the Hendry County Hospital Authority
S 00012	C	Claims/Local Bill	\$795,000	Relief of Jamiyah Mitchell, Latricia Mitchell, and Jerald Mitchell by the South Broward Hospital District
S 00014	C	Claims/Local Bill	\$3,500,000	Relief of Kareem Hawari by the Osceola County School Board
S 00016	A/C	Claims/General/CS	\$9,000,000	Relief of Christeia Jones, Logan Grant, Denard Maybin, Jr., and Lanard Maybin/Department of Highway Safety and Motor Vehicles
S 00018	A/C	Claims/General	\$1,900,000	Relief of Barney Brown by the State of Florida
S 00022	A/C	Claims/General	\$600,000	Relief of the Justice-2-Jesus Charitable Trust by the State of Florida
S 00024	A/C	Claims/General	\$720,000	Relief of Clemente Aguirre-Jarquín by the State of Florida
S 00026	A/C	Claims/General	\$1,750,000	Relief of the Estate of Danielle Maudsley/Department of Highway Safety and Motor Vehicles
*S 00028	A/C	Claims/General	\$2,150,000	Relief of Clifford Williams by the State of Florida
S 00030	C	Claims/Local Bill	\$1,507,364	Relief of Marcus Button by the Pasco County School Board
S 00032	A/C	Claims/General	\$10,000,000	Relief of former employees of Fairfax Street Wood Treeters by the State of Florida
S 00168	A	General Bill/CS	\$3,000,000	Drinking Water in Public Schools
S 00378	A	General Bill	\$83,651	Motor Vehicle Insurance
S 00502	A	General Bill/CS	\$585,000	Emergency Mitigation and Response
S 00524	A	General Bill/CS	\$70,072	Sales Tax Holiday for Disaster Preparedness Supplies
S 00542	A	General Bill/CS	\$237,000	Back-to-school Sales Tax Holiday
S 00758	A	General Bill	\$1,344,002	Hospital, Hospital System, or Provider Organization Transactions
S 00876	A	General Bill	\$2,000,000	Historically Black Colleges and Universities Matching Endowment Scholarship Program
S 00894	A	General Bill/CS	\$407,520	Business Services
S 01052	A	General Bill	\$200,000	Small Business Saturday Sales Tax Holiday
*S 01092	A	General Bill	\$250,000	Fire Prevention and Control
*S 01118	A	General Bill/CS	\$2,500,000	Inmate Welfare Trust Funds
S 01198	A	General Bill/CS	\$322,836	Purple Alert
S 01202	A	General Bill	Indeterminate	Care for Retired Law Enforcement Dogs
S 01230	A	General Bill	\$5,000,000	Electric Vehicles

SENATE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
S 01298	A	General Bill/CS	\$1,114,087	Office of the Judges of Compensation Claims
S 01310	A	General Bill	\$237,000	Hunting and Fishing Sales Tax Holiday
S 01324	A	General Bill/CS	\$2,249,690	Child Welfare
S 01370	A	General Bill/CS	\$162,477	Patient Safety Culture Surveys
S 01498	A	General Bill/CS	\$8,000,000	Education
S 01526	A	General Bill	\$1,650,000	Food Donation Programs
S 01592	A	General Bill	\$510,000,000	Florida Working Families Tax Rebate Program
S 01618	A	General Bill	\$1,040,000	Construction Materials Mining Activities
S 01676	A	General Bill/CS	\$1,035,786	Direct Care Workers
S 01808	A	General Bill	\$952,360	Public Assistance
S 01870	A	General Bill/CS	\$50,000	Technology Innovation
S 01878	A	General Bill/CS	Indeterminate	Environmental Protection
S 02500	A	General Bill	\$92,832,199,570	Appropriations
S 07016	A	General Bill	\$500,000	Statewide Office of Resiliency

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 00023	A	General Bill/CS	\$8,000,000	Panic Alarms in Public Schools
H 00121	A	General Bill	\$500,000	Abandoned Cemeteries
H 00139	A	General Bill	\$3,000,000	Drinking Water in Public Schools
H 00187	A	General Bill/CS	\$550,000	Postsecondary Education for Secondary Students
H 00383	A	General Bill	\$2,000,000	Historically Black Colleges and Universities Matching Endowment Scholarship Program
H 00487	A	General Bill/CS	\$250,000	Fire Prevention and Control
H 00521	A	General Bill	\$1,650,000	School Food and Nutrition Services
H 00605	A	General Bill/CS	\$288,234	Senior Management Service Class
*H 00607	A	General Bill/CS	\$5,789,297	Direct Care Workers
H 00711	A	General Bill/CS	\$1,268,721	Hospital, Hospital System, or Provider Organization Transactions
*H 00763	A	General Bill/CS	\$161,647	Patient Safety Culture Surveys
H 00771	A	General Bill	\$83,651	Motor Vehicle Insurance
H 00857	A	General Bill	\$407,520	Business Services
H 00871	A	General Bill/CS	\$10,000,000	Inmate Welfare Trust Funds
H 00899	A	General Bill	\$322,836	Purple Alert
H 00907	A	General Bill	\$300,000	Care for Retired Law Enforcement Dogs
H 01013	A	General Bill/CS	\$3,865,759	Early Learning and Early Grade Success
H 01017	A	General Bill	\$1,765,754	Criminal Justice
H 01021	A	General Bill	\$380,000,000	Florida Working Families Tax Rebate Program
*H 01047	A	General Bill/CS	\$2,040,000	Construction Materials Mining Activities
*H 01049	A	General Bill/CS	\$1,114,087	Office of the Judges of Compensation Claims
H 01073	A	General Bill	\$500,000	Statewide Office of Resiliency
H 01219	A	General Bill	\$5,000,000	Electric Vehicles
H 01247	A	General Bill	\$25,000,000	Trust Funds/Creation/Ocoee Election Day Riots Descendant Compensation Trust Fund/Department of Legal Affairs
H 01367	A	General Bill	\$952,360	Public Assistance
*H 01391	A	General Bill/CS	\$50,000	Technology Innovation
H 02001	A	Appropriations Project	\$421,495	National Flight Academy
H 02003	A	Appropriations Project	\$2,300,000	FIRST Economic Development Center
H 02005	A	Appropriations Project	\$951,000	Hands of Mercy Everywhere, Inc.-Bellevue Lakeside Hospitality Program
H 02007	A	Appropriations Project	\$300,000	Abate of Florida, Inc. Motorcycle Safety Awareness Program
H 02009	A	Appropriations Project	\$3,000,000	Green Mountain Connector
H 02011	A	Appropriations Project	\$67,520	Florida IATSE Joint Classification & Training Committee Training
H 02013	A	Appropriations Project	\$3,164,790	Taylor Creek Restoration Muck Removal Project
H 02015	A	Appropriations Project	\$3,250,000	Pasco County Pasco-Hernando State College Berm/Boggy Creek
H 02017	A	Appropriations Project	\$250,000	Martin County Police Athletic League
H 02019	A	Appropriations Project	\$1,435,500	Wildwood-Millennium Park Reclaim Main Extension
H 02021	A	Appropriations Project	\$10,000	Art in the Workplace - Broward
H 02023	A	Appropriations Project	\$1,500,000	Land O' Lakes US 41 Landscape Rehabilitation

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 02025	A	Appropriations Project	\$660,000	Pahokee 1st Street Stormwater Improvements
H 02027	A	Appropriations Project	\$900,000	City of Pahokee Emergency/Community Center
H 02029	A	Appropriations Project	\$550,000	Pahokee King Memorial Park Improvements
H 02031	A	Appropriations Project	\$850,000	City of Pahokee Marina Improvements
H 02033	A	Appropriations Project	\$400,000	Northeast Florida Area Agency on Aging - Home Delivered Meals
H 02035	A	Appropriations Project	\$5,750,000	Pasco County Handcart Road Water and Wastewater
H 02037	A	Appropriations Project	\$350,000	Fort Walton Beach Recreation Center Hardening
H 02039	A	Appropriations Project	\$2,200,000	City of Fort Walton Beach Denton Boulevard Extension
H 02041	A	Appropriations Project	\$875,000	Auditory Oral Intervention for Children with Hearing Loss
H 02043	A	Appropriations Project	\$250,000	Palm Beach Zoo and Conservation Society - Water Quality and Recreation
H 02045	A	Appropriations Project	\$578,000	Palm Beach Zoo - Safety Infrastructure
H 02047	A	Appropriations Project	\$1,000,000	Zeta Blue Network, Inc.
H 02049	A	Appropriations Project	\$160,000	Veterans Helping Veterans USA, Inc.
H 02051	A	Appropriations Project	\$500,000	Re-Entry Alliance Pensacola, Inc. (REAP) Re-Entry Portal
H 02053	A	Appropriations Project	\$50,000,000	Brevard County Water Quality Improvements
H 02055	A	Appropriations Project	\$1,500,000	City of Plantation Police Gun Range and Training Facility
H 02057	A	Appropriations Project	\$1,000,000	Marion County Septic to Sewer Initiative
H 02059	A	Appropriations Project	\$1,000,000	Belleview Reduction of Nutrient Loading Input to Groundwater
H 02061	A	Appropriations Project	\$717,438	Seminole State College of Florida: Renovation of Building V
H 02063	A	Appropriations Project	\$1,000,000	Miami Military Museum and Memorial
H 02065	A	Appropriations Project	\$800,000	Northwest Florida State College - Veterans Success Center
H 02067	A	Appropriations Project	\$200,000	Autism Society of Florida Drowning Prevention Scholarship Fund
H 02069	A	Appropriations Project	\$950,000	JAFCO Children's Ability Center
H 02071	A	Appropriations Project	\$935,500	Wildwood - Millennium Park Reclaim Main Extension
H 02073	A	Appropriations Project	\$300,000	Humane Society of Greater Miami - New Quarantine/Intake Building
H 02075	A	Appropriations Project	\$1,263,764	Treasure Coast Food Bank - Farmers Fresh Invest
H 02077	A	Appropriations Project	\$2,500,000	Winter Springs Advanced Wastewater Treatment
H 02079	A	Appropriations Project	\$2,055,000	Winter Springs Gee Creek Stormwater Management Facility

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 02081	A	Appropriations Project	\$475,000	Florida's Forensic Institute for Research, Security, and Tactics Cyber/Grid Security Review
H 02083	A	Appropriations Project	\$153,100	South Bay Stormwater Flood Control and Waterway Management Phase 2
H 02085	A	Appropriations Project	\$1,003,390	World Literacy Crusade of Florida - Mama Hattie's House for Social, Educational, and Residential Services
H 02087	A	Appropriations Project	\$1,000,000	Torrey Pines Institute for Molecular Studies - The Florida Drug Discovery Acceleration Program
H 02089	A	Appropriations Project	\$300,000	Creating Compassionate Schools
H 02091	A	Appropriations Project	\$1,300,000	City of South Bay Emergency Shelter and Care Center - Phase 2
H 02093	A	Appropriations Project	\$750,000	Marion County State Veterans' Nursing Home
H 02095	A	Appropriations Project	\$120,000	The Jewish Federation of Sarasota-Manatee - Sustainable Space Garden
H 02097	A	Appropriations Project	\$1,500,000	The Jewish Federation of Sarasota-Manatee - Campus Security
H 02099	A	Appropriations Project	\$5,469,395	Lacoochee Industrial Area Right-of-Way Improvements
H 02101	A	Appropriations Project	\$900,000	Lake Panasoffkee Community Center/Evacuation Shelter
H 02103	A	Appropriations Project	\$1,000,000	Learning for Life
H 02105	A	Appropriations Project	\$200,000	Family And Youth Help Center, Inc.
H 02107	A	Appropriations Project	\$960,000	Shrimp Wings & Things Community Development Expansion Project
H 02109	A	Appropriations Project	\$90,000	Pathways for Change, Inc. - Addiction Treatment for Incarcerated Males
H 02111	A	Appropriations Project	\$500,000	Non-Custodial Parent Employment Program
H 02113	A	Appropriations Project	\$300,000	Arc Jacksonville Transition to Community Employment & Life Skills
H 02115	A	Appropriations Project	\$1,200,000	United Way of Florida - Income Tax Consulting & Preparation Assistance
H 02117	A	Appropriations Project	\$850,000	Take Stock in College: Dramatically Improving Post-Secondary Completion
H 02119	A	Appropriations Project	\$100,000	Monroe County for ReMARCable Citizens - Adults with Disabilities
H 02121	A	Appropriations Project	\$1,000,000	Bitner Plante ALS Clinic Initiative of Florida
H 02123	A	Appropriations Project	\$100,000	Parkland Exotic Invasive Tree Removal
H 02125	A	Appropriations Project	\$380,000	Parkland Stormwater Quality Improvement Project
H 02127	A	Appropriations Project	\$5,000,000	Historic Fort Meade Peace River Park Outpost
H 02129	A	Appropriations Project	\$231,855	Jupiter Pennock Industrial Park Stormwater Improvements
H 02131	A	Appropriations Project	\$350,000	Jupiter Sims Creek Preserve Hydrologic Restoration

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 02133	A	Appropriations Project	\$870,000	Jupiter Seminole Avenue Stormwater Basin Improvements
H 02135	A	Appropriations Project	\$73,000	Affirmative Consent & Title IX Training for Secondary Schools
H 02137	A	Appropriations Project	\$25,000	Adult Literacy League - Improving the Lives of Central Floridians through Literacy and Education
H 02139	A	Appropriations Project	\$321,500	South Indian River Water Control District Section 7 Drainage Improvement Project
H 02141	A	Appropriations Project	\$5,000,000	Ecosphere Restoration Institute Submerged Aquatic Vegetation Statewide Restoration and Aquaculture Program
H 02143	A	Appropriations Project	\$546,250	Hillsborough County Sheriff's Office Explosive Ordnance Disposal (EOD) Team - Response Vehicle
H 02145	A	Appropriations Project	\$625,000	Midway Fire District
H 02147	A	Appropriations Project	\$3,500,000	Emerald Coast Utilities Authority Septic to Sewer for Enhancement of Economic Development in the Brownsville Area Phase II
H 02149	A	Appropriations Project	\$2,500,000	Emerald Coast Utilities Authority Septic to Sewer for Enhancement of Economic Development in the Brownsville Area Phase I
H 02151	A	Appropriations Project	\$2,650,000	University of Florida Lastinger Center - Algebra Nation Florida - Statewide Digital Math Enhancement Program
H 02153	A	Appropriations Project	\$300,000	Plantation - Special Needs Playground Equipment
H 02155	A	Appropriations Project	\$800,000	State of Florida Police Athletic/Activities League (SFAPAL) - Youth Leadership Program
H 02157	A	Appropriations Project	\$125,000	Waypoint Foundation - Mobile Dental Unit for Florida Keys Children
H 02159	A	Appropriations Project	\$750,000	Highland Beach Drainage Improvements
H 02161	A	Appropriations Project	\$1,305,400	Building a Better Tampa Bay STEM Workforce Initiative
H 02163	A	Appropriations Project	\$4,000,000	Straz Center for the Performing Arts - Master Plan Expansions
H 02165	A	Appropriations Project	\$150,000	Hillsborough County Swimmer Safety Initiative
H 02167	A	Appropriations Project	\$150,000	Hardee County Cracker Trail Museum & Pioneer Village Expansion & Improvements
H 02169	A	Appropriations Project	\$1,600,000	City of Wauchula Community Auditorium Redevelopment
H 02171	A	Appropriations Project	\$1,700,135	Wauchula Waterlines Replacement Service Area 3
H 02173	A	Appropriations Project	\$8,905,000	Hardening Homes for Low-Income Seniors - Miami-Dade
H 02175	A	Appropriations Project	\$1,000,000	Martin County Fair Association Agriplex and Fairgrounds
H 02177	A	Appropriations Project	\$450,000	Martin County Savanna South Water Control Weir
H 02179	A	Appropriations Project	\$4,000,000	Martin County Old Palm City Vacuum Sewer System

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 02181	A	Appropriations Project	\$750,000	Florida Holocaust Museum
H 02183	A	Appropriations Project	\$300,000	JARC Community Works
H 02185	A	Appropriations Project	\$201,523	Highland Beach Crosswalks
H 02187	A	Appropriations Project	\$1,500,000	City of Plantation - Police Mobile Incident Command Vehicle
H 02189	A	Appropriations Project	\$880,159	Family Reconnection Program
H 02191	A	Appropriations Project	\$500,000	City of South Bay Healthy Homes Initiative
H 02193	A	Appropriations Project	\$450,000	Belle Glade NW/SW 3rd Avenue, SW Avenue B Extension Corridor Stormwater Conveyance Improvements
H 02195	A	Appropriations Project	\$125,000	Martin County Cypress Creek Floodplain Restoration Project
H 02197	A	Appropriations Project	\$500,000	The Alternative Programs, Inc. - Alternatives to Incarceration
H 02199	A	Appropriations Project	\$1,233,406	Entourage Expo
H 02201	A	Appropriations Project	\$250,000	DeLand/Volusia County Connection Assistance Springshed Initiative
H 02203	A	Appropriations Project	\$885,000	SMA Healthcare - Assisted Outpatient Treatment for Severe Mental Illness
H 02205	A	Appropriations Project	\$750,000	Florida Atlantic University - Max Planck Florida Scientific Fellows
H 02207	A	Appropriations Project	\$1,530,000	Wauchula 12" Water Mainlines Connections Improvements
H 02209	A	Appropriations Project	\$900,000	William Burgess Boulevard Extension
H 02211	A	Appropriations Project	\$500,000	Lake Clarke Shores - Septic to Sewer Design Project
H 02213	A	Appropriations Project	\$1,200,000	Cuban Club Fourth Floor Restoration
H 02215	A	Appropriations Project	\$900,000	Nassau County American Beach Well and Septic Phase Out
H 02217	A	Appropriations Project	\$110,000	Nassau County Youth Alternative to Secured Detention (S.W.E.A.T)
H 02219	A	Appropriations Project	\$300,000	Davis-Bradley Community Involvement Center - Mental Health Overlay
H 02221	A	Appropriations Project	\$425,000	Stetson College of Law Veterans Advocacy Clinic
H 02223	A	Appropriations Project	\$1,200,000	Plantation - Fire Station 1
H 02225	A	Appropriations Project	\$30,000	Learn to Read Jacksonville
H 02227	A	Appropriations Project	\$1,500,000	Alzheimer's Community Care Association - Critical Support Initiative
H 02229	A	Appropriations Project	\$5,400,000	Disproportionate Share Hospital Funding-- Sacred Heart Hospital
H 02231	A	Appropriations Project	\$750,000	Florida Humanities Council
H 02233	A	Appropriations Project	\$390,725	Pinellas Park Orchid Lake Improvements Phase II

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 02235	A	Appropriations Project	\$300,000	BayCare Health System Ambulatory Telemonitoring Program
H 02237	A	Appropriations Project	\$50,000	Project Be Strong (Social and Emotional Wellness)
H 02239	A	Appropriations Project	\$25,000	ACEing Autism Florida Adaptive Tennis Project
H 02241	A	Appropriations Project	\$1,800,000	Ormond Beach North Peninsula Septic to Sewer Conversion Phase 1
H 02243	A	Appropriations Project	\$360,000	Ormond Beach Septic Tank Conversions for 76 Residences
H 02245	A	Appropriations Project	\$50,000	Jorge Nation Foundation Dream Trips
H 02247	A	Appropriations Project	\$252,920	Stetson University - St. Johns River Algae Remediation
H 02249	A	Appropriations Project	\$1,000,000	Palm Beach Habilitation Center Memory Care Group Home
H 02251	A	Appropriations Project	\$825,000	Integrated Care and Coordination for Youth (ICCY)
H 02253	A	Appropriations Project	\$600,000	St. Lucie County Treasure Coast International Airport (TCIA) Scrub-Jay Habitat
H 02255	A	Appropriations Project	\$827,000	City of Fort Pierce Public Safety and Emergency Operations Center
H 02257	A	Appropriations Project	\$500,000	Resources In Community Hope (RICH) House
H 02259	A	Appropriations Project	\$250,000	Housing Solutions Council - Housing That Works
H 02261	A	Appropriations Project	\$1,000,000	Stuart Alternative Water Supply Phase 2
H 02263	A	Appropriations Project	\$163,000	West Jacksonville Restoration Center Multimedia Afterschool and Summer Camp Training Program
H 02265	A	Appropriations Project	\$98,000	Restoring Central Florida's Urban Wetland Corridor
H 02267	A	Appropriations Project	\$325,000	Hamilton County Health Department Security and ADA Improvements
H 02269	A	Appropriations Project	\$1,127,500	Flagler Beach Wastewater Treatment Plant Improvements
H 02271	A	Appropriations Project	\$750,000	Live Like Bella Childhood Cancer Foundation
H 02273	A	Appropriations Project	\$272,000	The Student ACES Center Phase Two
H 02275	A	Appropriations Project	\$2,163,505	Andrews Institute Regenerative Medicine Center
H 02277	A	Appropriations Project	\$3,000,000	Palm Beach County Glades Region Infrastructure Improvement
H 02279	A	Appropriations Project	\$410,000	State College of Florida, Manatee-Sarasota - Manatee Educational Television
H 02281	A	Appropriations Project	\$400,000	Marion County Hospital District - Beacon Point Treatment Campus
H 02283	A	Appropriations Project	\$1,000,000	Arc Gateway Program for Adult Learning and Support
H 02285	A	Appropriations Project	\$1,000,000	Wolfson Children's Hospital - Center for Medically Complex Children
H 02287	A	Appropriations Project	\$500,000	Community Health Centers of Pinellas - Telehealth for Public Schools

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 02289	A	Appropriations Project	\$353,312	Exchange Parent Aide of Northeast Florida
H 02291	A	Appropriations Project	\$1,000,000	Oakland-South Lake Apopka Initiative
H 02293	A	Appropriations Project	\$2,750,000	Healthcare Network of Southwest Florida - Community Primary Care
H 02295	A	Appropriations Project	\$2,500,000	Belle Glade Asbestos Removal and Demolition
H 02297	A	Appropriations Project	\$2,250,000	Healthcare Network of Southwest Florida - Nichols Community Health Center
H 02299	A	Appropriations Project	\$1,500,000	Sarah Vande Berg Tennis Center
H 02301	A	Appropriations Project	\$2,300,000	US Hwy 301 / Pretty Pond Road and Medical Arts Court Intersection Improvements
H 02303	A	Appropriations Project	\$750,000	Junior Achievement Workforce Readiness Program Expansion
H 02305	A	Appropriations Project	\$747,582	Gateway Community Services - Project Save Lives
H 02307	A	Appropriations Project	\$1,000,000	Cedar Hammock Fire Control District Regional Training Tower
H 02309	A	Appropriations Project	\$1,600,000	Palm Beach County-Lake Okeechobee Shoreline Restoration
H 02311	A	Appropriations Project	\$500,000	City of Hope International - Substance Abuse Treatment Services
H 02313	A	Appropriations Project	\$485,000	Baycare Behavioral Health's Veterans Intervention Program
H 02315	A	Appropriations Project	\$115,000	Brain Bag Early Literacy Program
H 02317	A	Appropriations Project	\$5,000,000	Farm Share Program
H 02319	A	Appropriations Project	\$50,000	Arts to Education to Work
H 02321	A	Appropriations Project	\$672,000	Lake Worth Beach Sea Level Rise and Stormwater Mitigation Phase
H 02323	A	Appropriations Project	\$750,000	MACTown Life Skills Development Center Expansion
H 02325	A	Appropriations Project	\$350,000	Amigos Together for Kids - Strengthening Families and Communities
H 02327	A	Appropriations Project	\$350,000	Informed Families of Florida - Dade and Collier Counties - Healthy Communities
H 02329	A	Appropriations Project	\$1,440,600	Port St. Lucie St. Lucie River/C-23 Water Quality Restoration Project Area 4
H 02331	A	Appropriations Project	\$500,000	Starting Point Behavioral Healthcare's Project HOPE - Helping Others Promote Empathy
H 02333	A	Appropriations Project	\$1,123,634	LifeStream Behavioral Health Center - Indigent Baker Act Bed Funding
H 02335	A	Appropriations Project	\$250,746	IMPOWER/Grove Sewer Connection
H 02337	A	Appropriations Project	\$488,074	Embrace Families Solutions' Pathways to Home Supportive Housing for Child Welfare Involved Families
H 02339	A	Appropriations Project	\$2,100,000	Law Enforcement Crime Scene Investigation Training Initiative (LECSITI) at the CSI Academy of Florida

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 02341	A	Appropriations Project	\$855,000	Changing The Narratives' Ending Youth Homelessness Initiative
H 02343	A	Appropriations Project	\$950,000	Zebra Coalition's Youth Housing Project
H 02345	A	Appropriations Project	\$375,000	Delores Barr Weaver Policy Center - Girl Matters: Continuity of Care Program
H 02347	A	Appropriations Project	\$441,340	Curley's House of Style Inc./Hope Relief Food Bank - Elderly Meals and Social Programs
H 02349	A	Appropriations Project	\$4,200,000	Ocean City - Wright Fire Control District Education/Training Facility and Station
H 02351	A	Appropriations Project	\$250,000	Dedicated STEM Classroom for Marine Science
H 02353	A	Appropriations Project	\$455,000	Camp Matecumbe - Historic Pedro Pan Hall Renovation
H 02355	A	Appropriations Project	\$750,000	Place of Hope's Child Welfare, Foster Care and Human Trafficking Prevention and Education Initiatives
H 02357	A	Appropriations Project	\$500,000	Easter Seals South Florida - Specialized Adult Day Care Capital Improvement Project
H 02359	A	Appropriations Project	\$3,000,000	Security Funding in Jewish Day Schools
H 02361	A	Appropriations Project	\$3,000,000	Florida Keys Aqueduct Authority Stock Island Reverse Osmosis Plant
H 02363	A	Appropriations Project	\$1,000,000	Venice New Water Booster Station and System Improvements Including Emergency Interconnect
H 02365	A	Appropriations Project	\$348,300	The Family Initiative's Family Impact Program
H 02367	A	Appropriations Project	\$500,000	Seminole County Discounted Bear-Resistant Refuse Containers
H 02369	A	Appropriations Project	\$2,500,000	Lake Worth Beach Florida Ocean Current Energy Initiative
H 02371	A	Appropriations Project	\$220,000	Wellington Wetlands Reuse Project
H 02373	A	Appropriations Project	\$41,000	American Legion Post 270 Walk-in Cooler/Freezer
H 02375	A	Appropriations Project	\$587,706	Devereux Advanced Behavioral Health's Services for Sexually Exploited Youth
H 02377	A	Appropriations Project	\$950,000	Bronson Fire Station Replacement Project
H 02379	A	Appropriations Project	\$477,500	Florida State Minority Supplier Development Council
H 02381	A	Appropriations Project	\$1,675,000	Volusia County Ariel Canal Water Quality Improvements
H 02383	A	Appropriations Project	\$726,856	Port Orange Howes Street Drainage Improvements
H 02385	A	Appropriations Project	\$2,000,000	Transportation Disadvantaged Discounted Bus Passes - Palm Beach
H 02387	A	Appropriations Project	\$500,000	Bay Harbor Islands Government Center/Police Department ADA Retrofit and Renovation
H 02389	A	Appropriations Project	\$1,000,000	Golden Beach Regional EOC Construction
H 02391	A	Appropriations Project	\$800,000	Golden Beach Center Island Phase 2 Storm Pump Station

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 02393	A	Appropriations Project	\$257,000	Holocaust Documentation & Education Center
H 02395	A	Appropriations Project	\$299,500	Community Rehabilitation Center's Project Alive
H 02397	A	Appropriations Project	\$500,000	Brevard Reentry Portal
H 02399	A	Appropriations Project	\$750,000	Cape Canaveral Wastewater Treatment Plant Improvements
H 02401	A	Appropriations Project	\$700,000	Lake Park Lake Shore Drive Drainage Improvements
H 02403	A	Appropriations Project	\$250,000	Palm Beach County-Singer Island Submerged Lands Acquisition
H 02405	A	Appropriations Project	\$1,000,000	Palm Beach County-Lake Worth Lagoon Continuing Authorities Program Section 1135 Project
H 02407	A	Appropriations Project	\$229,500	Palm Beach County-Lake Worth Lagoon Monitoring Program
H 02409	A	Appropriations Project	\$500,000	Riviera Beach Lake Worth Lagoon Land Acquisition and Preservation Project
H 02411	A	Appropriations Project	\$333,660	Hypoluxo Septic to Sewer Conversion
H 02413	A	Appropriations Project	\$371,780	Lake Worth Beach South Palm Park Water Quality Improvements
H 02415	A	Appropriations Project	\$278,850	Lake Worth Beach Wellesley Drive & 18th Avenue North Lagoon Enhancement
H 02417	A	Appropriations Project	\$574,875	The Salvation Army of Sarasota's Community Addiction Recovery Program
H 02419	A	Appropriations Project	\$970,000	Fruitland Park Urick Street Force Main Extension
H 02421	A	Appropriations Project	\$1,000,000	St. Pete Beach Sanitary Sewer Capacity Improvement
H 02423	A	Appropriations Project	\$2,500,000	St. Pete Beach Road Reconstruction
H 02425	A	Appropriations Project	\$1,309,000	Treasure Island Curb and Roadway Improvements
H 02427	A	Appropriations Project	\$1,250,000	Oviedo Regional Stormwater Pond Final Phase
H 02429	A	Appropriations Project	\$60,000	Expansion of READ USA Book Fairs
H 02431	A	Appropriations Project	\$850,000	Leaders Ignited For Transformation (LIFT) Initiative
H 02433	A	Appropriations Project	\$1,500,000	Leon County Lake Henrietta Renovation
H 02435	A	Appropriations Project	\$2,500,000	Leon County Harbinwood Estates Septic-to-Sewer Project
H 02437	A	Appropriations Project	\$850,000	Suwannee County Fire Station
H 02439	A	Appropriations Project	\$350,000	Arc Broward Skills Training - Adults with Disabilities
H 02441	A	Appropriations Project	\$250,000	Fishing with America's Finest (Veteran Piscatorial Therapy)
H 02443	A	Appropriations Project	\$500,000	St. Thomas University Trade and Logistics Program
H 02445	A	Appropriations Project	\$500,000	Alton Road (SR 907) Shared-Use Path

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 02447	A	Appropriations Project	\$78,518	The TACOLCY Teen Council and College Prep
H 02449	A	Appropriations Project	\$500,000	University of Miami Medical Training and Simulation Laboratory
H 02451	A	Appropriations Project	\$1,500,000	Boca Raton 20-inch Critical Wastewater Force Main Resiliency Project Replacement/Redundancy
H 02453	A	Appropriations Project	\$563,278	Port Orange Recreational, Educational and Cultural Center - Phase II
H 02455	A	Appropriations Project	\$6,000,000	Flagler Street Economic Revitalization Project
H 02457	A	Appropriations Project	\$500,000	Pridelines INTERSECTIONS - Mobile Community Center
H 02459	A	Appropriations Project	\$500,000	Miami Beach - 63rd Street Complete Streets Project
H 02461	A	Appropriations Project	\$206,250	North Bay Village - Sidewalk/ADA Upgrades
H 02463	A	Appropriations Project	\$500,000	Blind Babies Program
H 02465	A	Appropriations Project	\$783,927	Older Blind Services Program
H 02467	A	Appropriations Project	\$2,000,000	Lakeland's Seven Wetlands Educational Center
H 02469	A	Appropriations Project	\$2,000,000	Embry-Riddle Aeronautical University - Center for Aerospace Resilience
H 02471	A	Appropriations Project	\$483,620	Chattahoochee RV Parks Renovations
H 02473	A	Appropriations Project	\$500,000	Chattahoochee City Hall/Emergency Management Building
H 02475	A	Appropriations Project	\$2,052,000	Disproportionate Share Hospital Funding - Baptist Pensacola Hospital
H 02477	A	Appropriations Project	\$300,000	North Miami Foundation for Senior Citizens, Inc. - Home Delivered Meals
H 02479	A	Appropriations Project	\$1,500,000	City of Miami Resilience Hubs For Disaster Preparedness/Recovery
H 02481	A	Appropriations Project	\$300,000	Jacksonville School for Autism STEP - Supportive Transition Employment Program
H 02483	A	Appropriations Project	\$1,500,000	Tampa Bay Area Regional Transit Authority Operations
H 02485	A	Appropriations Project	\$714,028	Education 2 Employment / Preparing People with Disabilities For In-Demand Jobs
H 02487	A	Appropriations Project	\$100,000	Tallahassee Community College - Leon Works Expo and Junior Apprenticeship Program
H 02489	A	Appropriations Project	\$1,325,000	Brevard Zoo Aquarium
H 02491	A	Appropriations Project	\$300,000	Southern Youth Sports Association - Community Center Building
H 02493	A	Appropriations Project	\$488,000	The Clara White Mission's Daily Feeding Program for the Homeless and Seniors
H 02495	A	Appropriations Project	\$75,000	Boynton Beach Town Square Enhanced ADA Pedestrian Crossing
H 02497	A	Appropriations Project	\$350,000	Florida International University - Washington Center University Scholarships
H 02499	A	Appropriations Project	\$200,000	Alzheimer's Project, Inc.

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 02501	A	Appropriations Project	\$850,000	Sanderson Community Fire Station
H 02503	A	Appropriations Project	\$2,000,000	Zephyrhills Municipal Airport Improvements
H 02505	A	Appropriations Project	\$2,927,830	State College of Florida, Manatee-Sarasota -- Science and Technology Building Venice Campus
H 02507	A	Appropriations Project/CS	\$1,425,000	Sarasota County Schools Summer Learning Academy
H 02509	A	Appropriations Project	\$3,000,000	Sarasota County Bee Ridge Water Reclamation Facility Recharge Wells
H 02511	A	Appropriations Project	\$647,574	Loveland Center Life Skills Development Program for Children and Adults with Disabilities
H 02513	A	Appropriations Project	\$125,000	Deltona Business Center
H 02515	A	Appropriations Project	\$400,000	Homelessness Collaborative of Broward County - Rapid Rehousing
H 02517	A	Appropriations Project	\$354,855	Homeland Heritage Park
H 02519	A	Appropriations Project	\$195,000	Goldsboro West Side Community Historical Association
H 02521	A	Appropriations Project	\$463,643	Ann Storck Center - Early Intervention Preschool
H 02523	A	Appropriations Project	\$430,800	North Bay Village Treasure Island Pump Station
H 02525	A	Appropriations Project	\$1,000,000	Leesburg Turnpike Wastewater Treatment Plant Water Quality Improvements
H 02527	A	Appropriations Project	\$75,000	STEM/STEAM Television Programming
H 02529	A	Appropriations Project	\$168,135	Friends of the Children School Success Project
H 02531	A	Appropriations Project	\$600,000	Miami-Dade County Model Lands North Canal Everglades Wetlands Restoration Project
H 02533	A	Appropriations Project	\$700,000	Miami-Dade County S-20 Collector Canal Everglades Wetlands Restoration Project
H 02535	A	Appropriations Project	\$333,499	Holocaust Memorial Miami Beach
H 02537	A	Appropriations Project	\$700,000	Miami Beach 75th Street Booster Station
H 02539	A	Appropriations Project	\$700,000	Miami Beach Water Main Aerial Crossing MacArthur Causeway
H 02541	A	Appropriations Project	\$250,000	Community Coalition Inc. - Home Delivered Meals Hot (LSP)
H 02543	A	Appropriations Project	\$200,000	Lotus House Education and Employment Program for High Special Needs Homeless Women and Youth
H 02545	A	Appropriations Project	\$500,000	Village of Pinecrest-Pinecrest Gardens ADA Upper Garden Initiative
H 02547	A	Appropriations Project	\$500,000	WaterReuse Florida Recycled Water for Potable Purposes Education Campaign
H 02549	A	Appropriations Project	\$575,000	North Bay Village Islandwalk Economic Development Project
H 02551	A	Appropriations Project	\$500,000	Escambia County - Pensacola and Perdido Bays Estuary Program - Water Quality Monitoring and Pilot Improvement Projects

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 02553	A	Appropriations Project	\$900,000	Webster Northside Sewer Replacement Phase II
H 02555	A	Appropriations Project	\$800,000	Sunny Isles Beach Golden Shores Pump Station
H 02557	A	Appropriations Project	\$2,500,000	The Bluffs Entrance/Transportation Upgrades
H 02559	A	Appropriations Project	\$1,151,329	Tampa Museum of Art - Art on the House - Education and Community Outreach
H 02561	A	Appropriations Project	\$250,000	Orange County Public Schools (OCPS) Calculus Project and Starbase Mentoring and Science, Technology, Engineering and Mathematics (STEM)
H 02563	A	Appropriations Project	\$25,486,765	Yaeger Plaza Development Project
H 02565	A	Appropriations Project	\$1,000,000	Security Funding for K-12 Scholarship Program Schools
H 02567	A	Appropriations Project	\$312,000	Healthy Plate/Healthy Living
H 02569	A	Appropriations Project	\$750,000	Fort Lauderdale Dorsey-Riverbend Stormwater Improvements
H 02571	A	Appropriations Project	\$1,063,521	Wilton Drive Streetscape Improvements
H 02573	A	Appropriations Project	\$250,000	Loggerhead Marinelifelife Center Improving Water Quality & Coastline Cleanliness
H 02575	A	Appropriations Project	\$400,000	Indian Trail Improvement District M-0 Outfall Canal Gate
H 02577	A	Appropriations Project	\$300,000	Ladies Learning to Lead (L3) - Girls At-Risk Leadership Program
H 02579	A	Appropriations Project	\$800,000	Boys & Girls Clubs of Northeast Florida Camp Deep Pond
H 02581	A	Appropriations Project	\$200,000	Men of Impact Development Center Project
H 02583	A	Appropriations Project	\$1,183,559	Ponce Inlet Ponce De Leon Circle Septic to Sewer
H 02585	A	Appropriations Project	\$823,651	Facilitating Access to Services for Ex-offenders (FACTS for Ex-offenders)
H 02587	A	Appropriations Project	\$250,000	CROS Ministries - Gleaning Fruits and Vegetables
H 02589	A	Appropriations Project	\$868,178	Plantation Breezeswept Parks Water Main Replacement Phase C
H 02591	A	Appropriations Project	\$475,000	Pasco County Mitchell Ranch Road Drainage Improvement SW 848
H 02593	A	Appropriations Project	\$300,000	Northwest Florida Holocaust Education & Teacher Training
H 02595	A	Appropriations Project	\$1,000,000	Leon County Centerville Trace Septic-to-Sewer Project
H 02597	A	Appropriations Project	\$1,000,000	Leon County Fred George Wetland Restoration
H 02599	A	Appropriations Project	\$1,000,000	Leon County Fords Arm-Lexington Tributary Restoration
H 02601	A	Appropriations Project	\$600,000	HART - Radio Communications Upgrades
H 02603	A	Appropriations Project	\$865,280	The Victory for Youth Share Your Heart Program
H 02605	A	Appropriations Project	\$2,805,610	Fort White Water Supply Project

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 02607	A	Appropriations Project	\$2,000,000	Dunedin EOC/Fire Training Facility
H 02609	A	Appropriations Project	\$734,492	Directions for Living's BabyCAT Program
H 02611	A	Appropriations Project	\$1,500,000	Madeira Beach - Beach Groin Replacement
H 02613	A	Appropriations Project	\$500,000	Broward Behavioral Health Coalition's Zero Suicide Initiative
H 02615	A	Appropriations Project	\$470,000	West Palm Beach Washington Road Utility Improvements
H 02617	A	Appropriations Project	\$1,500,000	The Lord's Place, Inc. - Reentry, Job Training and Employment Services Center
H 02619	A	Appropriations Project	\$2,000,000	Homosassa River Restoration
H 02621	A	Appropriations Project	\$250,000	Pensacola Bayou Chico Stormwater Runoff Mitigation Study
H 02623	A	Appropriations Project	\$40,000	Southern Youth Sports Association - Youth Development and Juvenile Prevention Case Manager
H 02625	A	Appropriations Project	\$6,859,297	Gulf Breeze Hospital-Hurricane Hardening Project
H 02627	A	Appropriations Project	\$600,000	Deering Estate Foundation's Field Study Research Center Phase 2
H 02629	A	Appropriations Project	\$500,000	City of Port Orange License Plate Readers
H 02631	A	Appropriations Project	\$225,000	The Here's Help Juvenile Residential Treatment Expansion Project
H 02633	A	Appropriations Project	\$735,000	Coral Gables Canal Dredging
H 02635	A	Appropriations Project	\$1,000,000	Florida Holocaust Memorial at the Capitol
H 02637	A	Appropriations Project	\$250,000	New Smyrna Beach Septic to Sewer Feasibility Study
H 02639	A	Appropriations Project	\$2,750,000	Village of Indiantown Road/Storm Water Drainage Reconstruction
H 02641	A	Appropriations Project	\$1,000,000	Sabrina Cohen Foundation - South Florida Center for Adaptive Therapy & Recreation
H 02643	A	Appropriations Project	\$277,840	Exchange Club Parent Education and Child Abuse Prevention Services for Palm Beach and Broward Counties
H 02645	A	Appropriations Project	\$1,500,000	Lauderdale-By-The-Sea Septic to Sewer
H 02647	A	Appropriations Project	\$321,224	Inspire of Central Florida's Operation G.R.O.W. (Giving Real Opportunities for Work)
H 02649	A	Appropriations Project	\$750,000	Aspire Health Partner's Mental Health Services for Veterans and Military Families
H 02651	A	Appropriations Project	\$1,549,025	Central Florida Behavioral Health Network's Pinellas County Marchman Act Project
H 02653	A	Appropriations Project	\$750,000	Personal Enrichment through Mental Health Services - Crisis Stabilization Units
H 02655	A	Appropriations Project	\$500,000	The Jewish Federation of Sarasota-Manatee - Performing Arts Center
H 02657	A	Appropriations Project	\$300,000	Leon County Health Department Backup Generator - Secondary Special Needs Shelter

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 02659	A	Appropriations Project	\$190,000	Homeless Veteran Housing Assistance in Brevard County
H 02661	A	Appropriations Project	\$250,000	Vision Health Center at Lions Eye Institute for Transplant & Research
H 02663	A	Appropriations Project	\$500,000	Children in Need Youth Shelter Replacement
H 02665	A	Appropriations Project	\$3,000,000	City of Oldsmar - Douglas Road Improvement Project Phase 2
H 02667	A	Appropriations Project	\$500,000	Pinellas County Youth Advocate Program
H 02669	A	Appropriations Project	\$750,000	The St. Johns EPIC Recovery Center's Women's Substance Abuse Residential Treatment Services
H 02671	A	Appropriations Project	\$1,825,000	St. Augustine Wastewater Treatment Plant Resiliency Armoring
H 02673	A	Appropriations Project	\$2,340,305	St. Augustine Flood Resiliency Master Plan Implementation
H 02675	A	Appropriations Project	\$450,000	St. Augustine West Augustine Septic to Sewer 2020
H 02677	A	Appropriations Project	\$350,000	Gretna Emergency Services-Lift Stations
H 02679	A	Appropriations Project	\$75,000	Havana Lift Station Upgrades
H 02681	A	Appropriations Project	\$450,000	Gretna Lift Station
H 02683	A	Appropriations Project	\$500,000	Shaping Success: Gender-Focused Behavior System
H 02685	A	Appropriations Project	\$1,500,000	Florida Assertive Community Treatment (FACT) Team Serving Putnam and St. Johns Counties
H 02687	A	Appropriations Project	\$350,000	Teen Court of Sarasota High-Risk Student Behavior Education and Counseling
H 02689	A	Appropriations Project	\$1,000,000	Seminole County Public Schools Construction Workforce Pipeline Program
H 02691	A	Appropriations Project	\$998,000	Newberry State Road 26 Water & Wastewater Infrastructure
H 02693	A	Appropriations Project	\$970,000	Florida Severe Weather Mesonet-Phase II
H 02695	A	Appropriations Project	\$3,000,000	Panama City Watson Bayou Turning Basin Bulkhead
H 02697	A	Appropriations Project	\$1,918,689	Apopka Fire Station
H 02699	A	Appropriations Project	\$750,000	City of Apopka Harmon Road Extension
H 02701	A	Appropriations Project	\$589,120	South Florida Seniors in Action
H 02703	A	Appropriations Project	\$500,000	City of Jacksonville Northeast Florida Fire Watch
H 02705	A	Appropriations Project	\$500,000	FloridaMakes
H 02707	A	Appropriations Project	\$500,000	African Museum of Arts and Culture
H 02709	A	Appropriations Project	\$880,946	The Chai Community Service's Granny to the Rescue Initiative
H 02711	A	Appropriations Project	\$215,000	JBS STEAM SUMMER S.T.E.M. CAMP

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 02713	A	Appropriations Project	\$150,000	Automated License Plate Readers - City of Jacksonville Beach
H 02715	A	Appropriations Project	\$500,000	Atlantic Beach Aquatic Gardens/Hopkins Creek Flood Mitigation Phase 2
H 02717	A	Appropriations Project	\$1,000,000	Ocala Septic Tank Abatement and Connection to Sewer
H 02719	A	Appropriations Project	\$750,000	Ocala Sewer Ex-filtration Project
H 02721	A	Appropriations Project	\$1,600,000	Pensacola State College - Trucking Workforce Development
H 02723	A	Appropriations Project	\$600,000	Florida Israel Business Accelerator - Southwest Florida Expansion
H 02725	A	Appropriations Project	\$3,980,139	Lake Technical College - New Diesel and Automotive Training Facility
H 02727	A	Appropriations Project	\$150,000	Alachua County Organization for Rural Needs Pilot Expanded Services of Low-Income Dental Clinic in North Central Florida
H 02729	A	Appropriations Project	\$500,000	Key Colony Beach City Hall Complex Repair
H 02731	A	Appropriations Project	\$460,363	Compensation to Property Owners - Monroe County
H 02733	A	Appropriations Project	\$250,000	Harry S. Truman Little White House Digitization and Protection of Archival Collection - Key West
H 02735	A	Appropriations Project	\$250,000	Female Offender Employment, Entrepreneurship and Housing Initiative
H 02737	A	Appropriations Project	\$1,000,000	University of Miami-HIV/AIDS Research at Centers for AIDS Research (CFAR)
H 02739	A	Appropriations Project	\$350,000	Florida Keys Healthy Start Coalition - Healthy and Growing from the Start: A Continuum of Care Model
H 02741	A	Appropriations Project	\$500,000	Florida Keys Area Health Education Center
H 02743	A	Appropriations Project	\$250,000	Historic Bush House Renovations
H 02745	A	Appropriations Project	\$991,000	Crestview Shady Lane Drainage and Treatment Project
H 02747	A	Appropriations Project	\$2,000,000	Florida Sand and Grit Removal Grants for Wastewater Treatment
H 02749	A	Appropriations Project	\$465,000	The Forever Family's Television Foster Parent and Adoption Recruitment Initiative
H 02751	A	Appropriations Project	\$500,000	All Star Children's Foundation Campus for Hope and Healing
H 02753	A	Appropriations Project	\$200,000	Sunny Isles Beach Security Improvements
H 02755	A	Appropriations Project	\$2,928,768	Riverside Drive Traffic Misalignment Correction Project
H 02757	A	Appropriations Project	\$1,000,000	LaunchCode Florida Tech Career & Veteran Initiative
H 02759	A	Appropriations Project	\$2,120,575	SOF Missions - The Resiliency Project
H 02761	A	Appropriations Project	\$250,000	Floridians Active Duty Assistance Program (FADA) through Support Our Troops, Inc.
H 02763	A	Appropriations Project	\$250,000	Vietnam Veterans 50th Anniversary Commemorative Book

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 02765	A	Appropriations Project	\$2,000,000	City of Safety Harbor Public Library Expansion
H 02767	A	Appropriations Project	\$750,000	Pedestrian Crossing Installation
H 02769	A	Appropriations Project	\$2,000,000	Knowledge is Power Program (KIPP) - Jacksonville
H 02771	A	Appropriations Project	\$750,000	FECR Corridor Rail Safety Improvements
H 02773	A	Appropriations Project	\$1,225,000	Charter School Safety Zone Improvements
H 02775	A	Appropriations Project	\$1,100,000	University of Florida - iCoast: Coastal Monitoring for Action
H 02777	A	Appropriations Project	\$350,000	North Miami Beach - NE 153 St/NE 21 Avenue ADA and Roadway Improvements
H 02779	A	Appropriations Project	\$850,000	Gretna Ground Storage Tank
H 02781	A	Appropriations Project	\$350,000	Leon County Orchard Pond Greenway Trail Phase II
H 02783	A	Appropriations Project	\$2,200,000	Florida Agricultural and Mechanical University - Brooksville Agricultural and Environmental Research Station
H 02785	A	Appropriations Project	\$500,000	Florida African American Heritage Preservation Network
H 02787	A	Appropriations Project	\$400,000	Tamarac ADA Compatible Caporella Park Enhancements
H 02789	A	Appropriations Project	\$950,000	One More Child Foster Care Wraparound Program
H 02791	A	Appropriations Project	\$875,000	North Port Warm Mineral Springs Water and Sewer Utilities
H 02793	A	Appropriations Project	\$4,000,000	Sarasota County Dona Bay Watershed Restoration Project
H 02795	A	Appropriations Project	\$500,000	North Miami Beach - NE 35 Avenue Roadway Improvements Project
H 02797	A	Appropriations Project	\$1,402,870	Social and Emotional Learning: Creating a Community of Care to Support the Whole Child
H 02799	A	Appropriations Project	\$4,550,000	Feeding Florida Healthy Food Initiative
H 02801	A	Appropriations Project	\$390,000	The MeMom Safe Place Foster and Family Center
H 02803	A	Appropriations Project	\$877,350	Port St. Lucie Septic to Sewer Conversion Program
H 02805	A	Appropriations Project	\$2,500,000	Lake County South Lake Regional Park Central Wastewater, Potable and Reclaimed Facilities
H 02807	A	Appropriations Project	\$500,000	Miami-Dade County Operation Blue and Brown
H 02809	A	Appropriations Project	\$817,340	Harvest Reaper International Chaplain Association Anger Management and Conflict Resolution Program in Miami Dade County
H 02811	A	Appropriations Project	\$840,000	Neptune Beach Stormwater Improvements
H 02813	A	Appropriations Project	\$750,000	Monroe County Mobile Vessel Pumpout Program
H 02815	A	Appropriations Project	\$1,920,875	Ocala Lower Floridan Aquifer Conversion Phase III

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 02817	A	Appropriations Project	\$2,013,200	Citrus County Old Homosassa Downtown East Septic to Sewer
H 02819	A	Appropriations Project	\$1,520,000	Removal of Obsolete & Dangerous School Buildings Dixie County
H 02821	A	Appropriations Project	\$250,000	Fernandina Beach Downtown Stormwater Quality Project
H 02823	A	Appropriations Project	\$800,000	City of Marianna Health Rehabilitation Center - Backup Power Project
H 02825	A	Appropriations Project	\$6,000,000	City of Marianna Public Safety Administration Complex
H 02827	A	Appropriations Project	\$464,200	Marianna Old Cottondale Road Water Main Replacement
H 02829	A	Appropriations Project	\$500,000	Fernandina Beach Dune Protection and Restoration Project
H 02831	A	Appropriations Project	\$7,500,000	Lake County Hydrilla Treatment for the Harris Chain of Lakes
H 02833	A	Appropriations Project	\$900,000	Association for Development of the Exceptional DD Emergency Shelter/Training Center
H 02835	A	Appropriations Project	\$850,000	Jack & Jill Children's Center - Economic Empowerment/Workforce Development Initiative
H 02837	A	Appropriations Project	\$3,000,000	Underline Multi-Use Trail/Mobility Corridor
H 02839	A	Appropriations Project	\$400,000	The South Florida Behavioral Health Network's Involuntary Outpatient Services Demonstration Project
H 02841	A	Appropriations Project	\$817,702	Safety, Signage, and Natural Resource Enhancement Project
H 02843	A	Appropriations Project	\$750,000	Sunrise - Convert Effluent Main to Water Reuse Distribution
H 02845	A	Appropriations Project	\$2,000,000	Safer, Smarter Schools
H 02847	A	Appropriations Project	\$1,000,000	Hendry County Wastewater Infrastructure on US27/SR80 Connecting Airglades
H 02849	A	Appropriations Project	\$893,000	Comprehensive Health Plan
H 02851	A	Appropriations Project	\$3,243,000	LaBelle Zone B Septic Tank Conversion to Central Sewer
H 02853	A	Appropriations Project	\$1,000,000	School District Education Foundation Matching Grant Program
H 02855	A	Appropriations Project	\$750,000	All Pro Dad's Fatherhood Involvement in Literacy & Family
H 02857	A	Appropriations Project	\$5,000,000	Immokalee Fire Control District Station #30
H 02859	A	Appropriations Project	\$612,000	Matific
H 02861	A	Appropriations Project	\$9,856,145	Florida SouthWestern State College - Buildings E & F, Collier Campus
H 02863	A	Appropriations Project	\$2,000,000	Miami Biscayne Baywalk
H 02865	A	Appropriations Project	\$100,000	Villa Lyan Special Needs School Transportation Van
H 02867	A	Appropriations Project	\$2,000,000	Veterans' Lake Trail

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 02869	A	Appropriations Project	\$400,000	Pre-Payment Claims Service
H 02871	A	Appropriations Project	\$1,000,000	Sunny Isles Beach Pedestrian Park Bridge at Collins & 174th Street
H 02873	A	Appropriations Project	\$550,000	Aventura 213 Street Flooding Mitigation
H 02875	A	Appropriations Project	\$426,868	Aventura Curbing of Swale Flooding on Country Club Drive
H 02877	A	Appropriations Project	\$535,500	Bal Harbour Village Stormwater System Improvements
H 02879	A	Appropriations Project	\$1,035,480	Feeding South Florida FRESH Initiatives - Economic Stability
H 02881	A	Appropriations Project	\$550,000	North Miami Beach Corona del Mar Phase II Sewer System
H 02883	A	Appropriations Project	\$550,000	North Miami Beach NE 19th Ave Business District Sanitary Sewer System
H 02885	A	Appropriations Project	\$1,000,000	Mitigation & Retrofitting - Branch Libraries and Community Centers
H 02887	A	Appropriations Project	\$2,000,000	Hillsborough County School Sidewalks and Safety Enhancements
H 02889	A	Appropriations Project	\$750,000	Agape Community Health Center, Inc. Mobile Dental Unit
H 02891	A	Appropriations Project	\$695,193	Crestview Public Safety Training Facility
H 02893	A	Appropriations Project	\$150,000	Easterseals of Brevard and Collier Counties Life Skills & Employment Readiness Programs
H 02895	A	Appropriations Project	\$250,000	The American Association of Caregiving Youth's Florida Caregiving Youth Expansion Project
H 02897	A	Appropriations Project	\$250,000	Baptist Health Research Institute Familial Screening for Brain Aneurysms: The Florida Familial Brain Aneurysm Project Family Members
H 02899	A	Appropriations Project	\$500,000	Big Brothers Big Sisters School to Work Mentoring Program
H 02901	A	Appropriations Project	\$250,000	North Lauderdale SW 13th Street Drainage Improvements
H 02903	A	Appropriations Project	\$25,000,000	Jacksonville Electric Authority (JEA) Purified Water Project Phase One
H 02905	A	Appropriations Project	\$1,500,000	Pinecrest Waterline Extension Project
H 02907	A	Appropriations Project	\$810,000	SE 4th Terrace Road Reconstruction and Swale - Dania Beach
H 02909	A	Appropriations Project	\$750,000	Operation New Uniform
H 02911	A	Appropriations Project	\$150,000	Project Cold Case
H 02913	A	Appropriations Project	\$3,200,000	Miami-Dade County Seaweed Removal
H 02915	A	Appropriations Project	\$1,250,000	Keep Florida Agriculture Growing Strong
H 02917	A	Appropriations Project	\$1,347,500	Dixie County Fire Station
H 02919	A	Appropriations Project	\$975,000	Northeast Florida 21st Century Workforce Development Project

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 02921	A	Appropriations Project	\$150,000	Here's Help, Inc., Plumbing Certification School for Troubled Youth
H 02923	A	Appropriations Project	\$1,000,000	Milton North Santa Rosa Regional Water Reclamation Facility
H 02925	A	Appropriations Project	\$1,400,000	Holley-Navarre Water System Eglin Regional Reuse Project
H 02927	A	Appropriations Project	\$400,000	Holley-Navarre Water System Emergency Well Generators
H 02929	A	Appropriations Project	\$300,000	Town of Jay - Roadway Improvements
H 02931	A	Appropriations Project	\$300,000	Town of Jay - Bray Hendricks Park Master Plan
H 02933	A	Appropriations Project	\$4,500,000	Panama City Watson Bayou Dredging- Entrance Channel and Turning Basin
H 02935	A	Appropriations Project	\$240,000	Laurel Hill 8th Street Roadway and Drainage Improvements
H 02937	A	Appropriations Project	\$1,500,000	Pea Ridge Connector
H 02939	A	Appropriations Project	\$500,000	Santa Rosa County East Bay Boulevard Culvert Upgrades
H 02941	A	Appropriations Project	\$125,000	West Lakes Economic Vitality and Opportunity District
H 02943	A	Appropriations Project	\$431,000	Taylor County Courthouse Improvements
H 02945	A	Appropriations Project	\$350,000	Taylor County School District Safe and Secure Schools Electronic Key Card System
H 02947	A	Appropriations Project	\$300,000	Altha Water System Improvements
H 02949	A	Appropriations Project	\$50,000	Taylor County Southside Park Renovation
H 02951	A	Appropriations Project	\$200,000	Taylor County Sports Complex Phase 6
H 02953	A	Appropriations Project	\$3,251,283	North Florida College - Remodel/Renovate Classroom Building 7 and 8
H 02955	A	Appropriations Project	\$150,000	Town of Altha City Hall Improvements
H 02957	A	Appropriations Project	\$250,000	Fort Coombs Armory Fire Sprinkler System
H 02959	A	Appropriations Project	\$380,000	Liberty County Courthouse Improvements
H 02961	A	Appropriations Project	\$200,000	Liberty County Landfill Improvements
H 02963	A	Appropriations Project	\$2,300,000	Blountstown Police Department
H 02965	A	Appropriations Project	\$325,000	Charlie Johns Street Signal
H 02967	A	Appropriations Project	\$100,000	St. Marks Water System Improvements
H 02969	A	Appropriations Project	\$975,000	Sopchoppy Elevated Water Tank
H 02971	A	Appropriations Project	\$750,000	The Apalachee Center's Children's Community Action Treatment Team Serving Franklin and Liberty Counties
H 02973	A	Appropriations Project	\$750,000	The Apalachee Center's Children's Community Action Treatment Team Serving Leon, Gadsden, and Wakulla Counties

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 02975	A	Appropriations Project	\$200,000	Town of Altha Waste Management Upgrades
H 02977	A	Appropriations Project	\$1,500,000	Emergency Operations Center - Franklin County
H 02979	A	Appropriations Project	\$700,000	Liberty County Generators
H 02981	A	Appropriations Project	\$4,744,500	Blountstown Groundwater Recharge Constructed Wetlands
H 02983	A	Appropriations Project	\$250,000	Sopchoppy Waterline Replacement
H 02985	A	Appropriations Project	\$780,570	Bristol Volunteer Fire Station Renovation
H 02987	A	Appropriations Project	\$24,200,000	Calhoun County School Board Classroom Construction-Hurricane Michael Recovery
H 02989	A	Appropriations Project	\$400,000	Liberty County Hosford Water System Improvements
H 02991	A	Appropriations Project	\$600,000	Mayo Wastewater Improvements
H 02993	A	Appropriations Project	\$528,000	Apalachicola Wastewater Treatment Plant Repairs Project
H 02995	A	Appropriations Project	\$492,000	Apalachicola Lift Station Improvement and Repair Project
H 02997	A	Appropriations Project	\$910,000	Lake-Sumter State College - Critical Facilities Issues - South Lake Campus
H 02999	A	Appropriations Project	\$370,000	Apalachicola Inflow and Infiltration Study
H 03001	A	Appropriations Project	\$236,500	Bristol Wastewater Treatment Plant Improvements
H 03003	A	Appropriations Project	\$2,415,000	Bristol Wastewater System Improvements
H 03005	A	Appropriations Project	\$1,000,000	Port St. Joe First Street Sewer Lift Station
H 03007	A	Appropriations Project	\$890,000	St. Marks Riverwalk
H 03009	A	Appropriations Project	\$150,000	Monticello Water Losses-Water Conservation
H 03011	A	Appropriations Project	\$500,000	Wakulla County Back-up Generators for Public Facilities
H 03013	A	Appropriations Project	\$2,000,000	Wakulla County First Responder System
H 03015	A	Appropriations Project	\$275,000	Jefferson County School District Auditorium
H 03017	A	Appropriations Project	\$110,000	Liberty County Sheriff's Office Mobile Emergency Operations Upgrades
H 03019	A	Appropriations Project	\$500,000	Liberty County Jail Improvements
H 03021	A	Appropriations Project	\$275,000	Liberty County Sheriff's Office Facility Improvements
H 03023	A	Appropriations Project	\$17,000	Hillsborough County Public Schools: Latinos in Action
H 03025	A	Appropriations Project	\$751,353	Orange City Blue Spring Nutrient Reduction Septic to Sewer Conversion
H 03027	A	Appropriations Project	\$150,000	North Miami Beach Challenger Park All Wars Veterans Memorial Wall Restoration

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 03029	A	Appropriations Project	\$500,000	Association for Development of the Exceptional Culinary Program, Senior Program, and Services to Adults with Autism and Developmental Disabilities
H 03031	A	Appropriations Project	\$1,500,000	Miami Drainage and Stormwater Improvements
H 03033	A	Appropriations Project	\$612,271	K9s For Warriors
H 03035	A	Appropriations Project	\$541,000	Coral Gables Comprehensive Inflow and Infiltration Program
H 03037	A	Appropriations Project	\$150,000	Miami River Commission
H 03039	A	Appropriations Project	\$1,000,000	Ounce of Prevention Fund of Florida - Florida Children's Initiative Health and Wellness
H 03041	A	Appropriations Project	\$540,820	Ms. Senior Florida Pageant
H 03043	A	Appropriations Project	\$12,000,000	Calhoun-Liberty Hospital Association, Inc. - Facility Replacement
H 03045	A	Appropriations Project	\$350,000	Madison County Memorial Hospital Surgical Suite Equipment
H 03047	A	Appropriations Project	\$250,000	Taylor County School District Old Primary School Demolition
H 03049	A	Appropriations Project	\$350,000	Franklin County Sheriff's Office Wellness Center Operational Funding
H 03051	A	Appropriations Project	\$9,800,000	Ft. Island Trail/Multi-Use Path - Phase 1
H 03053	A	Appropriations Project	\$550,000	Seminole County Sheriff's Office Mobile Incident Command Vehicle
H 03055	A	Appropriations Project	\$1,200,000	Get Ready Florida Public Safety Broadcast
H 03057	A	Appropriations Project	\$5,000,000	Florida Alliance of Boys & Girls Clubs - Positive Youth Development Program
H 03059	A	Appropriations Project	\$260,000	Seminole County Juvenile Drug Court
H 03061	A	Appropriations Project	\$1,000,000	Seminole County Computer Aided Dispatch System
H 03063	A	Appropriations Project	\$1,500,000	Seminole County Lake Monroe Trail Loop
H 03065	A	Appropriations Project	\$400,000	Seminole County Sheriff's Office Opioid ARC Partnership
H 03067	A	Appropriations Project	\$600,000	The Family Cafe
H 03069	A	Appropriations Project	\$850,071	Dementia Alzheimer's Community Based Long Term Care Services - CSG Home Healthcare Services
H 03071	A	Appropriations Project	\$5,000,000	Apopka Border Lake Floodwater to Wekiwa Springs Recharge Project
H 03073	A	Appropriations Project	\$350,000	Lucanus Developmental Center Website for Caregivers of Adult Down Syndrome Alzheimer's Patients
H 03075	A	Appropriations Project	\$1,284,470	Seminole State College of Florida - Building G Roof Replacement and Envelope Renovation

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 03077	A	Appropriations Project	\$207,000	Tampa Museum of Art - Community Connections - Art Education for Alzheimer's and Mental Health
H 03079	A	Appropriations Project	\$2,000,000	Polk State Operational Support
H 03081	A	Appropriations Project	\$2,234,800	Polk State Ren Enhanced Security College Wide
H 03083	A	Appropriations Project	\$500,000	Miami Beach Community Health Center Capital Improvements
H 03085	A	Appropriations Project	\$300,000	Boca Raton Habilitation Center - Adults with Disabilities (AWD)
H 03087	A	Appropriations Project	\$90,000	LaBelle Lift Station Generator Project
H 03089	A	Appropriations Project	\$189,400	LaBelle City Wharf Improvements - Phase IV
H 03091	A	Appropriations Project	\$2,000,000	Retention Bonus Plan for DJJ Contracted Direct-Care Staff
H 03093	A	Appropriations Project	\$1,298,931	LaBelle Water Line Transmission Loop
H 03095	A	Appropriations Project	\$850,000	Chrysalis Health Military Member and Family Support Services (MMFSS)
H 03097	A	Appropriations Project	\$150,000	Partnership for Child Health Pediatric Integrated Behavioral Health Services
H 03099	A	Appropriations Project	\$374,000	Five Star Veterans Center Homeless Housing and Re-integration Project
H 03101	A	Appropriations Project	\$2,000,000	Gulf County Hurricane Ditch Debris and Stormwater Pond Debris Removal
H 03103	A	Appropriations Project	\$12,000,000	Wakulla County Multi-Purpose Library/Shelter Facility
H 03105	A	Appropriations Project	\$450,000	Southwest Ranches Water Quality and Drainage Project SW 160th Avenue
H 03107	A	Appropriations Project	\$800,000	Southwest Ranches Public Safety Land Purchase
H 03109	A	Appropriations Project	\$750,000	Okaloosa County Overbrook Area Flooding
H 03111	A	Appropriations Project	\$1,457,000	Monroe County Seagrass Restoration Project
H 03113	A	Appropriations Project	\$500,000	Tampa Anita Subdivision Drainage Improvements Phase II
H 03115	A	Appropriations Project	\$1,500,000	Florida Aquarium Coral Research Laboratory and Visitors Center
H 03117	A	Appropriations Project	\$1,999,214	Gulf Breeze Fairpoint to Shoreline Multi-Use Pathway w/ Wetlands Boardwalk
H 03119	A	Appropriations Project	\$1,738,390	Tarpon Springs Sponge Docks Flooding Abatement
H 03121	A	Appropriations Project	\$812,100	Tarpon Springs Anclote River Extended Turning Basin Dredge
H 03123	A	Appropriations Project	\$363,480	The ALPHA House of Pinellas County: Protecting Mothers and Babies from Human Trafficking
H 03125	A	Appropriations Project	\$500,000	Royal Palm Beach Commons Park All-Access Playground
H 03127	A	Appropriations Project	\$384,000	Chabad of Kendall Fortification/Friendship Circle
H 03129	A	Appropriations Project	\$11,026,000	Palm Springs Septic to Sewer Infrastructure Project

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 03131	A	Appropriations Project	\$3,000,000	Washington Street Roadway Improvements
H 03133	A	Appropriations Project	\$3,654,000	DeBary Stormwater Infrastructure Improvements
H 03135	A	Appropriations Project	\$135,000	Trilogy Integrated Resources - Network of Care for Veteran and Military Service Members
H 03137	A	Appropriations Project	\$4,000,000	Mount Sinai Road Improvements
H 03139	A	Appropriations Project	\$13,436,065	North Florida College - Manufacturing Center
H 03141	A	Appropriations Project	\$350,000	Economic Development Impact Study - Calhoun County
H 03143	A	Appropriations Project	\$368,293	Search and Rescue Building Construction - Calhoun County
H 03145	A	Appropriations Project	\$2,400,000	State Road 20 Infrastructure Extension
H 03147	A	Appropriations Project	\$591,313	Hurricane Michael Debris Operations - Calhoun County
H 03149	A	Appropriations Project	\$112,250	Carrabelle Lighthouse Estates Water Phase I and II Planning and Design
H 03151	A	Appropriations Project	\$150,000	Zolfo Springs Sewer Biosolids Improvements
H 03153	A	Appropriations Project	\$630,000	Hardee County Agricultural Educational Training Conference Center
H 03155	A	Appropriations Project	\$920,318	Moore Haven Caloosahatchee River Area Drainage Improvements
H 03157	A	Appropriations Project	\$850,000	Casa Familia Village Phase II
H 03159	A	Appropriations Project	\$1,000,000	Normandy Boulevard at Providence Intersection Improvements
H 03161	A	Appropriations Project	\$550,100	New Horizons After School and Weekend Rehabilitation Program
H 03163	A	Appropriations Project	\$9,500,000	State College of Florida, Manatee-Sarasota -- Parrish Center Phase 1
H 03165	A	Appropriations Project	\$150,000	Homestead Automatic Flushing System
H 03167	A	Appropriations Project	\$1,000,000	Sweetwater Northern Drainage Improvements Project
H 03169	A	Appropriations Project	\$2,500,000	Voices for Florida - Open Doors Outreach Network
H 03171	A	Appropriations Project	\$2,795,593	Broward Forensic Alternative Center for Acute Care Services
H 03173	A	Appropriations Project	\$350,000	Southwest Ranches Safety Guardrail - Appaloosa Trail
H 03175	A	Appropriations Project	\$288,000	City of Pembroke Pines Senior Transportation Program
H 03177	A	Appropriations Project	\$450,000	Southwest Ranches Basin S9/S10 Drainage Improvement Project
H 03179	A	Appropriations Project	\$1,200,000	Statewide Regional Evacuation Study Update
H 03181	A	Appropriations Project	\$850,000	Pasco County Quail Hollow Blvd South (SW-530)
H 03183	A	Appropriations Project	\$187,170	Greater Haitian Chamber of Commerce - Operations

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 03185	A	Appropriations Project	\$49,900	Greater Haitian Chamber of Commerce Professional & Entrepreneurship Program
H 03187	A	Appropriations Project	\$175,000	Coconut Creek Hillsboro Water Storage Tank Rehabilitation
H 03189	A	Appropriations Project	\$120,000	City of Coral Springs Mobile Integrated Health Care Program
H 03191	A	Appropriations Project	\$100,000	Coral Springs Parks & Recreation Security Initiatives
H 03193	A	Appropriations Project	\$100,000	City of North Miami Police Athletic League
H 03195	A	Appropriations Project	\$2,000,000	The Florida Agriculture Center and Horse Park
H 03197	A	Appropriations Project	\$750,000	North Port Public Safety Training Track
H 03199	A	Appropriations Project	\$150,000	State Employees Health Plan Value Based Diabetes Pilot
H 03201	A	Appropriations Project	\$915,000	Village of Biscayne Park - Street and Infrastructure Improvements
H 03203	A	Appropriations Project	\$2,000,000	In-State Tourism Marketing Campaign
H 03205	A	Appropriations Project	\$250,000	Doral Stormwater Improvements NW 89 Pl (25-20 St.)
H 03207	A	Appropriations Project	\$300,000	Cinco Bayou Glenwood Park Stormwater Improvements
H 03209	A	Appropriations Project	\$273,340	License Plate Reader Project - City of Margate
H 03211	A	Appropriations Project	\$616,508	Margate Water Treatment Plant Improvements
H 03213	A	Appropriations Project	\$2,000,000	Tampa Bay Innovation Center Incubator
H 03215	A	Appropriations Project	\$280,000	UF/IFAS - Apiculture Diagnostics Pilot Program
H 03217	A	Appropriations Project	\$1,500,000	Arcadia Rodeo Multi-Functional Facility Request
H 03219	A	Appropriations Project	\$100,250	VolunteerCleanup.org State-wide Expansion
H 03221	A	Appropriations Project	\$150,000	The Victory Center, Inc.
H 03223	A	Appropriations Project	\$1,270,000	Palm Springs Davis Road North Basin Drainage Improvements
H 03225	A	Appropriations Project	\$900,000	Home Builders Institute, Inc. (HBI) - Building Careers for Inmates & Returning Citizens
H 03227	A	Appropriations Project	\$1,000,000	Deltona Eastern Water Reclamation Facility Expansion
H 03229	A	Appropriations Project	\$1,300,000	Oak Hill Septic to Sewer Retrofit Area 2A
H 03231	A	Appropriations Project	\$18,668,823	The Florida College System Risk Management Consortium
H 03233	A	Appropriations Project	\$895,000	Daytona State College - Critical Nursing and Health Sciences in Flagler County
H 03235	A	Appropriations Project	\$750,000	Flagler College - Hotel Ponce de Leon Preservation and Restoration
H 03237	A	Appropriations Project	\$90,000	Largo Keene Park Sanitary Sewer Improvements

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 03239	A	Appropriations Project	\$2,535,000	Mount Sinai Medical Center Critical Power Resiliency
H 03241	A	Appropriations Project	\$1,495,000	South Florida State College Clinical Immersion Center for Health Sciences Education
H 03243	A	Appropriations Project	\$2,500,000	Okeechobee Utility Authority Southwest Wastewater Service Area
H 03245	A	Appropriations Project	\$3,500,000	Okeechobee Utility Authority Treasure Island Septic to Sewer
H 03247	A	Appropriations Project	\$750,000	Okeechobee County Spot in the Sun Estates Stormwater Improvements
H 03249	A	Appropriations Project	\$313,296	Learning through Listening - Florida
H 03251	A	Appropriations Project	\$648,560	Margate Front Line Rescue and Aerial Truck
H 03253	A	Appropriations Project	\$897,500	Cross College Alliance - Ringling College of Art and Design
H 03255	A	Appropriations Project	\$280,830	Financial Stability Through Employment
H 03257	A	Appropriations Project	\$3,000,000	SW 44th Avenue Extension Project - Ocala
H 03259	A	Appropriations Project	\$100,000	VFW Educational Youth Scholarship & Teacher's Recognition
H 03261	A	Appropriations Project	\$250,000	Special Olympics Florida Unified Champions Schools
H 03263	A	Appropriations Project	\$500,000	2022 Special Olympics USA Games
H 03265	A	Appropriations Project	\$1,255,000	BEST Academy: Preparing A Youth Healthcare Workforce
H 03267	A	Appropriations Project	\$398,428	FFCDC Apprenticeship Training Academy & Employment Program
H 03269	A	Appropriations Project	\$150,000	Laurel Wilt Mitigation Program
H 03271	A	Appropriations Project	\$700,000	International Institute of Orthotics and Prosthetics Sustainable Expansion
H 03273	A	Appropriations Project	\$122,450	Belleair Reverse Osmosis Pilot Testing
H 03275	A	Appropriations Project	\$300,000	Pinellas County Schools - Career Acceleration Program
H 03277	A	Appropriations Project	\$3,000,000	Hillsborough Community College - Workforce Education Center
H 03279	A	Appropriations Project	\$45,000	LaBelle City Hall Generator Project
H 03281	A	Appropriations Project	\$1,000,000	Public Safety Facility Hardening - Hendry County
H 03283	A	Appropriations Project	\$65,000	LaBelle Civic Center Shelter Generator Project
H 03285	A	Appropriations Project	\$3,275,000	Broward College - Security and Mental Health Initiative
H 03287	A	Appropriations Project	\$500,000	Nancy J. Cotterman Crisis Intervention Programs
H 03289	A	Appropriations Project	\$136,387	Community Court Program - City of Fort Lauderdale
H 03291	A	Appropriations Project	\$2,000,000	Holley-Navarre Fire District

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 03293	A	Appropriations Project	\$250,000	Jacksonville Symphony - Ensembles to Schools, A Youth Music Education Program
H 03295	A	Appropriations Project	\$791,266	Nutrition Education for Community Health and Wellness
H 03297	A	Appropriations Project	\$2,000,000	Firefighter Cancer Initiative
H 03299	A	Appropriations Project	\$495,000	Hollywood North Central Water Main Replacement
H 03301	A	Appropriations Project	\$375,000	Cooper City Lift Station 48 Rehabilitation and Force Main Replacement
H 03303	A	Appropriations Project	\$4,000,000	Pembroke Pines Utility Water Main Project
H 03305	A	Appropriations Project	\$1,000,000	Hillsborough Community College FUSE Program
H 03307	A	Appropriations Project	\$1,000,000	ZooTampa Panther Medical and Habitat Facilities
H 03309	A	Appropriations Project	\$225,000	Central Florida Zoo and Botanical Gardens Fire Suppression
H 03311	A	Appropriations Project	\$1,000,000	Sanford State Road 46 Water Main Replacement
H 03313	A	Appropriations Project	\$750,000	Sanford-Orlando Sanford International Airport Stormwater Management System
H 03315	A	Appropriations Project	\$199,714	Brevard Adults with Disabilities - AWD
H 03317	A	Appropriations Project	\$1,000,000	North Lauderdale C-14 Pump Station
H 03319	A	Appropriations Project	\$3,000,000	North Lauderdale Canal Dredging and Bank Stabilization
H 03321	A	Appropriations Project	\$150,000	Spanish American League Against Discrimination
H 03323	A	Appropriations Project	\$5,000,000	Valencia College - Lake Nona Building 2
H 03325	A	Appropriations Project	\$250,000	Tampa Wastewater Lateral Lining Project
H 03327	A	Appropriations Project	\$630,000	Oak Street Home II - Female Teen Delinquency Prevention Program
H 03329	A	Appropriations Project	\$750,000	North Lauderdale Tam O'Shanter Blvd Roadway and Drainage Improvements
H 03331	A	Appropriations Project	\$450,000	North Lauderdale Silver Lakes Drainage Improvements Phase II
H 03333	A	Appropriations Project	\$250,000	Dania Beach NW/SW 1 Avenue Water Infrastructure Revitalization
H 03335	A	Appropriations Project	\$500,000	Santa Rosa County Recreational Fields at Pensacola State College
H 03337	A	Appropriations Project	\$184,500	Santa Rosa County Santa Monica Street Paving
H 03339	A	Appropriations Project	\$4,104,513	Pensacola State College - Asphalt Improvement/Replacement
H 03341	A	Appropriations Project	\$750,000	Parenting with Love and Limits (PLL)
H 03343	A	Appropriations Project	\$2,000,000	AMIkids Prevention Programs
H 03345	A	Appropriations Project	\$1,000,000	Zoo Miami Expansion/Renovation of Animal Hospital
H 03347	A	Appropriations Project	\$503,500	Tallahassee TEMPO & TFLA Workforce Training and Education for Opportunity Youth

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 03349	A	Appropriations Project	\$2,700,000	Tallahassee Community College - Nursing Program Expansion
H 03351	A	Appropriations Project	\$500,000	Nassau County Courthouse Annex Completion Project
H 03353	A	Appropriations Project	\$1,500,000	Operation New Hope, Inc. - Ready4Work
H 03355	A	Appropriations Project	\$390,000	Miami-Dade County Sea Level Rise Hardening at NE 89 St from NE 10 Ct to North Bayshore
H 03357	A	Appropriations Project	\$1,500,000	Miami-Dade County Stormwater Pump Station Hardening Project
H 03359	A	Appropriations Project	\$3,076,800	Continuum of Care Enhanced Offender Rehabilitation
H 03361	A	Appropriations Project	\$500,000	NW 74th St improvements
H 03363	A	Appropriations Project	\$400,000	NW 89th Ave Roadway and Drainage Improvements
H 03365	A	Appropriations Project	\$350,000	Medley Tobie Wilson Multiuse Community Center Water Quality Improvements and Bulkhead Replacement
H 03367	A	Appropriations Project	\$500,000	Collier County Golden Gate City Water Resource Protection/Restoration Master Plan
H 03369	A	Appropriations Project	\$200,000	Collier County Golden Gate City Outfall Restoration Project Phase 1
H 03371	A	Appropriations Project	\$1,615,113	Caloosahatchee River Submerged Aquatic Vegetation Restoration
H 03373	A	Appropriations Project	\$350,000	Best Buddies Mentoring and Student Assistance Initiatives
H 03375	A	Appropriations Project	\$1,500,000	Pompano Beach Septic to Sewer Conversion
H 03377	A	Appropriations Project	\$1,000,000	Broward College - Seaport Training Project
H 03379	A	Appropriations Project	\$2,000,000	Blount Road Streetscape Improvements Project
H 03381	A	Appropriations Project	\$400,000	Colombian American Chamber of Commerce of Greater Miami
H 03383	A	Appropriations Project	\$1,000,000	Miami Springs East Drive Stormwater and Road Improvement Project
H 03385	A	Appropriations Project	\$1,500,000	Miami Springs Erosion Control and Stabilization of Drainage
H 03387	A	Appropriations Project	\$1,000,000	West Miami Potable Water System Improvements Phase II
H 03389	A	Appropriations Project	\$1,000,000	Miami Lakes Royal Oaks Drainage Improvements Project
H 03391	A	Appropriations Project	\$3,000,000	Madeira Beach Crystal Island Stormwater & Roadway Improvements Project
H 03393	A	Appropriations Project	\$300,000	Inner City Youth Golf Learning Center & Museum
H 03395	A	Appropriations Project	\$500,000	Mangonia Park Addie L. Green Park Improvements
H 03397	A	Appropriations Project	\$1,000,000	Town of Lake Park - Downtown Parking Structure
H 03399	A	Appropriations Project	\$250,000	Haitian American Food Bank of South Florida
H 03401	A	Appropriations Project	\$580,000	Virginia Gardens 62 Ave & 40 Terr Stormwater/ADA Improvements

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 03403	A	Appropriations Project	\$50,000	Miami Gardens Vista Verde Phase 4 Road and Drainage Improvement Project
H 03405	A	Appropriations Project	\$20,000	Miami Gardens NW 159 Street Drainage Improvement Project
H 03407	A	Appropriations Project	\$30,000	Miami Gardens NW 195 Street and NW 12 Ave Stormwater Drainage Improvement
H 03409	A	Appropriations Project	\$10,000,000	44th Avenue East Extension
H 03411	A	Appropriations Project	\$400,000	Latin Chamber of Commerce CAMACOL
H 03413	A	Appropriations Project	\$300,000	Lois Avenue Complete Street Project - Tampa
H 03415	A	Appropriations Project	\$80,000	Primrose Center Visiting Registered Nurse to Serve Intellectually and Developmentally Disabled (I/DD) Adults
H 03417	A	Appropriations Project	\$2,487,075	El Portal Sherwood Forest (NE 3rd Avenue) Little River Stormwater
H 03419	A	Appropriations Project	\$340,000	Florida Student Association, Inc. - Food and Housing Insecurity
H 03421	A	Appropriations Project	\$1,200,000	University of Miami Miller School of Medicine Florida Stroke Registry
H 03423	A	Appropriations Project	\$250,000	Florida Heiken Children's Vision Program LLC, a division of Miami Lighthouse for the Blind
H 03425	A	Appropriations Project	\$535,000	Bushnell - Sumter Regional Utility Study
H 03427	A	Appropriations Project	\$185,944	City of Miami Springs Senior Center - Supplemental Meals and Services
H 03429	A	Appropriations Project	\$400,000	Hope Connections - Serving Frail Rural Seniors
H 03431	A	Appropriations Project	\$360,000	ChildNet - Preventing Opioid and Substance-Abuse Based Child Removals
H 03433	A	Appropriations Project	\$675,000	The Choice: Single-Parents Mentoring Initiative
H 03435	A	Appropriations Project	\$2,000,000	Polk County - Rural Areas Fire Suppression Resiliency
H 03437	A	Appropriations Project	\$100,000	North Miami Food Pantry
H 03439	A	Appropriations Project	\$650,000	North Miami Septic to Sewer Conversions
H 03441	A	Appropriations Project	\$5,150,029	El Portal Little River Septic to Sewer NE 2nd Avenue Commercial
H 03443	A	Appropriations Project	\$600,000	Miami Shores Village Shores Estates Drain Water System
H 03445	A	Appropriations Project	\$600,000	City of Miami Disaster Relief Bearcats
H 03447	A	Appropriations Project	\$170,000	Doral Stormwater Master Plan Update
H 03449	A	Appropriations Project	\$300,000	Baker Corridor Improvement Analysis
H 03451	A	Appropriations Project	\$2,553,624	McNab Road Streetscape Improvements Project
H 03453	A	Appropriations Project	\$1,150,000	Davie Shenandoah Drainage Improvements
H 03455	A	Appropriations Project	\$100,000	Bergeron Rodeo Grounds Improvements

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 03457	A	Appropriations Project	\$625,000	Bay County Hurricane Michael - Stormwater Facilities
H 03459	A	Appropriations Project	\$270,000	Howard C. Forman Central Kitchen Improvements - Emergency Generator System
H 03461	A	Appropriations Project	\$678,218	Palmetto Bay Sub-Basin 61 Construction
H 03463	A	Appropriations Project	\$2,000,000	Shelter Upgrade Renovations - John Marble Park
H 03465	A	Appropriations Project	\$799,390	Lauderdale Lakes Stormwater Conveyance and Water Quality Improvement Project
H 03467	A	Appropriations Project	\$1,500,000	West Inverness City Trail and Withlacoochee State Trail Connector
H 03469	A	Appropriations Project	\$625,000	Happy Workers Learning Center Rehab/Restoration
H 03471	A	Appropriations Project	\$2,000,000	Inverness Septic to Sewer Highway 44 East Corridor
H 03473	A	Appropriations Project	\$84,225	The Kind Mouse Productions Kids Feeding Kids Program
H 03475	A	Appropriations Project	\$150,000	Crystal River Sewer Master Plan Study
H 03477	A	Appropriations Project	\$500,000	Lauderhill Southeast Water Service Project
H 03479	A	Appropriations Project	\$125,000	North Lauderdale Fire/ Rescue Training Center
H 03481	A	Appropriations Project	\$715,500	Lauderhill Commerce Visitors Bureau
H 03483	A	Appropriations Project	\$1,200,000	Lauderhill 21st Street Water Main
H 03485	A	Appropriations Project	\$1,028,000	Lauderhill NW 38th Avenue Storm Drainage Improvements
H 03487	A	Appropriations Project	\$400,000	Tamarac Stormwater Culvert Headwalls Phase 7
H 03489	A	Appropriations Project	\$2,300,000	Gulfport Sanitary Sewer By-Pass Project
H 03491	A	Appropriations Project	\$4,000,000	Citrus County Kings Bay Restoration Project
H 03493	A	Appropriations Project	\$2,000,000	Crystal River Riverwalk Phase 2
H 03495	A	Appropriations Project	\$1,500,000	Crystal River Government Center Phase 1
H 03497	A	Appropriations Project	\$650,000	Crystal River Town Square Phase 2
H 03499	A	Appropriations Project	\$5,700,000	Anderson Snow Road & Corporate Boulevard Improvements
H 03501	A	Appropriations Project	\$100,000	Richloam Museum
H 03503	A	Appropriations Project	\$150,000	Brooksville Reuse Water to Cascades Residential Development
H 03505	A	Appropriations Project	\$450,000	Brooksville Lamar Drinking Water Plant
H 03507	A	Appropriations Project	\$1,500,000	Hernando County Public Safety Radio System Improvements
H 03509	A	Appropriations Project	\$1,100,000	Arc Nature Coast Center for Critical Needs and Aging
H 03511	A	Appropriations Project	\$2,200,000	Brooksville Sewer Rehabilitation Phase IV

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 03513	A	Appropriations Project	\$3,000,000	Hernando County Glen Water Reclamation Facility (WRF) Denitrification Upgrades
H 03515	A	Appropriations Project	\$20,201,510	County Line Road Widening Right of Way Acquisition and Design
H 03517	A	Appropriations Project	\$1,000,000	DeSoto County Morgan Park Erosion Mitigation
H 03519	A	Appropriations Project	\$60,000	Habitat for Humanity Engineering for The Grove - Hardee County
H 03521	A	Appropriations Project	\$500,000	West Florida Historic Preservation - Site Preservation and Operations
H 03523	A	Appropriations Project	\$1,000,000	Palm Beach State College Dental Health Services - New Equipment
H 03525	A	Appropriations Project	\$2,000,000	Okaloosa County Water & Sewer Gravity Sewer Rehabilitation
H 03527	A	Appropriations Project	\$500,000	Navarre Beach Pierce Saber Fire Pumper
H 03529	A	Appropriations Project	\$1,085,115	Howey in the Hills Downtown Sewer and Lift Station
H 03531	A	Appropriations Project	\$500,000	Hawthorne Water Main Replacements
H 03533	A	Appropriations Project	\$100,000	Florida Supportive Housing Coalition Community Dialogue Technical Assistance Program
H 03535	A	Appropriations Project	\$300,000	Archer Water System Upgrades
H 03537	A	Appropriations Project	\$750,000	Sanford Nutrient Reduction - Lakes Monroe and Jesup
H 03539	A	Appropriations Project	\$500,000	Seminole County Lake Jesup Watershed Project
H 03541	A	Appropriations Project	\$250,000	Gainesville Lower-Income Neighborhood Septic-to-Sewer Water Quality Improvements
H 03543	A	Appropriations Project	\$525,000	Bethune-Cookman University - Public Safety & Community Engagement Initiative
H 03545	A	Appropriations Project	\$10,000,000	Alachua County Newnans Lake Water Quality Improvement - Treatment Wetland
H 03547	A	Appropriations Project	\$344,135	Roads & Streets Improvement Project - Edgewood
H 03549	A	Appropriations Project	\$1,000,000	Mission Focused - Program Rich Affordable Housing for At-risk & Foster Children and Senior Citizens
H 03551	A	Appropriations Project	\$1,500,000	Miami Tidal Valves and Flood Improvements
H 03553	A	Appropriations Project	\$1,000,000	Miami Lakes Loch Lomond Drainage Improvements Project
H 03555	A	Appropriations Project	\$2,700,000	Glades County US 27 Utility Corridor Infrastructure
H 03557	A	Appropriations Project	\$250,000	Florida Medal of Honor Memorial
H 03559	A	Appropriations Project	\$1,000,000	Okeechobee County Four Seasons Estates Stormwater Improvements
H 03561	A	Appropriations Project	\$1,250,000	Okeechobee County Industrial Park Improvements
H 03563	A	Appropriations Project	\$1,500,000	Okeechobee County Berman Road South Stormwater Conveyance & Easement
H 03565	A	Appropriations Project	\$1,435,000	Lake County Lake Apopka Ferndale Preserve

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 03567	A	Appropriations Project	\$1,200,000	Orange County Wekiwa Springs Septic Tank Retrofit Project
H 03569	A	Appropriations Project	\$2,000,000	Lake County Critical Water Quality Area Septic System Upgrade Cost Share
H 03571	A	Appropriations Project	\$1,000,000	Umatilla Wastewater Interconnection with City of Eustis
H 03573	A	Appropriations Project	\$640,000	Tavares Chain of Lakes Clean Water Initiative
H 03575	A	Appropriations Project	\$350,000	Mental Health and Telehealth Services for Children and Families
H 03577	A	Appropriations Project	\$25,000,000	Historically Black Colleges and Universities (HBCU) Gap Funding
H 03579	A	Appropriations Project	\$750,000	Daytona Beach Flood Mitigation Project
H 03581	A	Appropriations Project	\$250,000	HANDY's Scholars Program
H 03583	A	Appropriations Project	\$2,000,000	Regional Entrepreneurship Centers and Statewide Small Business
H 03585	A	Appropriations Project	\$500,000	Lauderdale Lakes Fire Station Renovation Project
H 03587	A	Appropriations Project	\$2,000,499	Municipal Hurricane Hardening Project - Lauderdale Lakes
H 03589	A	Appropriations Project	\$150,000	Old Dillard Foundation - Capacity Building Project
H 03591	A	Appropriations Project	\$1,750,000	Maitland Mayo Avenue Sewer System Improvements
H 03593	A	Appropriations Project	\$562,500	Mount Dora Britt Road Utility Extensions
H 03595	A	Appropriations Project	\$158,000	University of West Florida - Specialized Degrees for Firefighters
H 03597	A	Appropriations Project	\$100,000	Crestview Reuse Water Project
H 03599	A	Appropriations Project	\$250,000	Art and History Museums - Maitland - Structural Rehabilitation
H 03601	A	Appropriations Project	\$595,000	Clara White Mission - Operation Turn Around
H 03603	A	Appropriations Project	\$389,450	Women Veteran's Ignited
H 03605	A	Appropriations Project	\$750,000	City of Jacksonville - Cure Violence
H 03607	A	Appropriations Project	\$300,000	Apopka Birding Park
H 03609	A	Appropriations Project	\$200,000	City of Tavares History Museum
H 03611	A	Appropriations Project	\$12,000,000	Glades County Lake Okeechobee Navigational Channel Improvements
H 03613	A	Appropriations Project	\$1,036,924	Glades County Northeast Area Septic to Sewer Improvements
H 03615	A	Appropriations Project	\$2,000,000	Pulse National Memorial and Museum
H 03617	A	Appropriations Project	\$2,000,000	Operating Support for The College of the Florida Keys
H 03619	A	Appropriations Project	\$500,000	Marine Research Hub
H 03621	A	Appropriations Project	\$1,500,000	Miami Project to Cure Paralysis - Spinal Cord and Traumatic Brain

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 03623	A	Appropriations Project	\$1,800,000	Our Pride Academy, Inc.
H 03625	A	Appropriations Project	\$300,000	Area Stage Company's Inclusion Theatre Project
H 03627	A	Appropriations Project	\$998,316	City of Casselberry Ascension Trail
H 03629	A	Appropriations Project	\$800,000	Hallandale Beach Expanded Water Reuse Phase 2 Construction
H 03631	A	Appropriations Project	\$1,000,000	Memorial Healthcare System TAP (Telehealth Access for Patients) Program
H 03633	A	Appropriations Project	\$301,220	Financial Empowerment for Asset Building and Stability
H 03635	A	Appropriations Project	\$791,854	Traffic Calming Horace Mann Middle School
H 03637	A	Appropriations Project	\$375,000	Miami Shores Village Engineering Design for Sewers in Shores Estates
H 03639	A	Appropriations Project	\$59,000	Village of Biscayne Park - Emergency Operations Center Generator & Recreation Center Lighting
H 03641	A	Appropriations Project	\$1,695,804	University of Florida College of Dentistry - Supplemental Payments for Faculty Dentists
H 03643	A	Appropriations Project	\$525,000	Graduate Medical Education- Psychiatry
H 03645	A	Appropriations Project	\$580,000	Manufacturing Talent Asset Pipeline
H 03647	A	Appropriations Project	\$974,539	Health Central Disproportionate Share Hospital Funding
H 03649	A	Appropriations Project	\$750,000	Community Health Centers, Inc. - Bithlo Community Health Center
H 03651	A	Appropriations Project	\$666,713	Devereux Advanced Behavioral Health Dual Diagnosis Services: Mental Health and Intellectual/Developmental Disabilities
H 03653	A	Appropriations Project	\$2,000,000	Haitian Heritage Museum Transit-Oriented Development
H 03655	A	Appropriations Project	\$1,463,189	Surfside Collins Avenue Water Main Replacement Phase I
H 03657	A	Appropriations Project	\$1,000,000	Florida Memorial University - Distance Learning Center
H 03659	A	Appropriations Project	\$150,000	Greater Mercy MBC/Safe Day
H 03661	A	Appropriations Project	\$1,000,000	Florida Memorial University - Training for the Future of Aerospace
H 03663	A	Appropriations Project	\$225,000	Greenacres Swain Blvd Sewer Extension
H 03665	A	Appropriations Project	\$1,000,000	South Florida Fairgrounds Multi-Purpose Exhibition Building
H 03667	A	Appropriations Project	\$175,000	Easterseals of Northeast Central Florida Autism Center of Excellence
H 03669	A	Appropriations Project	\$98,850	2021 Miami International Agriculture, Horse & Cattle Show
H 03671	A	Appropriations Project	\$10,986,472	Wolfson Children's Hospital Automatic Rate Enhancement
H 03673	A	Appropriations Project	\$850,884	Lake Sumter State College - Emerging Media & Information Technology Programs Funding

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 03675	A	Appropriations Project	\$300,000	Lake Sumter State College - Math Emporium/STEM Focused Model Funding
H 03677	A	Appropriations Project	\$7,500,000	Pasco-Hernando State College - Construction of Student Success, Professional and Community Development Center
H 03679	A	Appropriations Project	\$2,250,000	Intersection Improvements - Dade City
H 03681	A	Appropriations Project	\$400,000	Florida Memorial University- Improvement of Science Laboratories
H 03683	A	Appropriations Project	\$600,000	Nassau County Council on Aging - Hilliard Westside Senior Life Center & Adult Day Healthcare
H 03685	A	Appropriations Project	\$400,000	South Miami Park Space Acquisition Project
H 03687	A	Appropriations Project	\$500,000	City of Miami Child Learning Centers + L.E.A.R.N. Lab
H 03689	A	Appropriations Project	\$350,000	Bridging the Gap in Employment of Young Adults with Unique Abilities
H 03691	A	Appropriations Project	\$526,000	Pace Center for Girls - Day and Reach Programs
H 03693	A	Appropriations Project	\$249,999	City of Lauderdale Lakes Alzheimer's Care Center - Alzheimer Care Services Expansion
H 03695	A	Appropriations Project	\$1,000,000	Palm Beach County Elections Registration and Equipment
H 03697	A	Appropriations Project	\$70,100	Center for the Advancement Restoration & Empowerment - Health & Wellness Program
H 03699	A	Appropriations Project	\$900,000	Keiser University - Women's Lifespan Health Initiative
H 03701	A	Appropriations Project	\$412,000	Little Havana Activities & Nutrition Centers of Dade County - Adult Day Care
H 03703	A	Appropriations Project	\$154,500	Little Havana Activities & Nutrition Centers of Dade County - Elderly Meals Program
H 03705	A	Appropriations Project	\$154,500	Little Havana Activities & Nutrition Centers of Dade County - Respite Service for Caregivers
H 03707	A	Appropriations Project	\$5,000,000	Miami-Dade County Mosquito Control Administrative and Operations Building
H 03709	A	Appropriations Project	\$1,000,000	Windley Key & Key Heights Affordable Housing Project
H 03711	A	Appropriations Project	\$500,000	99 Terrace Connector Rd Improvements
H 03713	A	Appropriations Project	\$3,810,000	State College of Florida, Manatee-Sarasota -- Nursing Center of Excellence
H 03715	A	Appropriations Project	\$813,000	Holt Volunteer Fire Station Replacement
H 03717	A	Appropriations Project	\$140,000	Largo Clearwater-Largo Road District Stormwater Improvements
H 03719	A	Appropriations Project	\$300,000	Largo Medical Arts District Regional Stormwater Pond
H 03721	A	Appropriations Project	\$108,147	Health Services to Low-Income Residents (CHS in Miami)
H 03723	A	Appropriations Project	\$150,000	CSG Tech-Solutions - Community Based Services (CBS) App
H 03725	A	Appropriations Project	\$3,000,000	Bay of Pigs - Brigade 2506 Museum

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 03727	A	Appropriations Project	\$11,084,734	Brevard County Septic to Sewer Conversion for 1,019 Homes
H 03729	A	Appropriations Project	\$1,000,000	Brevard County EOC Construction - Phase 1
H 03731	A	Appropriations Project	\$1,360,975	Opa-Locka Executive Airport Infrastructure Improvements
H 03733	A	Appropriations Project	\$8,500,000	Nova Southeastern University - Veterans Access Clinic
H 03735	A	Appropriations Project	\$295,000	Rogers-Kiene Building - City Arts Upgrades
H 03737	A	Appropriations Project	\$724,685	St. Petersburg College - Nursing Simulation Expansion
H 03739	A	Appropriations Project	\$1,000,000	Sports Nutrition Center and Maintenance Buildings - Bradenton
H 03741	A	Appropriations Project	\$1,247,020	Lauderdale Lakes Drainage Improvement and Flood Control Project
H 03743	A	Appropriations Project	\$250,000	End Human Trafficking, Inc.
H 03745	A	Appropriations Project	\$1,833,800	Macclenny Water Treatment Plant II Upgrades and 12-inch Water Main Extension
H 03747	A	Appropriations Project	\$150,000	North Miami Police Department - Victim Assistance Emergency Fund
H 03749	A	Appropriations Project/CS	\$14,765,000	School Board of Miami-Dade Section 16 Land Sale
H 03751	A	Appropriations Project	\$510,000	Virginia Gardens 37 Street Stormwater Improvements
H 03753	A	Appropriations Project	\$400,000	Military-Connected Schools Initiative
H 03755	A	Appropriations Project	\$800,000	South Miami Water Infrastructure Improvement Project
H 03757	A	Appropriations Project	\$300,000	Cutler Bay Wetland Restoration Project
H 03759	A	Appropriations Project	\$400,000	Cutler Bay Saga Bay Drainage Project
H 03761	A	Appropriations Project	\$97,150	S.T.E.A.M.D. @ Palmetto Youth Center
H 03763	A	Appropriations Project	\$833,525	Boley Centers Year Round Youth Employment Program
H 03765	A	Appropriations Project	\$2,500,000	Police Athletic League of St. Petersburg Renovation
H 03767	A	Appropriations Project	\$241,878	School Resource Officer Funding
H 03769	A	Appropriations Project	\$750,000	Inglis Sub-Regional Wastewater System
H 03771	A	Appropriations Project	\$500,000	Traffic Safety - Miami Shores Village
H 03773	A	Appropriations Project	\$21,000	Miami Shores Village - Active Adult Enrichment Programs
H 03775	A	Appropriations Project	\$950,000	New Smyrna Beach Sports Complex Artificial Turf
H 03777	A	Appropriations Project	\$1,587,000	New Smyrna Beach Sports Complex LED Field Lights
H 03779	A	Appropriations Project	\$750,000	Comprehensive Home Accessibility for Floridians with Disabilities
H 03781	A	Appropriations Project	\$410,000	African American History Museum and Library at Roosevelt High School

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 03783	A	Appropriations Project	\$250,000	Town of Lake Park - Historic Town Hall Roof Replacement and Repairs
H 03785	A	Appropriations Project	\$103,800	Stop the Violence & Embrace Afterschool Program
H 03787	A	Appropriations Project	\$279,451	Professional Opportunities Program for Students (POPS)
H 03789	A	Appropriations Project	\$2,439,000	Pompano Beach Fire Station 52 Replacement Project
H 03791	A	Appropriations Project	\$1,000,000	New World School of the Arts
H 03793	A	Appropriations Project	\$300,000	Children of Inmates: Careers Over Crime
H 03795	A	Appropriations Project	\$149,537	David Posnack Jewish Community Center - Senior Kosher Meal Program
H 03797	A	Appropriations Project	\$1,000,000	West Tampa Commercial Redevelopment
H 03799	A	Appropriations Project	\$300,000	City of Tampa Crosswalks to Classrooms
H 03801	A	Appropriations Project	\$200,000	Alzheimer's Project, Inc. - Bringing the Lost Home
H 03803	A	Appropriations Project	\$350,000	Mangonia Park Bryn Mawr Water and Sewer Connection Phase 1
H 03805	A	Appropriations Project	\$1,500,000	Smart Horizons Online High School Program for Inmates
H 03807	A	Appropriations Project	\$500,000	Pinecrest Stormwater Improvements
H 03809	A	Appropriations Project	\$745,900	Nature Education Center
H 03811	A	Appropriations Project	\$3,500,000	Gun Violence Intervention Pilot Program
H 03813	A	Appropriations Project	\$100,000	S.O.A.R. Family Literacy Project
H 03815	A	Appropriations Project/CS	\$2,600,000	University of South Florida (HIPPI) Home Instruction for Parents of Preschool Youngsters
H 03817	A	Appropriations Project	\$500,000	Okeechobee County Public Safety Training Tower Facility
H 03819	A	Appropriations Project	\$1,250,000	Okeechobee Utility Authority Pine Ridge Park Septic to Sewer Project
H 03821	A	Appropriations Project	\$2,500,000	Okeechobee Utility Authority Okee-Tantie Wastewater Improvements
H 03823	A	Appropriations Project	\$250,000	The WOW Center - Education, Internships and Training for Future Workforce Success
H 03825	A	Appropriations Project	\$350,000	Cuban American Bar Association Pro Bono Project, Inc.
H 03827	A	Appropriations Project	\$142,000	Longboat Key Assessment of Sea Level Rise and Recurring Storm Flooding Phase 3 and 4
H 03829	A	Appropriations Project	\$950,000	Manatee County Water Quality Improvement with Native Oysters and Clams
H 03831	A	Appropriations Project	\$900,000	Palmetto Green Bridge Fishing Pier Replacement
H 03833	A	Appropriations Project	\$2,500,000	Sarasota County Sarasota and Lemon Bays Watershed Water Quality Improvement Project
H 03835	A	Appropriations Project	\$3,000,000	Holmes Beach Flood Prevention Improvements

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 03837	A	Appropriations Project	\$200,000	Linking Educational Assets for Readiness Now (LEARN)
H 03839	A	Appropriations Project	\$1,500,000	Selah Freedom Programs and Services for Victims of Sex Trafficking and Exploitation
H 03841	A	Appropriations Project	\$1,000,000	Centerstone Psychiatric Residency
H 03843	A	Appropriations Project	\$3,000,000	Bradenton Beach Resiliency Project
H 03845	A	Appropriations Project	\$850,000	Mexico Beach Pier / Land Acquisition
H 03847	A	Appropriations Project	\$179,600	Duval Leaders of Tomorrow
H 03849	A	Appropriations Project	\$250,000	Osceola Council on Aging - Home Delivered Meals
H 03851	A	Appropriations Project	\$200,000	Primary Care Medical Services of Poinciana Patient Transportation & Mobile Food Pantry Program
H 03853	A	Appropriations Project	\$2,000,000	McCormick Research Institute - Veterans Service Center
H 03855	A	Appropriations Project	\$250,000	Victory Village Rehabilitation Project
H 03857	A	Appropriations Project	\$375,000	St. Cloud Seaplane Base
H 03859	A	Appropriations Project	\$1,900,000	Mutter Road Connection
H 03861	A	Appropriations Project	\$368,000	St. Cloud Ralph V. Chisholm Park
H 03863	A	Appropriations Project	\$500,000	Unmanned Aerial Vehicle (UAV) Near Infrared Python Detection Camera
H 03865	A	Appropriations Project	\$1,000,000	Osceola County Lake Toho Water Restoration Diversion Wall Design and Construction
H 03867	A	Appropriations Project	\$725,000	Hispanic Business Initiative Fund Outreach Program
H 03869	A	Appropriations Project	\$246,732	Broward Community and Family Health Centers Cervical Cancer Prevention and Detection
H 03871	A	Appropriations Project	\$636,000	The Florida Theatre Expansion Project
H 03873	A	Appropriations Project	\$800,000	Palm Beach County Fire Rescue Bunker Gear Contamination
H 03875	A	Appropriations Project	\$515,667	Surfside Abbott Avenue Drainage Improvements
H 03877	A	Appropriations Project	\$7,557,483	Miami Jewish Health System - Wrap Payment for Florida PACE Center Rate Adjustment on Dual Eligible Participants
H 03879	A	Appropriations Project	\$2,500,000	Extended-Release Injectable Naltrexone Program
H 03881	A	Appropriations Project	\$150,000	Culinary Workforce Training Program - Second Harvest Food Bank
H 03883	A	Appropriations Project	\$1,500,000	TeleStaff
H 03885	A	Appropriations Project	\$2,000,000	Online Workforce-Based Adult High School Program
H 03887	A	Appropriations Project	\$4,000,000	Polk County Burnham-McCall Training Center and Administrative Office
H 03889	A	Appropriations Project	\$549,750	Key Biscayne Sargassum Removal

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 03891	A	Appropriations Project	\$10,000,000	BRIDG Operations
H 03893	A	Appropriations Project	\$2,000,000	Earn to Learn FL
H 03895	A	Appropriations Project	\$150,000	Virgil Hawkins Florida Chapter of the National Bar Association Fellowship Program
H 03897	A	Appropriations Project	\$500,000	Tampa Septic to Sewer Study
H 03899	A	Appropriations Project	\$2,000,000	Florida Work Ready Initiative
H 03901	A	Appropriations Project	\$2,000,000	City of Callaway Roadway Repairs
H 03903	A	Appropriations Project	\$2,000,000	City of Lynn Haven Road Repairs
H 03905	A	Appropriations Project	\$66,750	East River High School - Agriculture Education Program Expansion
H 03907	A	Appropriations Project	\$1,625,000	UF/IFAS Florida 4-H Education Center Improvements
H 03909	A	Appropriations Project	\$220,200	Ability Tree Florida R.E.S.T. and Recreation Center
H 03911	A	Appropriations Project	\$3,000,000	Florida Ready to Work
H 03913	A	Appropriations Project	\$50,000	Responders First Wellness Program
H 03915	A	Appropriations Project	\$800,000	Keep Florida Beautiful, Inc.
H 03917	A	Appropriations Project	\$6,750,000	Citrus County Inverness Airport Business Park
H 03919	A	Appropriations Project	\$3,058,815	Veterans Village of Citrus County
H 03921	A	Appropriations Project	\$9,800,000	Hernando Career Certificate and Dual Enrollment Expansion
H 03923	A	Appropriations Project	\$550,000	Filter Family Solutions
H 03925	A	Appropriations Project	\$3,500,000	Pace Center for Girls - Hernando County Building
H 03927	A	Appropriations Project	\$159,520	Rales Rides - Senior Transportation Program
H 03929	A	Appropriations Project	\$262,650	Trilogy Network of Care Software Solution for Behavioral Health
H 03931	A	Appropriations Project	\$925,000	PARC Children's Autism Classrooms and Therapy Center
H 03933	A	Appropriations Project	\$303,177	Red Tent Women's Initiative, Inc.
H 03935	A	Appropriations Project	\$1,000,000	Florida's Vision Quest Expansion of Children's Vision Services
H 03937	A	Appropriations Project	\$3,000,000	Special Hearts Farm, Inc. Adult Day Training Program
H 03939	A	Appropriations Project	\$175,000	DeSoto County Rescue Equipment
H 03941	A	Appropriations Project	\$516,780	Miami Gardens Neighborhood Watch, Inc.
H 03943	A	Appropriations Project	\$450,000	New Horizons Better Being Senior Program
H 03945	A	Appropriations Project	\$500,000	The River Region Human Services - Northeast Florida Opioid Inpatient Services Expansion

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 03947	A	Appropriations Project	\$350,000	University of North Florida - Jax Bridges Competitive Small Business Initiative
H 03949	A	Appropriations Project	\$200,000	Northwest Behavioral Health Services - Treating Trauma Now Crisis Hotline and Mobile Services
H 03951	A	Appropriations Project	\$595,000	Clara White Mission Veterans at Operation Turn Around-White Harvest Farm
H 03953	A	Appropriations Project	\$4,000,000	Manatee Gateway Experience
H 03955	A	Appropriations Project	\$500,000	West Park Citywide Drainage Improvement Phase I
H 03957	A	Appropriations Project	\$1,000,000	Broward County HIV Test and Treat Program
H 03959	A	Appropriations Project	\$1,000,000	Foundation for Sickle Cell Disease Research Expansion of Statewide Telemedicine and Telehealth Services for Individuals with Sickle Cell Disease
H 03961	A	Appropriations Project	\$1,000,000	Ounce of Prevention Fund of Florida - Florida Children's Initiative
H 03963	A	Appropriations Project	\$430,000	St. Thomas University - Ethical Leadership Institute
H 03965	A	Appropriations Project	\$800,000	Coral Gables Waterway Conveyance and Water Quality Improvements
H 03967	A	Appropriations Project	\$623,198	Diabetes Research Institute Foundation Cellular Research to Cure Diabetes
H 03969	A	Appropriations Project	\$300,000	St. John Bosco Clinic
H 03971	A	Appropriations Project	\$925,500	Florida State University - Florida Health Equity Research Institute
H 03973	A	Appropriations Project	\$705,081	Hialeah Emergency Response and Operation Center Improvements
H 03975	A	Appropriations Project	\$853,000	Miami Lakes East ADA Pedestrian Mobility Infrastructure Project
H 03977	A	Appropriations Project	\$500,000	Pedestrian Safety on Collector Streets
H 03979	A	Appropriations Project	\$1,300,000	Palmetto Bay Multimodal Transit Station
H 03981	A	Appropriations Project	\$500,000	Miami Lakes Multipurpose Senior Community Center (Interior Buildout)
H 03983	A	Appropriations Project	\$245,000	Cutler Bay Canal Bank Restoration
H 03985	A	Appropriations Project	\$2,000,000	Miami Stormwater Pump Station & Water Quality Improvements
H 03987	A	Appropriations Project	\$7,000,000	Ludlam Trail Corridor
H 03989	A	Appropriations Project	\$500,000	YMCA of Florida's First Coast for the Immokalee Unique Abilities Center
H 03991	A	Appropriations Project	\$3,219,575	Florida State College at Jacksonville - STEM and FinTech
H 03993	A	Appropriations Project	\$13,000,000	Florida State College at Jacksonville - STEM Center
H 03995	A	Appropriations Project	\$158,184	Broward Addiction Recovery Center Long Acting Injectable Buprenorphine - Pilot Program
H 03997	A	Appropriations Project	\$280,000	Tallahassee Veterans Legal Collaborative

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 03999	A	Appropriations Project	\$750,000	Key Biscayne Stormwater Utility Improvements
H 04001	A	Appropriations Project	\$590,000	Riviera Beach Utilities Special District Intracoastal Essential Force Main Replacement
H 04003	A	Appropriations Project	\$300,000	Riviera Beach Utilities Special District Intracoastal Critical Water Main Replacement
H 04005	A	Appropriations Project	\$3,000,000	Riviera Beach Utilities Special District Water Treatment Plant Crucial Infrastructure Improvements
H 04007	A	Appropriations Project	\$250,000	West Palm Beach Supervisory Control and Data Acquisition (SCADA) Cybersecurity Technology Upgrades
H 04009	A	Appropriations Project	\$2,000,000	Riviera Beach Utilities Special District Water Treatment Plant Additional Consent Order Improvements
H 04011	A	Appropriations Project	\$1,000,000	Riviera Beach Utilities Special District Force Main Aerials Rehabilitation
H 04013	A	Appropriations Project	\$500,000	Children of Inmates Babies 'N Brains Family Supports Program
H 04015	A	Appropriations Project	\$391,780	IMPOWER - The Grove Drug Abuse Treatment Facility Improvements
H 04017	A	Appropriations Project	\$564,250	Pembroke Park John P. Lyons Lane Stormwater Pumping Station
H 04019	A	Appropriations Project	\$750,000	Miramar Country Club Ranches Water Main Infrastructure
H 04021	A	Appropriations Project	\$750,000	AMIkids Family Centric Program
H 04023	A	Appropriations Project	\$298,463	Child Guidance Center Fetal Alcohol Spectrum Disorders (FASD)
H 04025	A	Appropriations Project	\$250,000	City of Opa-Locka Youth Crime Prevention
H 04027	A	Appropriations Project	\$100,000	City of Opa-Locka Parks and Recreation Department
H 04029	A	Appropriations Project	\$500,000	Read to Lead
H 04031	A	Appropriations Project	\$150,000	Stockton Street Emergency Generator
H 04033	A	Appropriations Project	\$875,000	St. Lucie County Homeless Veterans Assistance Center
H 04035	A	Appropriations Project	\$3,000,000	Independent Living Services in Rural and Underserved Areas
H 04037	A	Appropriations Project	\$400,000	Mentoring Tomorrow's Leaders - Broward County Public Schools
H 04039	A	Appropriations Project	\$195,150	City of Deerfield Beach - Northeast Focal Point Senior Center
H 04041	A	Appropriations Project	\$800,000	Palm Beach County Fire Rescue Diesel Exhaust System Installation Project
H 04043	A	Appropriations Project	\$920,000	UF/IFAS - Demonstration of Reducing Residential Water Quality Impacts
H 04045	A	Appropriations Project	\$597,817	Delray Beach Reclaimed Water Main Construction along SW 4th Street
H 04047	A	Appropriations Project	\$200,000	Children in Action 'Literacy and Science Enrichment Routines - LASER''

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 04049	A	Appropriations Project	\$500,000	The River Region Human Services - Northeast Florida Outpatient Substance Abuse Treatment Services
H 04051	A	Appropriations Project	\$1,500,000	Children of Inmates: Family Strengthening and Reunification
H 04053	A	Appropriations Project	\$912,500	Florida Tech - Restore Lagoon Inflow Research Project
H 04055	A	Appropriations Project	\$5,000,000	Florida Tech - (BAMx) Biomedical Aerospace Manufacturing Multiplier
H 04057	A	Appropriations Project	\$750,000	Ocean Research and Conservation Association Water Quality Monitoring Systems - Kilroy Network Expansion
H 04059	A	Appropriations Project	\$261,507	Okaloosa County School District - Jump Start 2.0
H 04061	A	Appropriations Project	\$563,145	Okaloosa County School District - Coding - A Priority of Our Children's Future
H 04063	A	Appropriations Project	\$1,800,000	University of Miami - School Health Initiative
H 04065	A	Appropriations Project	\$900,000	After-School All-Stars
H 04067	A	Appropriations Project	\$1,596,331	Hillsborough County Baker Act Bed Funding
H 04069	A	Appropriations Project	\$2,000,000	The Italian Club of Tampa: Our Next 100 Years
H 04071	A	Appropriations Project	\$3,000,000	NeighborWorks Florida Collaborative - Catalyst for Florida Communities
H 04073	A	Appropriations Project	\$250,000	Tech Diversity Accelerator
H 04075	A	Appropriations Project	\$100,000	Bowling Green Inflow of Rain Water
H 04077	A	Appropriations Project	\$135,000	Debbie Turner Cancer Care and Resource Center Operation Funding
H 04079	A	Appropriations Project	\$1,000,000	City of Apopka Quest/Camp Thunderbird Inclusive Playground
H 04081	A	Appropriations Project	\$1,500,000	Trout Lake Nature Center New Education Center
H 04083	A	Appropriations Project	\$500,000	Mount Dora Emergency Operations Center
H 04085	A	Appropriations Project	\$1,933,437	Lake County Self-Contained Breathing Apparatus (SCBA) System Replacement
H 04087	A	Appropriations Project	\$800,000	Gulfport Linear Breakwater Park Project
H 04089	A	Appropriations Project	\$750,000	Glades Communities Street Resurfacing and Reconstruction
H 04091	A	Appropriations Project	\$1,800,000	Palm Beach County New Fire Station on Flavor Pict Road
H 04093	A	Appropriations Project	\$7,500	Haverhill Website Remediation
H 04095	A	Appropriations Project	\$47,500	Loxahatchee Groves North Road Equestrian/Multi-Use Trail
H 04097	A	Appropriations Project	\$550,000	Loxahatchee Groves Canal System Rehabilitation
H 04099	A	Appropriations Project	\$768,863	Town of Loxahatchee Groves Southern D Road Improvements
H 04101	A	Appropriations Project	\$1,166,888	Town of Loxahatchee Groves North B Road Improvements

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 04103	A	Appropriations Project	\$800,000	Palm Beach County Public Land Decontamination Project
H 04105	A	Appropriations Project	\$150,000	White Springs Water Treatment & Distribution
H 04107	A	Appropriations Project	\$9,836,000	Florida Coastal Mapping Program - Tampa Bay Area
H 04109	A	Appropriations Project	\$1,331,617	Agricultural Plastic Recycling Market Development Initiative
H 04111	A	Appropriations Project	\$275,000	Hurricane Hardening for First Responders Children's Child Care
H 04113	A	Appropriations Project	\$800,000	Pinellas County-Pinellas Schools Joint Use Highpoint Recreation
H 04115	A	Appropriations Project	\$850,000	Florida Epilepsy Services Program
H 04117	A	Appropriations Project	\$1,750,000	Indian Harbour Beach and Satellite Beach Muck Dredging
H 04119	A	Appropriations Project	\$390,000	Rockledge Biosolids Final Design
H 04121	A	Appropriations Project	\$500,000	Safety Harbor City Park Improvements
H 04123	A	Appropriations Project	\$850,000	University of Florida - Center for Rare Disease Research Excellence
H 04125	A	Appropriations Project	\$3,000,000	Hillsborough Community College Operational Support
H 04127	A	Appropriations Project	\$2,500,000	Nurse-Family Partnership Implementation Funding
H 04129	A	Appropriations Project	\$817,000	Character Speaks Adult Re-entry Program
H 04131	A	Appropriations Project	\$3,500,000	Tampa Hillsborough Homeless Initiative - Shared Housing
H 04133	A	Appropriations Project	\$633,000	Feeding Tampa Bay Evolve & Energize
H 04135	A	Appropriations Project	\$2,500,000	eMerge Americas 2021 - Technology Innovation Foundation of the Americas
H 04137	A	Appropriations Project	\$1,000,000	City of Safety Harbor Municipal Marina Restoration Project
H 04139	A	Appropriations Project	\$775,000	Family First - All Pro Dad and iMom Adoption and Foster Care Promotion
H 04141	A	Appropriations Project	\$12,000,000	Hillsborough Community College - Deferred Maintenance
H 04143	A	Appropriations Project	\$500,000	Ready4Work-Hillsborough
H 04145	A	Appropriations Project	\$3,880,688	University of Florida - Center for Application of Artificial Intelligence
H 04147	A	Appropriations Project	\$300,000	University of South Florida - St. Petersburg - Citizen Scholar Partnership
H 04149	A	Appropriations Project	\$250,000	Camelot Community Care's Hillsborough County High Risk Adoption Support Program
H 04151	A	Appropriations Project	\$500,000	Florida Veterans Legal Helpline
H 04153	A	Appropriations Project	\$1,200,000	Daytona State College - Equipment for Welding and Machining Program in Partnership with Charter High School
H 04155	A	Appropriations Project	\$500,000	Pioneer Trail/Tomoka Farms Road Intersection Safety Improvements

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 04157	A	Appropriations Project	\$3,000,000	Florida Association of Centers for Independent Living - Home Modification Services for Seniors
H 04159	A	Appropriations Project	\$500,000	City of Tavares Senior Center - New Construction
H 04161	A	Appropriations Project	\$545,000	The Camillus House ISPA Program for Mental Health and Substance Abuse Services
H 04163	A	Appropriations Project	\$250,000	Casa Valentina - Foster Youth Resource Call Center
H 04165	A	Appropriations Project	\$155,000	Citrus Health Network - Safe Haven for Homeless Youth
H 04167	A	Appropriations Project	\$200,000	The Florida Healthy Choices Coalition Prevention Programs
H 04169	A	Appropriations Project	\$34,744	School Resource Officer
H 04171	A	Appropriations Project	\$189,000	Thelma Gibson Health Initiative - Community 'Passport' to Health and Housing
H 04173	A	Appropriations Project	\$750,000	Big Brothers Big Sisters Bigs Inspiring Scholastic Success (BISS)
H 04175	A	Appropriations Project	\$100,000	Blue Missions Reach Program
H 04177	A	Appropriations Project	\$757,550	University of Central Florida - Limbitless Solutions
H 04179	A	Appropriations Project	\$900,000	YMCA of Central Florida - After School Programs (Osceola and Lake County)
H 04181	A	Appropriations Project	\$300,000	West Palm Beach Early Learning to Kindergarten Pilot
H 04183	A	Appropriations Project	\$400,000	Alpert Jewish Family and Children's Service - Mental Health First Aid
H 04185	A	Appropriations Project	\$750,000	LifeStream Central Receiving System- Citrus County
H 04187	A	Appropriations Project	\$575,000	Brain Bank - Alzheimer's Disease Research - Mount Sinai
H 04189	A	Appropriations Project	\$750,000	The Centers - Residential Treatment Facility and Housing for Minors
H 04191	A	Appropriations Project	\$1,000,000	The Dream Center
H 04193	A	Appropriations Project	\$1,500,000	Florida Children's Initiative
H 04195	A	Appropriations Project	\$500,000	211 Palm Beach Treasure Coast - South Florida Suicide Prevention and Crisis Intervention Outreach Project
H 04197	A	Appropriations Project	\$1,700,000	The Hope Center for Autism, Inc. - Funding for Building
H 04199	A	Appropriations Project	\$1,000,000	Saint Leo University - Wellness Center Construction
H 04201	A	Appropriations Project	\$350,000	Doral Intersection Signalization Pedestrian Safety NW 82 Street and NW 114 Avenue
H 04203	A	Appropriations Project	\$5,000,000	Biscayne-Everglades Greenway (BEG)- Funding Request for Design & Construction of Trail
H 04205	A	Appropriations Project	\$500,000	The Guidance Care Center - Monroe County Baker Act Receiving Facility Upgrades
H 04207	A	Appropriations Project	\$258,000	Proposal for Non-public CTE Certification Pilot Program
H 04209	A	Appropriations Project	\$450,000	The Okaloosa-Walton Mental Health and Substance Abuse Pretrial Diversion Project

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 04211	A	Appropriations Project	\$1,999,243	University of South Florida Alternative Treatment Options for Veterans
H 04213	A	Appropriations Project	\$142,000	Desmond's Village
H 04215	A	Appropriations Project	\$88,500	Summer Youth Employment Program
H 04217	A	Appropriations Project	\$499,999	Community Based Connections
H 04219	A	Appropriations Project	\$150,000	Save Our Boys (SOBI) Center for Male Youth Development
H 04221	A	Appropriations Project	\$200,000	YMCA Youth in Government
H 04223	A	Appropriations Project	\$100,000	Pembroke Park Community Garden Facilities ADA Pathway & Lighting Project
H 04225	A	Appropriations Project	\$2,500,000	Pembroke Park Septic to Sewer Systems Improvements
H 04227	A	Appropriations Project	\$83,869	Suwannee Water & Sewer District - Backhoe Tractor Replacement
H 04229	A	Appropriations Project	\$111,880	Entire State of Florida: Developing and Securing Corporate Support for the State Science and Engineering Fair of Florida
H 04231	A	Appropriations Project	\$434,319	Housing First for Homeless Persons with Mental Illness
H 04233	A	Appropriations Project	\$500,000	The Camillus House Human Trafficking Recovery (Phoenix) Program
H 04235	A	Appropriations Project	\$1,500,000	Town of Pembroke Park County Line Road Safety Improvements
H 04237	A	Appropriations Project	\$450,000	Hallandale Beach Pedestrian/Student Safety Mobility Improvements
H 04239	A	Appropriations Project	\$685,592	City of Miramar - Southcentral/Southeast Focal Point Senior Center
H 04241	A	Appropriations Project	\$355,000	Feeding Tampa Bay Engage & Empower
H 04243	A	Appropriations Project	\$300,000	Tampa Bay Innovation Center - FinTech Accelerator
H 04245	A	Appropriations Project	\$200,000	Florida Swims: Swimming Lessons
H 04247	A	Appropriations Project	\$23,855,236	Academic Medical Center Directed Payments
H 04249	A	Appropriations Project	\$994,152	The Florida Network's Stop Now and Plan (SNAP) for Child Welfare
H 04251	A	Appropriations Project	\$650,000	Melbourne Eau Gallie River Dam Replacement
H 04253	A	Appropriations Project	\$950,000	Melbourne Hickory Street Drainage Improvements
H 04255	A	Appropriations Project	\$380,000	Melbourne Septic to Sewer Infrastructure Project
H 04257	A	Appropriations Project	\$327,494	Cape Canaveral Lighthouse Keeper's Cottage - Education Center
H 04259	A	Appropriations Project	\$1,000,000	Sarasota County Agricultural Fair Association
H 04261	A	Appropriations Project	\$828,007	First Step of Sarasota - The See Something, Say Something Project
H 04263	A	Appropriations Project	\$2,300,000	LiFT Academy/University Transition Program - New Campus

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 04265	A	Appropriations Project	\$80,000	North River Fire District Port Security Emergency Response Vessel
H 04267	A	Appropriations Project	\$206,000	Rainbow Intergenerational Child Learning Center
H 04269	A	Appropriations Project	\$675,000	Orange County Lake Gandy Water Quality Improvement Project
H 04271	A	Appropriations Project	\$2,720,000	Saint Leo University - Robotics Bachelor's Degree and Micro-credentials Program
H 04273	A	Appropriations Project	\$131,180	Educational Consultants Consortium Summer Youth Employment and Academic Slide Prevention Program
H 04275	A	Appropriations Project	\$1,500,000	Winter Park Temple Drive Drainage Project
H 04277	A	Appropriations Project	\$40,000	The LGBT+ Center Orlando - Mental Health Counseling
H 04279	A	Appropriations Project	\$574,188	Preparing Eatonville's Children for 21st Century Global Economy: The ZORA! STEM Initiative: A Vision for Preserving a Community & a Model for Other Low Socio-economic Communities in the State of Florida
H 04281	A	Appropriations Project	\$606,320	Operation Empowered Parent
H 04283	A	Appropriations Project	\$150,000	Joshua's House Bilingual Behavioral, Technical and Academic Special
H 04285	A	Appropriations Project	\$115,000	Florida Chiropractic Society Drug Free Alternatives for Pain Treatment
H 04287	A	Appropriations Project	\$7,120,000	City of Opa-Locka Police Station/Crime Prevention Technologies
H 04289	A	Appropriations Project	\$3,000,000	Pasco County Event Center
H 04291	A	Appropriations Project	\$500,000	Mount Olive Development Corporation - Senior Connection Senior Center Redevelopment
H 04293	A	Appropriations Project	\$250,000	City of Opa-locka - Senior Programming
H 04295	A	Appropriations Project	\$500,000	Excelling Eagles After School Assistance Program
H 04297	A	Appropriations Project	\$389,400	Change Everything Initiative - The Florida Opioid Crisis Pilot Project
H 04299	A	Appropriations Project	\$300,000	Park Place Behavioral Health - Pilot Emergency Department Diversion Project
H 04301	A	Appropriations Project	\$500,000	The Transition House - Homeless Veterans Program
H 04303	A	Appropriations Project	\$1,000,000	Memorial Healthcare - Medication Assisted Treatment - Community Expansion (MAT-CE)
H 04305	A	Appropriations Project	\$185,050	Li'l Abner Foundation Sports and Educational Programs
H 04307	A	Appropriations Project	\$864,190	Jacksonville Pre-Trial Release Pilot Program
H 04309	A	Appropriations Project	\$556,809	Nemours Foundation Daily Identification of Symptoms in Youth (DAISY): Creating a Tool for Use in Pediatric Patients with Eosinophilic Esophagitis
H 04311	A	Appropriations Project	\$750,000	Children's Community Action Team

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 04313	A	Appropriations Project	\$300,000	Charlotte County Firefighter Decontamination Equipment
H 04315	A	Appropriations Project	\$2,000,000	Charlotte County Countryman Ackerman Septic-to-Sewer
H 04317	A	Appropriations Project	\$1,000,000	Punta Gorda Boca Grande Area Water Quality Improvements
H 04319	A	Appropriations Project	\$1,500,000	Peace River Regional Reservoir No. 3
H 04321	A	Appropriations Project	\$1,950,000	Punta Gorda Airport Taxiway "E" Extension and General Aviation Ramp
H 04323	A	Appropriations Project	\$375,000	Self Reliance - Home Modification for Elders Program
H 04325	A	Appropriations Project	\$1,125,000	St. Joseph's Children's Hospital Chronic-Complex Clinic
H 04327	A	Appropriations Project	\$1,500,000	Suncoast Humane Society Capital Campaign
H 04329	A	Appropriations Project	\$250,000	Edward Waters College Pre-College Academy (Summer Bridge)
H 04331	A	Appropriations Project	\$1,500,000	Edward Waters College - Online Degree Program
H 04333	A	Appropriations Project	\$320,000	The Florida Center for Early Childhood - Early Childhood Court
H 04335	A	Appropriations Project	\$600,000	The JFCS of the Suncoast's HOPE (Health, Opportunity, Prevention, Early Intervention) Program
H 04337	A	Appropriations Project	\$650,000	Family Support Services of North Florida - Services to At-Risk Youth
H 04339	A	Appropriations Project	\$975,000	One More Child Anti-Sex Trafficking
H 04341	A	Appropriations Project	\$945,000	Child Sex Trafficking Advocacy and Education
H 04343	A	Appropriations Project	\$1,000,000	Behavioral Health Hospital and Outpatient Centers at Lakeland
H 04345	A	Appropriations Project	\$200,000	Exchange Club Parent Aide Child Abuse Prevention Services for Martin and St. Lucie Counties
H 04347	A	Appropriations Project	\$1,000,000	Preservation of Naturally Occurring Affordable Housing
H 04349	A	Appropriations Project	\$6,613,000	Focused Ultrasound Neuroscience Research Institute (FUNRI)
H 04351	A	Appropriations Project	\$1,200,000	Women of Tomorrow Mentor & Scholarship Program
H 04353	A	Appropriations Project	\$850,000	City of Deerfield Beach Preschool Redevelopment
H 04355	A	Appropriations Project	\$900,000	Florida FIRST Robotics Team Grant
H 04357	A	Appropriations Project	\$41,100	Foundation for Healthy Hispanic Families Community Health Improvement Project
H 04359	A	Appropriations Project	\$458,632	Partners in Wellbeing: Closing the Gaps in Unincorporated Hillsborough
H 04361	A	Appropriations Project	\$275,000	General Operating Support for Local Educational, Arts, and Cultural Television Program Production and Distribution.
H 04363	A	Appropriations Project	\$252,200	Community, School and Home Youth Wrap-Around Program

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 04365	A	Appropriations Project	\$500,000	Tampa CDC Career Academy
H 04367	A	Appropriations Project	\$6,350,000	Center for Commerce, Education & Culture
H 04369	A	Appropriations Project	\$10,000	Merritt Island High School StangStation
H 04371	A	Appropriations Project	\$150,000	Astronaut High School Welding Lab Equipment
H 04373	A	Appropriations Project	\$2,000,000	Scripps Research Molecular Imaging Center
H 04375	A	Appropriations Project	\$288,000	Studio 18 in the Pines Artist Village AC System Replacement
H 04377	A	Appropriations Project	\$200,000	Collier Community Abstinence Program (CCAP)
H 04379	A	Appropriations Project	\$50,000	Northwest Florida State College Service Dogs for Veterans
H 04381	A	Appropriations Project	\$950,000	One More Child - Single Moms Program
H 04383	A	Appropriations Project	\$500,000	City-Wide Facilities ADA Assessment Project - Lauderdale Lakes
H 04385	A	Appropriations Project	\$1,250,000	Permanent Supportive Housing - CASL (Renaissance Manor)
H 04387	A	Appropriations Project	\$66,700	Lauderdale Lakes Youth Council Program
H 04389	A	Appropriations Project	\$1,020,000	Fort Pierce Utilities Authority Low Income Septic to Sewer Conversion
H 04391	A	Appropriations Project	\$193,669	Invicta Institute of Intelligence
H 04393	A	Appropriations Project	\$135,000	PARC - Discovery Learning Center Transportation Services
H 04395	A	Appropriations Project	\$345,875	Miramar Supervisory Control and Data Acquisition (SCADA) System Cybersecurity Improvements Project
H 04397	A	Appropriations Project	\$353,649	Hallandale Beach After School Enrichment Program
H 04399	A	Appropriations Project	\$200,000	City of West Park Youth Crime Prevention
H 04401	A	Appropriations Project	\$300,000	Neighborhood Traffic Calming Plan - Phase I
H 04403	A	Appropriations Project	\$250,000	City of West Park - Senior Programming
H 04405	A	Appropriations Project	\$250,000	City Parks & Cultural Facilities Development
H 04407	A	Appropriations Project	\$250,000	Project SEEDS
H 04409	A	Appropriations Project	\$450,000	Veterans Alternative Accelerated Wellness Program
H 04411	A	Appropriations Project	\$500,000	Prodigy Cultural Arts Program
H 04413	A	Appropriations Project	\$2,000,000	Pasco County Housing Authority Veterans and Mental Illness Housing Community
H 04415	A	Appropriations Project	\$2,000,000	Pasco-Hernando State College - Funds for the Instructional and Performance Arts Center (IPAC) and General College Operations

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 04417	A	Appropriations Project	\$599,600	University of Central Florida - Florida Center For Nursing
H 04419	A	Appropriations Project	\$500,000	Youth and Family Alternatives - Collaborative Case Management Facility
H 04421	A	Appropriations Project	\$805,418	First Hug Program - Pasco and Pinellas County
H 04423	A	Appropriations Project	\$500,000	New Port Richey 2019 Beach Street Stormwater Drainage Improvements
H 04425	A	Appropriations Project	\$1,800,000	Cotee River Trail
H 04427	A	Appropriations Project	\$900,000	K9 Partners for Patriots - Training Facility
H 04429	A	Appropriations Project	\$1,021,726	Extended-Release Injectable Naltrexone Program
H 04431	A	Appropriations Project	\$466,807	Sundari Foundation - The Lotus House Women's Shelter
H 04433	A	Appropriations Project	\$100,000	Voices for Children - The Normalcy Needs Program
H 04435	A	Appropriations Project	\$2,925,000	The City of Pembroke Pines Pembroke road Extensions 196 Ave. to US 27 Project
H 04437	A	Appropriations Project	\$500,820	A Vision of Redemption, Inc. - Hope Program
H 04439	A	Appropriations Project/CS	\$276,584	Austin Hepburn Senior Mini Center - City of Hallandale Beach
H 04441	A	Appropriations Project	\$650,000	Davie Fire Rescue Ladder Truck
H 04443	A	Appropriations Project	\$650,000	First Tee (CHAMP) Comprehensive Health and Mentoring Program for At Risk and Developmentally Disabled Students and Young Adults
H 04445	A	Appropriations Project	\$100,000	Drug Free America Foundation - Substance Abuse Prevention Summit
H 04447	A	Appropriations Project	\$750,000	Florida Debate Initiative
H 04449	A	Appropriations Project	\$800,000	Foster Parent Recruitment and Stability Project
H 04451	A	Appropriations Project	\$150,000	The Guatemalan Maya Center - The All County Community Empowerment Project
H 04453	A	Appropriations Project	\$735,600	Her Song Jacksonville - Housing and Services for Victims of Human Trafficking
H 04455	A	Appropriations Project	\$500,000	Florida Recovery Schools
H 04457	A	Appropriations Project	\$950,000	Manatee Schools STEM Career Pathways Pilot
H 04459	A	Appropriations Project	\$292,000	City of Hialeah Gardens - Elder Meals Program
H 04461	A	Appropriations Project	\$424,418	Miami Learning Experience School Adult Program
H 04463	A	Appropriations Project	\$1,000,000	The Overtown Youth Center
H 04465	A	Appropriations Project	\$1,000,000	Robert Parker Foundation - ''0906 Officer Out of Service'' Initiative
H 04467	A	Appropriations Project	\$134,624	Find Your Beat! Performing Arts Series
H 04469	A	Appropriations Project	\$210,184	Breaking the Barriers - Tony's Tribe

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 04471	A	Appropriations Project	\$199,498	Basile Behavioral Services - Clubhouse Services for People with Mental Illness
H 04473	A	Appropriations Project	\$59,702	The Magic of Music and Learning
H 04475	A	Appropriations Project	\$50,000	DCS Mentoring Program, Inc.
H 04477	A	Appropriations Project	\$2,000,000	MCR Health Hospital Diversion
H 04479	A	Appropriations Project	\$700,000	MCR Health Maternal Fetal Medicine
H 04481	A	Appropriations Project	\$3,000,000	Florida Goodwill Association
H 04483	A	Appropriations Project	\$150,000	City of West Park - Mental Health Initiative
H 04485	A	Appropriations Project	\$400,000	The Boys and Girls Clubs of Martin County - Flagship Stuart Facility with Innovative Workforce Labs
H 04487	A	Appropriations Project	\$1,000,000	Rural Routes: Family Strengthening in Rural Environments
H 04489	A	Appropriations Project	\$2,691,043	Help Me Grow Florida
H 04491	A	Appropriations Project	\$400,000	Cuban Studies Institute - Professional and Economic Counseling
H 04493	A	Appropriations Project	\$800,000	City of Hialeah Gardens - Therapy Pool for the Physically Challenged
H 04495	A	Appropriations Project	\$670,223	School Bond Issuance Data Base
H 04497	A	Appropriations Project	\$200,000	FSU College of Law Public Interest Law Center: Veterans Legal Assistance Incubator
H 04499	A	Appropriations Project	\$2,900,000	City of Hialeah Educational Academy
H 04501	A	Appropriations Project	\$1,400,000	City of Hialeah - Elder Meals Program
H 04503	A	Appropriations Project	\$3,600,000	Hillsborough County Short Term Residential Treatment Facility
H 04505	A	Appropriations Project	\$330,000	Tampa Police Department Bomb Squad Response Vehicle
H 04507	A	Appropriations Project	\$5,844,000	Equifax Workforce Solutions - Automated Employment and Income
H 04509	A	Appropriations Project	\$626,240	Get on the Bus for Kindergarten Readiness
H 04511	A	Appropriations Project	\$1,550,000	AMIkids Career and Job Placement
H 04513	A	Appropriations Project	\$850,000	AMIkids Academic Enrichment Program
H 04515	A	Appropriations Project	\$24,900	The Dress for Success Tampa Bay Moving Forward Program
H 04517	A	Appropriations Project	\$250,000	Winthrop Mobile Arts Factory
H 04519	A	Appropriations Project	\$500,000	Orange County Community Revitalization
H 04521	A	Appropriations Project	\$220,000	New Image Youth Center
H 04523	A	Appropriations Project	\$456,000	United Foundation of Central Florida, Inc.

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 04525	A	Appropriations Project	\$308,893	First Star Central Florida Academy
H 04527	A	Appropriations Project	\$250,000	University of Central Florida Urban Teaching Initiative
H 04529	A	Appropriations Project	\$350,000	Exploration of Culture and Humanities Options
H 04531	A	Appropriations Project	\$2,070,980	Longboat Key - Smart City Implementation
H 04533	A	Appropriations Project	\$5,000,000	Cyber Florida - Local Government Training and Technical Assistance
H 04535	A	Appropriations Project	\$340,000	Florida Agricultural and Mechanical University - Mandarin Institute
H 04537	A	Appropriations Project	\$71,145	Orlando Police Department - Rapid Access Security Containers (Safes)
H 04539	A	Appropriations Project	\$750,000	Mid-County Hurricane Evacuation Shelter - Sarasota County
H 04541	A	Appropriations Project	\$1,050,000	Heart Gallery of Florida - Child Finder
H 04543	A	Appropriations Project	\$500,000	The Lifetime Counseling Center - First Responders Mental Health Crisis Intervention and Training
H 04545	A	Appropriations Project	\$562,000	Miami-Dade County Homeless Trust - Bridge Housing for Specialized Outreach
H 04547	A	Appropriations Project	\$200,500	Miami Bridge Youth and Family Services - Host Homes for Homeless Youth Program
H 04549	A	Appropriations Project	\$4,000,000	Miami Center for Mental Health and Recovery
H 04551	A	Appropriations Project	\$200,000	Surfside Turnkey Solar Power System
H 04553	A	Appropriations Project	\$7,200,000	Florida State University - Veteran's Legacy Complex Phase 1
H 04555	A	Appropriations Project	\$165,000	Single Point of Entry Main Office Relocation, Construction & School Safety Improvements
H 04557	A	Appropriations Project	\$688,313	Tallahassee Workforce Development Program
H 04559	A	Appropriations Project	\$545,000	Central Florida Mobile STEM Lab
H 04561	A	Appropriations Project	\$350,000	Project LIFT - Behavioral Health Services
H 04563	A	Appropriations Project	\$3,000,000	Osceola County and City of St. Cloud Innovative Training Center
H 04565	A	Appropriations Project	\$463,448	Gadsden County Sheriff - Child Protection Investigations
H 04567	A	Appropriations Project	\$475,000	Florida Youth Leadership, Mentoring and Character Education Pilot
H 04569	A	Appropriations Project	\$500,000	Jackson House Preservation
H 04571	A	Appropriations Project	\$750,000	The Poverty Program Initiative
H 04573	A	Appropriations Project	\$75,000	Empowered Parent Program
H 04575	A	Appropriations Project	\$250,000	COACH Youth Empowerment Program (YEP)
H 04577	A	Appropriations Project	\$17,262	Academic Tourney

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 04579	A	Appropriations Project	\$155,500	Alpha & Omega Freedom Ministries - Hannah's House Domestic Violence Shelter and Homeless Women and Children's Complex
H 04581	A	Appropriations Project	\$781,147	DeSoto County Debt Offset
H 04583	A	Appropriations Project	\$980,000	City of Mascotte Public Safety and Public Service Regional Facility
H 04585	A	Appropriations Project	\$300,000	Lake HVAC Initiative: A Workforce Partnership
H 04587	A	Appropriations Project	\$25,000	Conductive Education Center of Orlando - Student Technology
H 04589	A	Appropriations Project	\$189,313	Groveland Train Depot
H 04591	A	Appropriations Project	\$2,000,000	Miami-Dade County Anti-Violence Initiative (AVI)
H 04593	A	Appropriations Project	\$1,000,000	Bay Parkway Phase 1 & 2 Full Build Out (addition of 2 more travel lanes)
H 04595	A	Appropriations Project	\$322,050	The Family Blessing Community Project
H 04597	A	Appropriations Project	\$1,000,000	NAMI Hernando - The Beautiful Mind Center
H 04599	A	Appropriations Project	\$1,700,000	Hernando County Schools - Ethernet Network Expansion
H 04601	A	Appropriations Project	\$379,353	Metropolitan Ministries - The Miracles for Pasco Program
H 04603	A	Appropriations Project	\$1,800,000	Florida's Early Childhood Courts - Clinical Funding
H 04605	A	Appropriations Project	\$600,000	Miami-Dade County Electric Automated Side Loading Garbage Truck
H 04607	A	Appropriations Project	\$300,000	Alzheimer's Association Brain Bus
H 04609	A	Appropriations Project	\$180,000	Riley Research Center - Defenders of Democracy
H 04611	A	Appropriations Project	\$967,732	Nova Southeastern University Pediatric Feeding Disorders Clinic at the Mailman Segal Center
H 04613	A	Appropriations Project	\$200,000	City of Sunrise - Facilities for Senior, Veteran, and Children's Programs
H 04615	A	Appropriations Project	\$1,400,000	Coral Springs City Drainage Infrastructure
H 04617	A	Appropriations Project	\$2,000,000	Plantation Central Park Administration Gymnasium and Activity Center
H 04619	A	Appropriations Project	\$150,000	Sunrise Bicycle & Pedestrian Greenways and Trails Master Plan Update
H 04621	A	Appropriations Project	\$600,000	Tamarac C-14 Canal Stormwater & Environmental Drainage Improvements
H 04623	A	Appropriations Project	\$2,500,000	Coral Springs - Westside Facility Hardening Project
H 04625	A	Appropriations Project	\$5,000,000	Community Hope Center - Service Center
H 04627	A	Appropriations Project	\$600,000	Kissimmee Hill Street Drainage Project
H 04629	A	Appropriations Project	\$3,500,000	The Evangelical Lutheran Good Samaritan Society - Kissimmee Wastewater
H 04631	A	Appropriations Project	\$500,000	Australian Business Park and Southern and Northeast Industrial Area Road Project

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 04633	A	Appropriations Project	\$350,000	Riviera Beach Early Learning to Kindergarten Project - Year 3
H 04635	A	Appropriations Project	\$1,250,000	John F. Kennedy Bunker & Cuban Missile Crisis Educational Exhibit
H 04637	A	Appropriations Project	\$601,285	Expanding the Reach
H 04639	A	Appropriations Project	\$237,000	City of Riviera Beach Youth Empowerment Program
H 04641	A	Appropriations Project	\$300,000	Riviera Beach Firefighter Cancer Reduction Plan
H 04643	A	Appropriations Project	\$5,000,000	Broward County Sheriff's Office Real Time Crime Center Expansion to Joint Regional Fusion Center
H 04645	A	Appropriations Project	\$500,000	RESTORE Ex Offender Reentry
H 04647	A	Appropriations Project	\$3,047,710	Broward County Sheriff's Office - Cold Cases and Property Crime Backlog Reduction
H 04649	A	Appropriations Project	\$1,300,000	Gainesville Opportunity Center
H 04651	A	Appropriations Project	\$250,000	UF/IFAS - Fishing for Success
H 04653	A	Appropriations Project	\$250,000	City of Gainesville Mental Health and Substance Abuse Central Receiving System of Care
H 04655	A	Appropriations Project	\$2,400,000	Thelma Gibson Health Initiative - Intergenerational Senior Apartments
H 04657	A	Appropriations Project	\$790,000	Multi-Purpose Community Center
H 04659	A	Appropriations Project	\$394,000	The Village South Women's and Children's Campus Improvement Project
H 04661	A	Appropriations Project	\$983,888	Easterseals Vocational Training and Education for Adults with Disabilities
H 04663	A	Appropriations Project	\$900,000	Washington County Twin Pond Road Paving Project
H 04665	A	Appropriations Project	\$4,500,000	Jackson County Tri-Ancillary Facility
H 04667	A	Appropriations Project	\$6,000,000	Marianna K-8 Furnishings and Equipment
H 04669	A	Appropriations Project	\$4,239,195	Washington County River Road Project
H 04671	A	Appropriations Project	\$2,050,000	Washington County Emergency Communications Capabilities Improvement
H 04673	A	Appropriations Project	\$1,052,928	Washington County Crystal Lake Stormwater Improvements
H 04675	A	Appropriations Project	\$250,000	Jackson County - Consolidated Government Complex Design
H 04677	A	Appropriations Project	\$4,000,000	Jackson County - Economic Development Infrastructure Road Funds
H 04679	A	Appropriations Project	\$750,000	Transportation Disadvantaged Ambulance - Jackson County
H 04681	A	Appropriations Project	\$989,712	Jackson Hospital - Clinic Emergency Generators
H 04683	A	Appropriations Project	\$350,000	Chipola College - Hurricane Michael Recovery - Gap Funding
H 04685	A	Appropriations Project	\$60,000,000	Northwest Florida Regional Hurricane Evacuation Shelter and Commerce Center

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 04687	A	Appropriations Project	\$1,604,381	Hartford Boulevard Paving Improvements - Washington County
H 04689	A	Appropriations Project	\$650,000	Graceville Stormwater Repair
H 04691	A	Appropriations Project	\$586,000	Vernon Wastewater Treatment Plant Improvements
H 04693	A	Appropriations Project	\$550,000	Jacob City Hall
H 04695	A	Appropriations Project	\$350,000	Town of Wausau - Possum Palace Improvements Phase II
H 04697	A	Appropriations Project	\$2,000,000	Chipola College - Hurricane Michael Recovery Roof Improvements
H 04699	A	Appropriations Project	\$600,000	The Jacob City Community Center
H 04701	A	Appropriations Project	\$1,750,000	Jacob Fire Station
H 04703	A	Appropriations Project	\$2,227,592	Orange County Public Schools Pine Castle Primary Learning Center - Full Day PreK 1-Year Pilot Program
H 04705	A	Appropriations Project	\$4,856,464	Safe Children Coalition
H 04707	A	Appropriations Project	\$1,728,000	Easterseals Southwest Florida Mental Wellness for Persons with Developmental Disabilities
H 04709	A	Appropriations Project	\$150,000	The NAMI Broward Reach and Teach for Mental Health Initiative
H 04711	A	Appropriations Project	\$2,725,716	Moving Beyond Maternal Depression
H 04713	A	Appropriations Project	\$2,362,000	Autonomous Transit AV Technology, Workforce and Economic Opportunity
H 04715	A	Appropriations Project	\$1,291,246	Gulf Coast State College - Tuition and Fee Revenue Loss Due to Hurricane Michael
H 04717	A	Appropriations Project	\$500,000	Hope Street Family Education Services
H 04719	A	Appropriations Project	\$500,000	Hope Street Diversion Program
H 04721	A	Appropriations Project	\$1,000,000	Hope Street Compassion Center Project
H 04723	A	Appropriations Project	\$302,125	Pinellas County Sheriff's Office - Eckerd College Search and Rescue (EC-SAR) Program
H 04725	A	Appropriations Project	\$2,000,000	Hillsborough Community College - Supply Chain Management and Logistics Program, Phase I
H 04727	A	Appropriations Project	\$500,000	Women's Sports Museum
H 04729	A	Appropriations Project	\$1,000,000	Plant City McIntosh Park Integrated Water Master Plan
H 04731	A	Appropriations Project	\$500,000	University of Florida Health Center for Psychiatry and Addiction
H 04733	A	Appropriations Project	\$1,129,637	Indian River County North Sebastian Septic to Sewer Phase 2
H 04735	A	Appropriations Project	\$703,920	Specialized Treatment Education and Prevention Services - Women's Level II Residential Treatment
H 04737	A	Appropriations Project	\$800,000	Transitional Crisis Services - Mental Health & Substance Abuse

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 04739	A	Appropriations Project	\$800,000	Orange County - Youth Mental Health Commission
H 04741	A	Appropriations Project	\$1,000,000	Workforce Pipeline Project - Matching Grant
H 04743	A	Appropriations Project	\$4,178,520	Nemours Children's Hospital - Specialty Children's Hospital Reimbursement Rate
H 04745	A	Appropriations Project	\$1,200,000	Nemours Children's Hospital - Improving Access to Pediatric Residency & Fellowship GME
H 04747	A	Appropriations Project	\$355,545	Career Readiness Center
H 04749	A	Appropriations Project	\$300,000	University of Florida - Jacksonville - Child Abuse Pediatrics Fellowship
H 04751	A	Appropriations Project	\$1,000,000	Palm Beach County - Glades Homeless Resource Center
H 04753	A	Appropriations Project	\$500,000	ARC of St. Johns Adult Day Training Center and Hurricane Special Needs Shelter
H 04755	A	Appropriations Project	\$1,000,000	Lincolntonville African American Museum and Cultural Center
H 04757	A	Appropriations Project	\$484,628	St. Augustine Lighthouse Tower Preservation
H 04759	A	Appropriations Project	\$3,000,000	Ponte Vedra Beach North Beach and Dune Restoration II
H 04761	A	Appropriations Project	\$4,750,000	Ponte Vedra SRA1A Corridor Intersection Improvements
H 04763	A	Appropriations Project	\$19,155,302	CR 2209 Extension - St. Johns County
H 04765	A	Appropriations Project	\$2,250,000	Panama City Fire Flow Enhancements to Historic Districts
H 04767	A	Appropriations Project	\$3,250,000	Panama City Remove and Relocate Sanitary Sewer Line from St. Andrews Bay
H 04769	A	Appropriations Project	\$2,000,000	Panama City Lift Station Replacement at Bay Medical Center
H 04771	A	Appropriations Project	\$1,500,000	Panama City Millville Waste Water Treatment Plant Relocation Assessment
H 04773	A	Appropriations Project	\$1,162,330	Panama City Goose Bayou Sewer and Water System Expansion
H 04775	A	Appropriations Project	\$310,380	Panama City Pretty Bayou Water System Expansion
H 04777	A	Appropriations Project	\$2,000,000	Lynn Haven Stormwater Improvements
H 04779	A	Appropriations Project	\$840,000	Lynn Haven Wastewater Treatment Plant Expansion
H 04781	A	Appropriations Project	\$625,000	Bay County Hurricane Michael Stormwater Facilities
H 04783	A	Appropriations Project	\$500,000	Northwest Florida Estuary Programs - St. Andrew/St. Joe Bays
H 04785	A	Appropriations Project	\$1,100,000	Bay County Wastewater Facilities - Hurricane Michael
H 04787	A	Appropriations Project	\$377,907	Mexico Beach Oleander Water Main Replacement
H 04789	A	Appropriations Project	\$977,629	Panama City Kings Bayou/Pretty Bayou Sewer and Water System Expansion Phase II
H 04791	A	Appropriations Project	\$149,628	PanCare School Telehealth

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 04793	A	Appropriations Project	\$4,000,000	Bay District Schools - Hurricane Michael Recovery FTE Loss Year 2
H 04795	A	Appropriations Project	\$618,000	Sacred Heart Bay Hospital Labor and Delivery Services
H 04797	A	Appropriations Project	\$850,000	AMikids Panama City Marine Institute - Juvenile Sex Trafficking Victim Response Team in Circuit 14
H 04799	A	Appropriations Project	\$915,000	Groveland Lower Floridan Well
H 04801	A	Appropriations Project	\$935,000	Groveland Wastewater Effluent Improvement
H 04803	A	Appropriations Project	\$325,000	Jewish Family and Community Services - Holocaust Survivor Support Services
H 04805	A	Appropriations Project	\$500,000	City of Winter Haven Enhanced Governmental Connectivity through High-Speed Fiber
H 04807	A	Appropriations Project	\$500,000	City of Winter Haven Dark Fiber Activation of the Industrial Development Zone
H 04809	A	Appropriations Project	\$250,000	Walkabouts Kinesthetic Learning Program
H 04811	A	Appropriations Project	\$250,000	Davenport Fire Department Fire Apparatus
H 04813	A	Appropriations Project	\$464,000	Lake Alfred Fire Department Fire Engine and Equipment
H 04815	A	Appropriations Project	\$200,000	City of Winter Haven Dr. Martin Luther King Jr. Park ADA Improvements
H 04817	A	Appropriations Project	\$5,000,000	Mote Marine Laboratory Critical Marine Habitat Restoration
H 04819	A	Appropriations Project	\$2,500,000	Florida Alliance of Boys & Girls Clubs - Opioid Prevention
H 04821	A	Appropriations Project	\$85,000	Lighthouse for the Blind - Collier
H 04823	A	Appropriations Project	\$235,028	YMCA State Alliance/YMCA Reads
H 04825	A	Appropriations Project	\$650,000	Marco Island Regional Maritime, Fire, EMS Training and Operations Facility
H 04827	A	Appropriations Project	\$75,000	Naples Senior Center Dementia Respite Support Program
H 04829	A	Appropriations Project	\$600,000	Collier County Cocohatchee River Critical Dredge Project
H 04831	A	Appropriations Project	\$300,000	Marco Island Nutrient Source Evaluation and Assessment Project
H 04833	A	Appropriations Project	\$5,000,000	Naples Gulf of Mexico Beach Stormwater Outfall Pipe Removal & Water Quality Project
H 04835	A	Appropriations Project	\$1,100,000	Naples Design of Phase 2 - Naples Bay Red Tide Septic Tank Mitigation Program
H 04837	A	Appropriations Project	\$750,000	Marco Island San Marco Road Tide Leveling/Flushing Improvements
H 04839	A	Appropriations Project	\$1,000,000	Goodland Drive Rehabilitation Project
H 04841	A	Appropriations Project	\$350,000	Town of Pembroke Park Town Hall Hardening Improvements
H 04843	A	Appropriations Project	\$150,000	DeHostos Senior Center Inc - Senior Meals and Activity
H 04845	A	Appropriations Project	\$227,000	Teen Safe Driving Education Program

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 04847	A	Appropriations Project	\$550,000	Tampa Bay Area - Anti-Human Trafficking Media Campaign
H 04849	A	Appropriations Project	\$113,115	League to Make a Difference For Our Youth
H 04851	A	Appropriations Project	\$250,000	Community Health of South Florida - Children's Crisis Center
H 04853	A	Appropriations Project	\$2,500,000	Brevard County Indian River Lagoon FL-518 Bridge Muck Removal
H 04855	A	Appropriations Project	\$313,500	Melbourne Village Dayton Bridge and Culvert Replacement
H 04857	A	Appropriations Project	\$500,000	Brevard County Next Generation Sewage & Biosolids Treatment Pilot Project
H 04859	A	Appropriations Project	\$450,000	Johns Hopkins All Children's Hospital Patient Academics Program
H 04861	A	Appropriations Project	\$850,000	Johns Hopkins All Children's Hospital - Pediatric Alternative to Opioid Treatment
H 04863	A	Appropriations Project	\$31,540	Leon County Sickle Cell Foundation Sickle Cell Disease Awareness
H 04865	A	Appropriations Project	\$550,000	Envision at Dre's Haven
H 04867	A	Appropriations Project	\$754,427	Gadsden County St. Hebron Park, Recreation and Multipurpose Complex
H 04869	A	Appropriations Project	\$2,000,000	Three Oaks Parkway Bridge and Culvert Crossing
H 04871	A	Appropriations Project	\$9,412,491	Florida SouthWestern State College - Building K, Lee Campus
H 04873	A	Appropriations Project	\$500,000	Restoration of the Sidney & Berne Davis Art Center - Phase 1 Exterior
H 04875	A	Appropriations Project	\$900,000	Home Builders Institute - Building Careers for Veterans
H 04877	A	Appropriations Project	\$5,000,000	Lehigh Acres Fire Station 106
H 04879	A	Appropriations Project	\$250,000	Charlotte County William R. Gaines, Jr. Veteran's Memorial Park Trail System
H 04881	A	Appropriations Project	\$250,000	Charlotte County William R. Gaines, Jr. Veteran's Memorial Park Playground and Sports Fields
H 04883	A	Appropriations Project	\$3,000,000	City of Cape Coral - Public Safety Firearm Training Facility
H 04885	A	Appropriations Project	\$1,500,000	Teach for America, Inc.
H 04887	A	Appropriations Project	\$500,000	Charlotte County William R. Gaines, Jr. Veteran's Memorial Park
H 04889	A	Appropriations Project	\$300,000	Ft. Myers Salvation Army Co-Occurring Residential Treatment Program
H 04891	A	Appropriations Project	\$505,000	Take My Life Back WORx® Pilot Program
H 04893	A	Appropriations Project	\$5,000,000	Mote Marine Laboratory STEM Education Teaching Laboratories
H 04895	A	Appropriations Project	\$150,000	Central Florida Zoo and Botanical Gardens Rainwater Harvesting
H 04897	A	Appropriations Project	\$100,000	Florida Schools to Farm Workforce Program
H 04899	A	Appropriations Project	\$93,000	Lawtey Dump Truck Replacement

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 04901	A	Appropriations Project	\$3,000,000	Northeast Florida Multi-Purpose Youth Sports Complex
H 04903	A	Appropriations Project	\$9,861,000	Union County Public Safety Complex
H 04905	A	Appropriations Project	\$500,000	Lawtey New Municipal Facility
H 04907	A	Appropriations Project	\$850,000	Historic Infrastructure Restoration and Downtown Redevelopment Plan
H 04909	A	Appropriations Project	\$500,000	The Transition House of Starke - Substance Abuse and Homeless Relief Program
H 04911	A	Appropriations Project	\$350,000	City of Green Cove Springs - Augusta Savage Social Services Complex
H 04913	A	Appropriations Project	\$200,000	Youth Crisis Center - Touchstone Village Clay
H 04915	A	Appropriations Project	\$500,000	Clay Behavioral Health--Crisis Prevention Team
H 04917	A	Appropriations Project	\$400,000	Union County Courthouse Security
H 04919	A	Appropriations Project	\$2,000,000	Operation New Hope, Inc. - Ready4Work - Statewide
H 04921	A	Appropriations Project	\$250,000	Clay County Youth Alternative to Secured Detention (S.W.E.A.T. Program)
H 04923	A	Appropriations Project	\$1,000,000	City of Hampton Sidewalk
H 04925	A	Appropriations Project	\$850,000	Bradford County Fire Rescue Main Station 40
H 04927	A	Appropriations Project	\$670,000	Putnam County School District Public Service Academy Year 2
H 04929	A	Appropriations Project	\$23,055,600	St. Johns River State College - Renovate/Remodel College-wide Infrastructure
H 04931	A	Appropriations Project	\$1,190,000	Keystone Airport Road Infrastructure
H 04933	A	Appropriations Project	\$1,500,000	Keystone Heights Traffic Signal Upgrade
H 04935	A	Appropriations Project	\$303,998	Challenge Enterprises of North Florida, Inc. - Club Challenge
H 04937	A	Appropriations Project	\$3,500,000	Clay County Fire Rescue Station Building
H 04939	A	Appropriations Project	\$600,000	Lake Butler Water Works Lift Station Replacement
H 04941	A	Appropriations Project	\$1,773,000	Lawtey Water Main Replacement
H 04943	A	Appropriations Project	\$1,750,000	Moccasin Slough Educational Center for Natural Resources
H 04945	A	Appropriations Project	\$319,000	RJE Gymnasium Addition
H 04947	A	Appropriations Project	\$800,000	Penney Farms Potable Water Update for Deteriorating Pipeline
H 04949	A	Appropriations Project	\$300,000	Green Cove Springs Public Safety and River Access Project
H 04951	A	Appropriations Project	\$3,403,800	Starke New Northside Water Treatment Plant
H 04953	A	Appropriations Project	\$1,500,000	Clay County Utility Authority Saratoga Springs Water Treatment Plant

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 04955	A	Appropriations Project	\$1,500,000	Clay County Utility Authority Water Resiliency Program North Middleburg Project
H 04957	A	Appropriations Project	\$1,452,000	CR 229 and NW 177th Avenue Sidewalk - Bradford County
H 04959	A	Appropriations Project	\$4,000,000	CR 220 Capacity Improvements
H 04961	A	Appropriations Project	\$740,654	Food for Their Bellies, Books for Their Brains
H 04963	A	Appropriations Project	\$1,783,906	Palatka Septic to Sewer Conversion Initiative
H 04965	A	Appropriations Project	\$3,500,000	Palatka Wastewater Treatment Plant Biosolids Treatment System
H 04967	A	Appropriations Project	\$795,000	Florida Agricultural Museum's Old Florida School Tour Complex
H 04969	A	Appropriations Project	\$1,500,000	Palatka Drinking Water Infrastructure Improvements
H 04971	A	Appropriations Project	\$1,000,000	Putnam County East Putnam Drainage and Flooding Mitigation
H 04973	A	Appropriations Project	\$5,000,000	Putnam County Public Safety Radio System Infrastructure - Subscriber Upgrade
H 04975	A	Appropriations Project	\$3,700,000	Flagler County Emergency Operations Center Hardening and Enhancements
H 04977	A	Appropriations Project	\$7,500,000	Flagler County Sanitary Sewer Collection System for the Barrier Island North (Marineland to the Hammock Dunes Bridge)
H 04979	A	Appropriations Project	\$750,000	Flagler County West Flooding and Environmental Mitigation Water Control Project Phase I
H 04981	A	Appropriations Project	\$2,256,759	Hegener Drive Extension Tradition Center for Commerce
H 04983	A	Appropriations Project	\$265,867	Aerial Photography
H 04985	A	Appropriations Project	\$700,000	Glades County E-911 Public Safety Facility
H 04987	A	Appropriations Project	\$1,000,000	Miami Palmetto Senior High School Athletic Field
H 04989	A	Appropriations Project	\$750,000	Project LifeTown Workforce Training
H 04991	A	Appropriations Project	\$300,000	Santiago & Friends North Brevard
H 04993	A	Appropriations Project	\$500,000	Conservation Florida
H 04995	A	Appropriations Project	\$540,000	DREAM Academy & STEM Saturdays
H 04997	A	Appropriations Project	\$1,800,000	Bascom Farms/Sturgeon Aquafarms
H 04999	A	Appropriations Project	\$5,955,636	Statewide Sea Level Tracking Program
*H 05001	A	General Bill	\$93,215,530,723	General Appropriations Act
H 06059	A	General Bill/CS	\$229,584	Specialty Hospitals
*H 06501	C	Claims/Local Bill/CS	\$4,500,000	Relief/Dontrell Stephens/Palm Beach County Sheriff's Office
H 06503	C	Claims/Local Bill	\$7,500,000	Relief/Rafael Rodriguez/Hendry County Hospital Authority
H 06505	A	Claims/General Bill	\$10,000,000	Relief/Descendants of Victims of the 1920 Ocoee Election Day Riots/State of Florida

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 06507	A/C	Claims/General Bill/CS	\$2,150,000	Relief/Clifford Williams/State of Florida
H 06509	A/C	Claims/General Bill	\$10,000,000	Relief/Former Employees of Fairfax Street Wood Treaters/State of Florida
H 06511	A/C	Claims/General Bill	\$1,900,000	Relief/Barney Brown/State of Florida
H 06513	C	Claims/Local Bill	\$3,500,000	Relief/Kareem Hawari/Osceola County School Board
H 06515	A/C	Claims/General Bill	\$1,197,651	Relief/Scotty Bartek/State of Florida
H 06517	A/C	Claims/General Bill/CS	\$9,000,000	Relief/Christeia Jones, Logan Grant, Denard Maybin, Jr., and Lanard Maybin/Department of Highway Safety and Motor Vehicles
H 06519	C	Claims/Local Bill/CS	\$1,507,364	Relief/Marcus Button/Pasco County School Board
H 06523	A/C	Claims/General Bill	\$720,000	Relief/Clemente Aguirre-Jarquín/State of Florida
H 07053	A	General Bill/CS	\$789,297	Direct Care
H 07059	A	General Bill/CS	\$209,929	Jurisdiction of Appellate Courts
H 07063	A	General Bill/CS	\$208,000	Child Welfare
H 07069	A	General Bill/CS	\$3,000,000	Local Government Reporting
*H 07097	A	General Bill/CS	\$311,000	Taxation
H 09001	A	Appropriations Project	\$2,900,000	Baker County Council on Aging Inc. - Social Service/Senior Center
H 09003	A	Appropriations Project	\$250,000	Inmar Government Services - Disaster Supplemental Nutrition Assistance Program Mobile Technology Pilot
H 09005	A	Appropriations Project	\$2,430,000	Enhancing the Next Generation Agriculture Program
H 09007	A	Appropriations Project	\$2,500,000	Flagler Health - Central Receiving System of St Johns and Flagler Counties
H 09009	A	Appropriations Project	\$600,000	Omega Lamplighters At-Risk Mentorship Program
H 09011	A	Appropriations Project	\$9,000,000	Cape Coral Reservoir and Pipeline Project
H 09013	A	Appropriations Project	\$2,500,000	Burnt Store Road South Segment
H 09015	A	Appropriations Project	\$5,000,000	Cape Coral North Wellfield Expansion
H 09017	A	Appropriations Project	\$1,500,000	Centennial Park Upgrades for Children with Unique Abilities - Fort Myers
H 09019	A	Appropriations Project	\$401,660	Family Initiative SWFL Autism Project for Community and Clinical Support
H 09021	A	Appropriations Project	\$9,000,000	Cape Coral Caloosahatchee Reclaimed Water Transmission Line
H 09023	A	Appropriations Project	\$650,000	Cape Coral Sirenia Vista Park
H 09025	A	Appropriations Project	\$5,800,000	Lee County Sanibel Causeway Shoreline Stabilization
H 09027	A	Appropriations Project	\$1,754,000	UF/IFAS Algal Bloom Research & Mitigation
H 09029	A	Appropriations Project	\$750,000	Fort Myers Midtown Urban Infill Development Water Quality Planning Initiative
H 09031	A	Appropriations Project	\$1,575,000	Fort Myers Billy's Creek Restoration Final Phase
H 09033	A	Appropriations Project	\$2,000,000	City of Fort Myers Recreation Facility Expansion

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 09035	A	Appropriations Project	\$4,125,000	Fort Myers At-Risk Neighborhood Infrastructure Improvements/Citywide Septic Tank Abandonment
H 09037	A	Appropriations Project	\$500,000	Tallahassee Jewish Community, Inc. Safety Initiative
H 09039	A	Appropriations Project	\$500,000	The Florida Network of Children's Advocacy Centers, Inc.
H 09041	A	Appropriations Project	\$2,000,000	Estero River Public Access Project
H 09043	A	Appropriations Project	\$750,000	Inclusive Transition and Employment Management (ITEM) Program
H 09045	A	Appropriations Project	\$500,000	Marino Virtual Campus (MVC)
H 09047	A	Appropriations Project	\$5,000,000	UF Health Alzheimer's and Dementia Research
H 09049	A	Appropriations Project	\$1,000,000	Advancement Via Individual Determination (AVID)
H 09051	A	Appropriations Project	\$500,000	Fort Myers Beach Estero Boulevard Water Improvements
H 09053	A	Appropriations Project	\$500,000	Fort Myers Beach Stormwater Outfall Improvements
H 09055	A	Appropriations Project	\$750,000	Bonita Imperial Bonita Estates (IBE)/Quinn/Downs/Dean Street Drainage Project
H 09057	A	Appropriations Project	\$3,000,000	Sanibel Donax Water Reclamation Facility Process Improvements
H 09059	A	Appropriations Project	\$250,000	City of Cape Coral - Real-Time Crime Center
H 09061	A	Appropriations Project	\$300,000	Good Wheels - Medical Trips for the Disadvantaged
H 09063	A	Appropriations Project	\$7,200,000	Corkscrew Road Capacity and Safety Improvements
H 09065	A	Appropriations Project	\$1,500,000	Playground Equipment for Disabled Children at Centennial Park
H 09067	A	Appropriations Project	\$13,500,000	STARS Complex Expansion - Fort Myers
H 09069	A	Appropriations Project	\$1,750,000	Miami Fire Rescue Life-Saving EKG/Defibrillator Monitor Replacements
H 09071	A	Appropriations Project	\$300,000	William "Bill" McGill Youth Empowerment Center
H 09073	A	Appropriations Project	\$300,000	Tech Sassy Girlz
H 09075	A	Appropriations Project	\$250,000	Need to Read Children's Literacy Project
H 09077	A	Appropriations Project	\$105,500	Fresh Stop Bus
H 09079	A	Appropriations Project	\$3,000,000	Sankofa Black Cultural Tourism Enhancement
H 09081	A	Appropriations Project	\$2,000,000	New Beginnings High School Vocational Program
H 09083	A	Appropriations Project	\$100,000	Equal Shot - Leon County Youth Program
H 09085	A	Appropriations Project	\$500,000	University of North Florida - Florida Institute of Education (FIE): Florida Rural Early Learning Exchange Network

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 09087	A	Appropriations Project	\$735,000	Circles of Care - Baker Act CSU Beds
H 09089	A	Appropriations Project	\$1,700,000	Everglades Restoration Workforce Training Program
H 09091	A	Appropriations Project	\$2,000,000	South Miami Sunset Pedestrian Bridge Project - Phase 1
H 09093	A	Appropriations Project	\$1,050,000	University of Central Florida - UCF RESTORES PTSD Clinic
H 09095	A	Appropriations Project	\$595,031	Heart of Florida United Way Orlando United Assistance Center (Heart of FL Pulse) Project Clean Slate
H 09097	A	Appropriations Project	\$500,000	
H 09099	A	Appropriations Project	\$296,000	Miami-Dade County Fair Foundation, Inc. - STEAM Innovation Center
H 09101	A	Appropriations Project	\$500,000	City of Homestead: Breast Cancer Screening
H 09103	A	Appropriations Project	\$537,838	Black Professionals Network
H 09105	A	Appropriations Project	\$360,870	PIAG Museum - Art for the Community
H 09107	A	Appropriations Project	\$300,000	Miami-Dade County Landfill Grade Management System
H 09109	A	Appropriations Project	\$750,000	Calhoun County Affordable Workforce Housing
H 09111	A	Appropriations Project	\$750,000	Gulf County Affordable Workforce Housing
H 09113	A	Appropriations Project	\$350,000	Port of Port St. Joe Economic Development Impact Study
H 09115	A	Appropriations Project	\$580,000	Taylor County Fire Rescue Station
H 09117	A	Appropriations Project	\$100,000	Veterans Park - Gulf County
H 09119	A	Appropriations Project	\$285,000	Kinard Volunteer Fire Department Class A Engine
H 09121	A	Appropriations Project	\$215,917	Calhoun County Hurricane Michael Ad Valorem Tax Loss
H 09123	A	Appropriations Project	\$100,000	Low Income Pool - Tallahassee Memorial Healthcare At-Risk Mothers and Babies Program
H 09125	A	Appropriations Project	\$800,000	Graduate Medical Education - Tallahassee Memorial Hospital
H 09127	A	Appropriations Project	\$1,000,000	Franklin County Sheriff's Office - Bay City Wellness Center
H 09129	A	Appropriations Project	\$125,000	George Core Park Splash Pad
H 09131	A	Appropriations Project	\$472,305	Wakulla County Sheriff - Child Protection Investigations
H 09133	A	Appropriations Project	\$2,000,000	Gibsonton Boulevard - New East Bay Road to US 301
H 09135	A	Appropriations Project	\$250,000	University Area Community Development - STEPS for Success Program Expansion
H 09137	A	Appropriations Project	\$1,667,000	DNA Comprehensive Therapy Care Model
H 09139	A	Appropriations Project	\$5,000,000	Hillsborough County Septic to Sewer Program

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 09141	A	Appropriations Project	\$1,200,000	Florida Alliance for Healthy Communities - Opioid Addiction Training and Education Program
H 09143	A	Appropriations Project	\$172,720	Palm Bay Demolition of Historic Fire Station #1
H 09145	A	Appropriations Project	\$1,006,380	Palm Bay Septic to Sewer Facilitation Program
H 09147	A	Appropriations Project	\$200,000	FloridaMakes, Inc. - Florida Advanced Technical Education (FLATE) Center
H 09149	A	Appropriations Project	\$1,439,800	Opa-Locka Canal Improvement Project
H 09151	A	Appropriations Project	\$2,719,900	Opa-Locka Stormwater and Roadway Project
H 09153	A	Appropriations Project	\$2,816,000	Opa-Locka Wastewater System Improvement
H 09155	A	Appropriations Project	\$1,000,000	Carter G. Woodson African American Museum
H 09157	A	Appropriations Project	\$736,700	St. Petersburg College - Industrial Workforce Business Incubator
H 09159	A	Appropriations Project	\$257,700	We Love Books Mobile Literacy Program Expansion
H 09161	A	Appropriations Project	\$200,000	Disability Achievement Center - Safe Home Access for Seniors
H 09163	A	Appropriations Project	\$678,231	Area Agency on Aging of Pasco-Pinellas, Inc. - Medical/Social Partnerships Pilot Project
H 09165	A	Appropriations Project	\$1,650,000	Tampa Bay Water Starkey Wellfield Improvements
H 09167	A	Appropriations Project	\$250,000	Tampa Bay Water Cypress Bridge Wellfield Improvements
H 09169	A	Appropriations Project	\$131,000	Community STEM Training Center
H 09171	A	Appropriations Project	\$80,000	Lee County Artesian Well Abandonment Project
H 09173	A	Appropriations Project	\$200,000	African American History Task Force
H 09175	A	Appropriations Project	\$1,208,000	Temple Terrace Renovation of Irrigation System for Historic Golf Course
H 09177	A	Appropriations Project	\$2,000,000	The Bay Park - Sarasota, FL
H 09179	A	Appropriations Project	\$5,000,000	Lake Erie College of Osteopathic Medicine Clinic Based Health Service Outreach
H 09181	A	Appropriations Project	\$1,000,000	Wolfsons Children's Hospital Newborn Screening
H 09183	A	Appropriations Project	\$950,000	Disproportionate Share Hospital Fund - Tallahassee Memorial Hospital
H 09185	A	Appropriations Project	\$589,978	Calhoun County Sheriff Administrative Building Improvements
H 09187	A	Appropriations Project	\$500,000	Walton County School District - Innovation Center Empowering
H 09189	A	Appropriations Project	\$500,000	Choctawhatchee Bay Estuary Program Water Quality Monitoring
H 09191	A	Appropriations Project	\$3,500,000	Hewitt Bayou Connector
H 09193	A	Appropriations Project	\$7,400,013	Walton County Drainage and Stormwater Improvements on County Road 30A

HOUSE APPROPRIATION AND CLAIM BILLS - INTRODUCED

BILL NO.	MONEY TYPE	BILL TYPE	MONEY AMOUNT	MINI-TITLE
H 09195	A	Appropriations Project	\$1,653,015	CR 280A Connector Road - Walton County
H 09197	A	Appropriations Project	\$1,920,000	US 331/CR 30A Improvements - Walton County
H 09199	A	Appropriations Project	\$2,103,463	Walton County U.S. Highway 90 Water and Sewer Project
H 09201	A	Appropriations Project	\$16,647,667	Walton County Septic to Sewer in Choctawhatchee Bay Watershed
H 09203	A	Appropriations Project	\$3,000,000	Walton County Water and Sewer along US Highway 331
H 09205	A	Appropriations Project	\$300,000	Small County Technical Assistance Program
H 09207	A	Appropriations Project	\$716,000	Connecting Everyone with Second Chances - Homelessness Services
H 09209	A	Appropriations Project	\$750,000	Tallahassee Wastewater System Resiliency - Pump Station 12 Replacement
H 09211	A	Appropriations Project	\$5,952,375	Pasco County Arthur Engle Multi-Use Fields Hudson Florida
H 09213	A	Appropriations Project	\$3,000,000	Gulf County Communications Upgrade
H 09215	A	Appropriations Project	\$166,239	Lafayette County Fire Department Update
H 09217	A	Appropriations Project	\$2,000,000	Manatee Technical College - Law Enforcement Firing Range & Driving Facility
H 09219	A	Appropriations Project	\$3,600,000	Moccasin Wallow Road Expansion
H 09221	A	Appropriations Project	\$500,000	Study of Broadband Service and Infrastructure Investment
H 09223	A	Appropriations Project	\$2,500,000	WCRx Pharmacy Central - The REACH OUT Study Initiative
H 09225	A	Appropriations Project	\$150,000	SHE Academy Inc.
H 09227	A	Appropriations Project	\$3,000,000	Transformational Communities Initiative
H 09229	A	Appropriations Project	\$350,000	Havana Community Development Economic Program
H 09231	A	Appropriations Project	\$1,250,000	Miami Police Autonomous Waterway Monitoring and Response Program
H 09233	A	Appropriations Project	\$374,308	Bollettieri Tennis and Learning
H 09235	A	Appropriations Project	\$300,000	The Mental Health Association Walk-In and Counseling Center
H 09237	A	Appropriations Project	\$300,000	Space Maritime Access Feasibility Study
H 09239	A	Appropriations Project	\$5,000,000	Mote Marine Laboratory STEM Education
H 09241	A	Appropriations Project	\$200,000	Communities in Schools of Florida
H 09243	A	Appropriations Project	\$950,000	Parrish Fire District Station
H 09245	A	Appropriations Project	\$448,383	City of Bonifay Downtown Commercial Parking Rehabilitation
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H 09249	A	Appropriations Project	\$678,538	City of Bonifay Etheridge Street Improvements

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H 09253	A	Appropriations Project	\$8,000,000	Retention Pond Contamination Devices
H 09255	A	Appropriations Project	\$1,300,000	DeFuniak Springs Coy Burgess Loop Watermain Upgrades
H 09257	A	Appropriations Project	\$790,000	DeFuniak Springs CR 280B Water and Sewer Expansion
H 09259	A	Appropriations Project	\$3,300,000	Airport Runway 9-27 Widening and Extension - DeFuniak Springs
H 09261	A	Appropriations Project	\$2,900,000	Holmes County New Vision EMS Project
H 09263	A	Appropriations Project	\$315,000	SR 20 Intersection Improvements - City of Freeport
H 09265	A	Appropriations Project	\$5,500,000	Freeport U.S. Hwy. 331 South Water and Sewer Utility
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C|P CORCORAN PARTNERS

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DATE: April 6, 2020

TO: Board of Directors

THRU: Matt Jordan, General Manager

FROM: Charles H. Carden, Chief Operating Officer

SUBJECT: Southern Hillsborough County Booster Pump Station, Project 01609 – Award Contract No. 2020-032 to Reiss Engineering, Inc. - *Approve*

SUMMARY

A Consultant's Competitive Negotiation Act (CCNA) procurement process was conducted to obtain professional services for the Southern Hillsborough County Pump Station, Project No. 01609. A ranked shortlist was approved at the February 2020 Board Meeting. A contract has been negotiated with the top-ranked firm Reiss Engineering, Inc.

SUGGESTED ACTION

Approve Professional Services Contract No. 2020-032 to Reiss Engineering, Inc., in the amount of \$1,842,493.00.

COST/FUNDING SOURCE

\$1,842,493.00 / Capital Improvement Fund

DISCUSSION

Staff conducted a selection for professional services in accordance with the State of Florida's Consultant's Competitive Negotiation Act (CCNA) Section 287.055, F.S. A ranked list of seven consultants was approved at the February 2020 Board meeting. Staff has successfully negotiated a scope of services, fee, and contract for professional engineering design, geotechnical, architectural,

public outreach and property acquisition assistance, permitting, construction bidding, administration, construction management and inspection, and start-up assistance services for the project with the top-ranked firm Reiss Engineering, Inc.(Reiss).

The scope and fee for Reiss' services for this project have been negotiated in the amount of \$1,842,493.00, inclusive of a \$200,000 owner's allowance. Staff recommends Board approval of the negotiated contract to Reiss Engineering, Inc.

The project includes a new booster pump station, connecting transmission main, modifications to Brandon Urban Dispersed Wells (BUD) production Well #7 and modifications to the regional Point of Connection at Hillsborough County's Lithia Water Treatment Plant.

The proposed contract is available upon request, has been reviewed and approved as to form by Tampa Bay Water's General Counsel.

Tampa Bay Water has applied for co-funding for this project from the Southwest Florida Water Management District. Staff plans to procure construction services later this year for delivery of this project by the Construction Manager at Risk (CMAR) method to complete the project as quickly as possible.

BACKGROUND

Current demand projections show that Southern Hillsborough County will require additional potable water by 2024. One of the options is a new in-line booster pumping station. A booster station in this application represents an interim, short-term solution while other larger capacity projects are being brought online. This project is an entirely new asset and includes a new booster pump station to increase delivery capacity to the Regional Delivery Point of Connection at the Lithia Water Treatment Plant, from the existing Brandon-South Central Transmission Main.

DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Charles H. Carden, Chief Operating Officer
SUBJECT: On-Call Civil Contractor Services Contract #2018-003, Amendment One - *Approve*

SUMMARY

Approve amendment One to Contract #2018-003 with Granger Maintenance, increasing the contract amount \$500,000.00 to a total of \$1,500,000.00 for the four-year term. No increase to budgeted Fiscal Year 2020 or Fiscal Year 2021 funds.

SUGGESTED ACTION

Approve Amendment One to Contract No. 2018-003 with Granger Maintenance & Construction, Inc. in the amount of \$1,500,000.00.

COST/FUNDING SOURCE

Unitary Rate. Fiscal Year 2020 and 2021 budgeted funds.

DISCUSSION

Tampa Bay Water staff recommends an increase to Contract #2018-003 from \$1,000,000.00 to \$1,500,000.00 to fund ongoing and upcoming Civil Contracting Tasks under this contract. This is a change to the contract amount, but there is no corresponding increase to the overall FY 2020 or proposed FY 2021 Tampa Bay Water budgeted amounts for as-needed work. Funds will be reallocated within the existing and proposed budgets.

The proposed amendment has been approved as to form by Tampa Bay Water General Counsel's Office.

BACKGROUND

On May 19, 2017, Tampa Bay Water posted an Invitation for Sealed Bids (ITB) for the On-Call Civil & Large Pipeline Contractor Services, Contract Nos. 2018-002; 2018-003; 2018-012 and 2018-013 for three-year contracts with an option to renew for an additional year. This bid was divided into two parts, Part A – General/Civil and Part B – Large Pipeline. Bids were opened and evaluated, and staff recommended that Contract Nos. 2018-002; 2018-003 for Part A, and Contract Nos. 2018-012; 2018-013 for Part B be approved in the amount of \$1,000,000.00 per contract over the four-year contract term. Funds for this work would be included in each fiscal year budget.

Contract No. 2018-003 with Granger Maintenance for Civil Contracting work has been used successfully for multiple tasks. Agency tasks and workload since the date of contract award have tended more to Civil jobs than to Large Pipeline jobs. Granger Maintenance has performed the majority of agency civil contracting work during the past two years. This is because the other awarded Civil contractor was simultaneously awarded a Large Pipeline contract and was engaged to perform both Civil and Large Pipeline work tasks during the same time frame.

Approval of this amendment will allow Granger Maintenance to continue providing Civil Contracting services to Tampa Bay Water for the remainder of the contract term.

DATE: April 6, 2020

TO: Board of Directors

THRU: Matt Jordan, General Manager

FROM: Kenneth R. Herd, Chief Science and Technical Officer

SUBJECT: Test Well Site, Well Site Access and Utility Easements for New Wellfield via SHARP Credits: Feasibility, Project 01611, Delegate authority to the General Manager - *Approve*

SUMMARY

The New Wellfield via South Hillsborough Aquifer Recharge Project (SHARP) Credits Project 01611 requires purchase of land for the construction of an aquifer performance test well and monitor wells. The Board approved the completion of an aquifer performance test at its October 2019 meeting and design of the test well is underway. In addition, staff requires approval to acquire two easements: 1) an access easement to the test well site, and 2) a 20-foot wide pipeline and utility easement. This request is for approval to purchase the parcel of land where the test well will be sited and to acquire the two needed easements.

SUGGESTED ACTION

Delegate authority to the General Manager to negotiate the purchase of a 4-acre parcel of land (Fallen Tract) owned by the Hillsborough County Environmental Lands Acquisition and Protection Program (ELAPP) and to enter into a written Purchase Agreement for the appraised value, not to exceed \$225,000.00 total, which includes due diligence expenses and closing costs; additionally, Delegate authority to the General Manager to negotiate and execute two easements needed from the adjacent property owner at a cost not-to-exceed \$60,000.00, for due diligence expenses and closing costs.

COST/FUNDING SOURCE

Not to exceed \$225,000.00/FY 2020 Uniform Rate Funds for Parcel; Not to exceed \$60,000.00/FY 2020 Uniform Rate Funds for Easements

DISCUSSION

The purpose of New Wellfield via SHARP Credits: Feasibility, Project 01611 is to further assess the feasibility of developing a new wellfield and associated collection mains and water treatment facilities using credits created from injection of reclaimed water by Hillsborough County through its South Hillsborough Aquifer Recharge Project (SHARP). The feasibility project includes a test production well and monitor wells, aquifer performance test, wellfield modeling and water use permit application, collector main layout and water treatment facilities. Negotiations for aquifer recharge credits need to be completed by the end of 2021 in order to determine the cost of the new wellfield to support the Board's project selection process during 2022.

Tampa Bay Water staff identified several potential properties within the search area limited by the test well modeling studies. The limited search area is currently undergoing rapid residential development and much of the remaining land is dedicated to agricultural or preservation use. Staff has been in discussions with Hillsborough County to acquire a parcel from the ELAPP that is not subject to the strict environmental guidelines of that program (attached). However, the parcel is landlocked and has no direct access to a public right of way. It is surrounded to the east by ELAPP preservation property and to the north, west and south by a residential subdivision currently under construction. Staff has been in conversations with the developer and he has expressed a willingness to grant access via the community's amenity parcel.

This agenda item requests approval to secure the test well site by delegating authority to the General Manager to negotiate the purchase of a 4-acre portion of the Fallen Tract owned by the Hillsborough County ELAPP and to enter into a written Purchase Agreement with the total cost not to exceed \$225,000.00 including due diligence expenses and other closing costs. The March 30 ELAPP General Committee meeting, which typically meets twice annually, was postponed due to COVID-19 concerns. Delegating approval to the General Manager with a not-to-exceed limit for the purchase of the test well site is the best way to make-up project schedule – so when the County ELAPP General Committee does meet, it can consider Tampa Bay Water's offer.

This item also requests approval to negotiate and secure two easements: 1) access to the test well site and 2) a 20-foot wide pipeline and utility easement for future use should the site become a production well. Approval of this item will delegate authority to the General Manager to negotiate and execute the two easements needed, along with the costs associated with easement acquisition, including due diligence expenses and closing costs. The total for this effort is not-to-exceed \$60,000.00.

BACKGROUND

The Board approved further feasibility study of the New Wellfield via SHARP Credits Project in December 2018 as one of the Long-Term Master Water Plan recommendations and a feasibility study in October 2019 to evaluate the quantity and quality of groundwater that could be permitted in Southern Hillsborough County using credits obtained by the County's injection of reclaimed water via SHARP. The feasibility study is scheduled to be completed by the end of 2021 and will support the Board's project selection process in 2022 and will be included in the 2023 Long-Term Master Water Plan update.

The acquisition of a test well site is the first task in the feasibility project. After much research and conversations with private landowners, Hillsborough County School Board and Hillsborough County Environmental Lands Acquisition and Protection Program (ELAPP), staff identified a parcel that meets the test well site criteria. The proposed test well site does not have direct access to a public right-of-way; therefore, an access easement is needed along the west side of the property. The second easement is for future use as a pipeline and utility easement.

Attachments



Board of Directors

Sandra Murman
Dave Eggers
Rob Marlowe
Charlie Miranda
Ron Oakley
Kathleen Peters
Darden Rice
Mariella Smith
Kathryn Starkey

General Manager

Matthew W. Jordan

General Counsel

Barrie S. Buenaventura
Conn & Buenaventura, P. A.

February 12, 2020

Mr. Forest Turbiville, Director
Conservation and Environmental Lands
Management Department
Hillsborough County
601 E. Kennedy Blvd.
Tampa, Florida 33602

Re: Request to Acquire the portion of the Fallen Tract identified as an Acquisition
of Convenience. Folio no. 77713.0000

Dear Mr. Turbiville:

We are respectfully submitting this request for ELAPP General Committee to consider conveying to Tampa Bay Water the acquisition of convenience portion of the above reference parcel for use as a test well site under the attached terms.

Tampa Bay Water is the regions wholesale water supplier, we provide clean, safe drinking water to 2.5 million people in Hillsborough, Pinellas and Pasco Counties. As part of the feasibility determination for a potable supply wellfield associated with the South Hillsborough Aquifer Recharge Program (SHARP), TBW is looking for an adequate site to place a test well.

There are very few adequate parcels currently available due to the rapid growth Southeastern Hillsborough County is experiencing and the specific locational requirements of the test well project. After many months of research, we identified the above parcel as an ideal location for our test well.

Thank you in advance for your consideration. We welcome the opportunity to enter into a mutually beneficial agreement. Should you have any questions or need further information, please contact Andrea College, Real Estate Coordinator at (813) 996-4083.

Regards,

Ken Herd
Chief Science & Technical Officer
Tampa Bay Water

Attachments: Fallen tract map, Proposed use and terms, Photos

FALLEN TRACT

Office of the County Administrator
Daniel A. Kleman

Real Estate Department
Survey Division
GIS SECTION

601 E. Kennedy Blvd.
Tampa, Florida 33601-1110

Contact:
Rick Cvarak
GIS Manager
(813) 307-4759
cvarakr@hillsboroughcounty.org

May 29, 2002



Hillsborough County
Florida

NOTE: Location boundaries and acreages are approximate.
For more detailed information contact the E.L.A.P.P.
program.

\\CTYCTR2\SYS\ECS\GROUPS\REAL\GIS\ELAPP\FALLEN_TRACT



**ACQUISITION OF
CONVICIENCE**

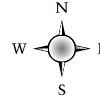
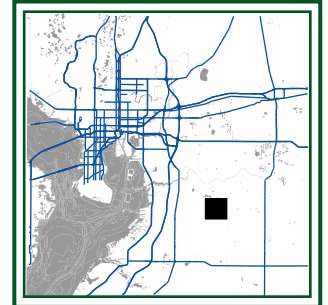


NATIVE LAND

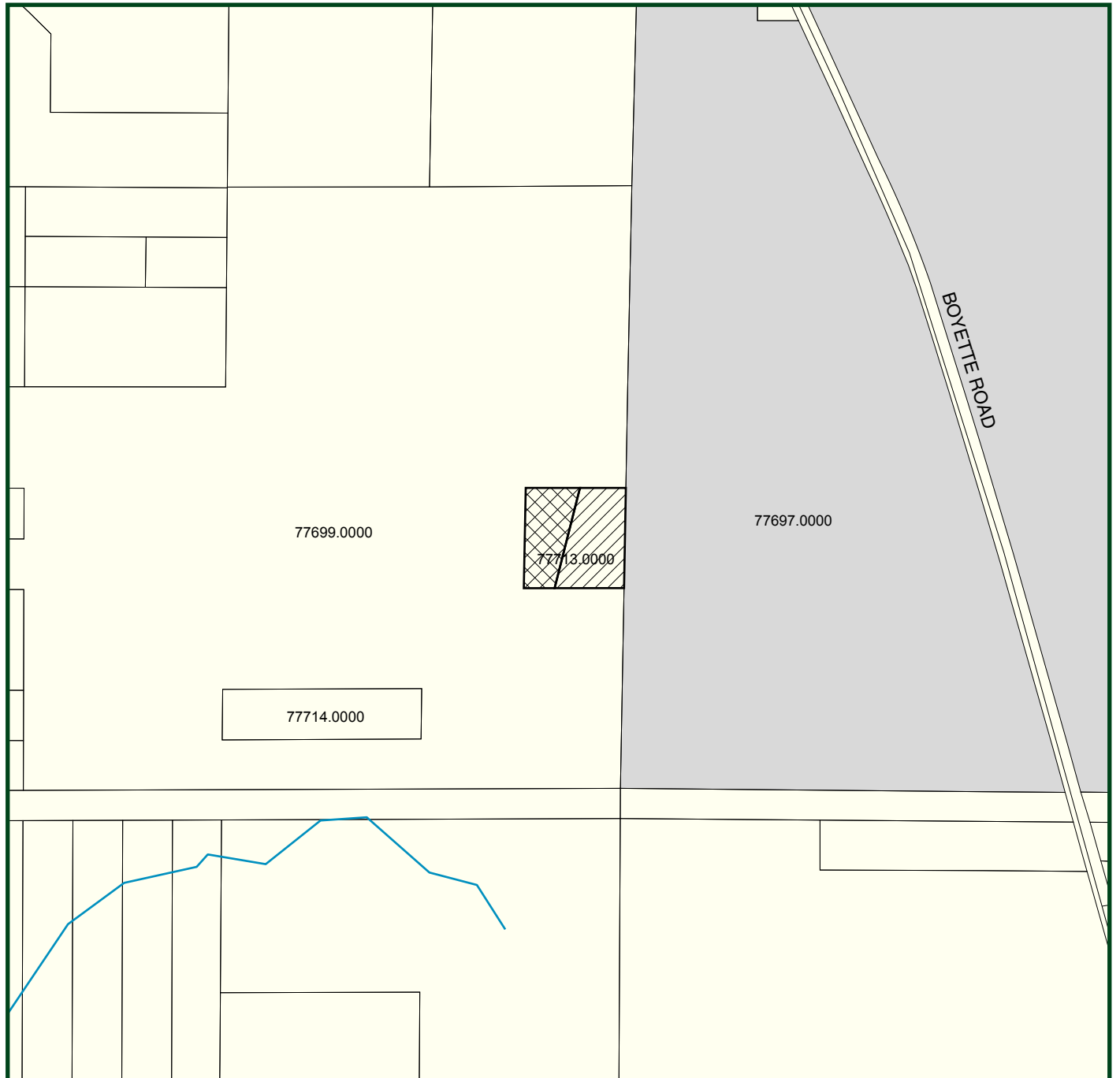


**BALM BOYETTE
SCRUB PRESERVE**

Locator Map



Scale: 1" = 1000'



Proposed Use and Purchase Terms

Test Site information

Wells - One Test well and Four monitoring wells

Drilling - 6 months to drill wells, weekdays 7 a.m. to 6 p.m.

Pumping - Test well around the clock for 2 weeks

After test is complete test well is capped and locked.

Remaining structures after test is complete - monitoring wells, chain link fence, if needed. If wellfield does proceed, well house similar to the one at Alderman's Ford Park on attached photo. Monitoring wells similar to those at Chamberlain HS on attached photo.

Proposed Purchase Terms

Buyer: Tampa Bay Water
Seller : Hillsborough County (ELAPP program)
Property: The western portion of the Fallen Tract being an Acquisition of Convenience parcel not subject to ELAPP habitat protection restrictions.
Folio no. 77713.0000
Property size: Approx. 5 acres
Purchase Price: Appraised Value
Closing: Early Summer. May-June
Contingencies: 1. ELAPP Board Approval – March Board
2. TBW Board Approval - April Board
3. HCC Approval - TBD
4. Access and pipeline easements from adjoining property owner to the west and south. Currently in negotiations.

PHOTOS OF SIMILAR TAMPA BAY WATER FACILITIES



Monitoring Wells at Chamberlain High School



Wellhouse at Alderman's Ford Park

Project Name: SHARP Test Well Site access
Folio no. 077714-2360

ACQUISITION OFFER

March 18, 2020

TAMPA BAY WATER, A Regional Water Supply Authority (“Tampa Bay Water”), hereby offers to acquire from South Fork III Community Development District (“Owner”), as the owner of certain lands specifically described herein, easement rights over portions of the property as described in Exhibit “A” attached hereto and by this reference made a part hereof.

This offer is subject to the following terms and conditions:

1. This offer will automatically terminate if not accepted by Tampa Bay Water Board of Directors within one hundred and twenty (120) days from the date of execution hereof by Owner.
2. The purchase price shall be the sum of one dollar (\$1.00) and other valuable consideration described herein.
3. Owner agrees to convey easement interest over South Fork Tract U as recorded in plat Book 135, Page 26 of the Public Records of Hillsborough County, Florida, commonly referred to as “the amenity parcel” and being depicted in Exhibit “B” attached hereto and described as follows:
 - a. ingress and egress easement through the access driveway of the amenity parcel;
 - b. together with a 20’ - wide pipeline and utility easement along the south 20’ of said amenity parcel.
4. In addition to the easements listed in item 3 above, Owner hereby grants to Tampa Bay Water a temporary access and water discharge easement allowing Tampa Bay Water to discharge aquifer water into the stormwater ponds within the South Fork development, as described in “Exhibit “C” attached hereto and made a part hereof.
5. Tampa Bay Water shall pay all expenses incidental to the transaction between the parties herein including recording fees and similar expenses.
6. The parties agree that Ardurra Group, Inc. is the project engineer for South Fork. Being that South Fork is currently under site development, should Tampa Bay Water wish to improve the easement area within one year of the execution of the easement agreement, Tampa Bay Water shall coordinate all improvements directly with

Ardurra Group. All other future improvements are limited only by the terms of the easement agreement attached hereto.

- 7. Tampa Bay Water shall pay all costs associated with its improvements authorized by Tampa Bay Water upon said easements.

THE ACCEPTANCE OF THIS OFFER TO PURCHASE EASEMENT RIGHTS AND THE SUM AND TERMS SPECIFIED HEREIN ARE CONTINGENT UPON AND SUBJECT TO APPROVAL BY THE TAMPA BAY WATER BOARD OF DIRECTORS.

IN WITNESS WHEREOF, the undersigned have caused this instrument to be executed by their duly authorized officers or agency on the day and year first above written.

WITNESS:

TAMPA BAY WATER, A REGIONAL WATER SUPPLY AUTHORITY

Signature

By: _____
Matt Jordan

Print Name

Its: General Manager

Signature

Date: _____

(SEAL)

Print Name

APPROVED AS TO FORM:

Barrie S. Buenaventura,
General Counsel

STATE OF FLORIDA
COUNTY OF _____

The foregoing instrument was acknowledged before me by means of ___ physical presence or ___ online notarization, this _____ day of _____, 20_____, by _____, as Chairman of Tampa Bay Water, on behalf of Tampa Bay Water. He/she is personally known to me or has produced ___ as identification.

By: _____
Notary Public, State of Florida at Large
Print Name: _____
Commission No.: _____
My Commission Expires: _____

**OWNER:
SOUTH FORK III, COMMUNITY
DEVELOPMENT DISTRICT, A UNIT OF
SPECIAL PURPOSE LOCAL
GOVERNMENT**

**SIGNED, SEALED AND DELIVERED
IN THE PRESENCE OF:**

Witness: _____

Print Name: _____

By: _____

Jeffrey S. Hills, Chairman

Witness: _____

Print Name: _____

Date: _____

**STATE OF FLORIDA
COUNTY OF _____**

The foregoing instrument was acknowledged before me by means of ___ physical presence or ___ online notarization, this _____ day of _____, 20_____, by _____, as Chairman of South Fork III, Community Development District, on behalf of South Fork III, Community Development District. He/she is personally known to me or has produced _____ as identification.

By: _____

Notary Public, State of Florida at Large

Print Name: _____

Commission No.: _____

My Commission Expires: _____

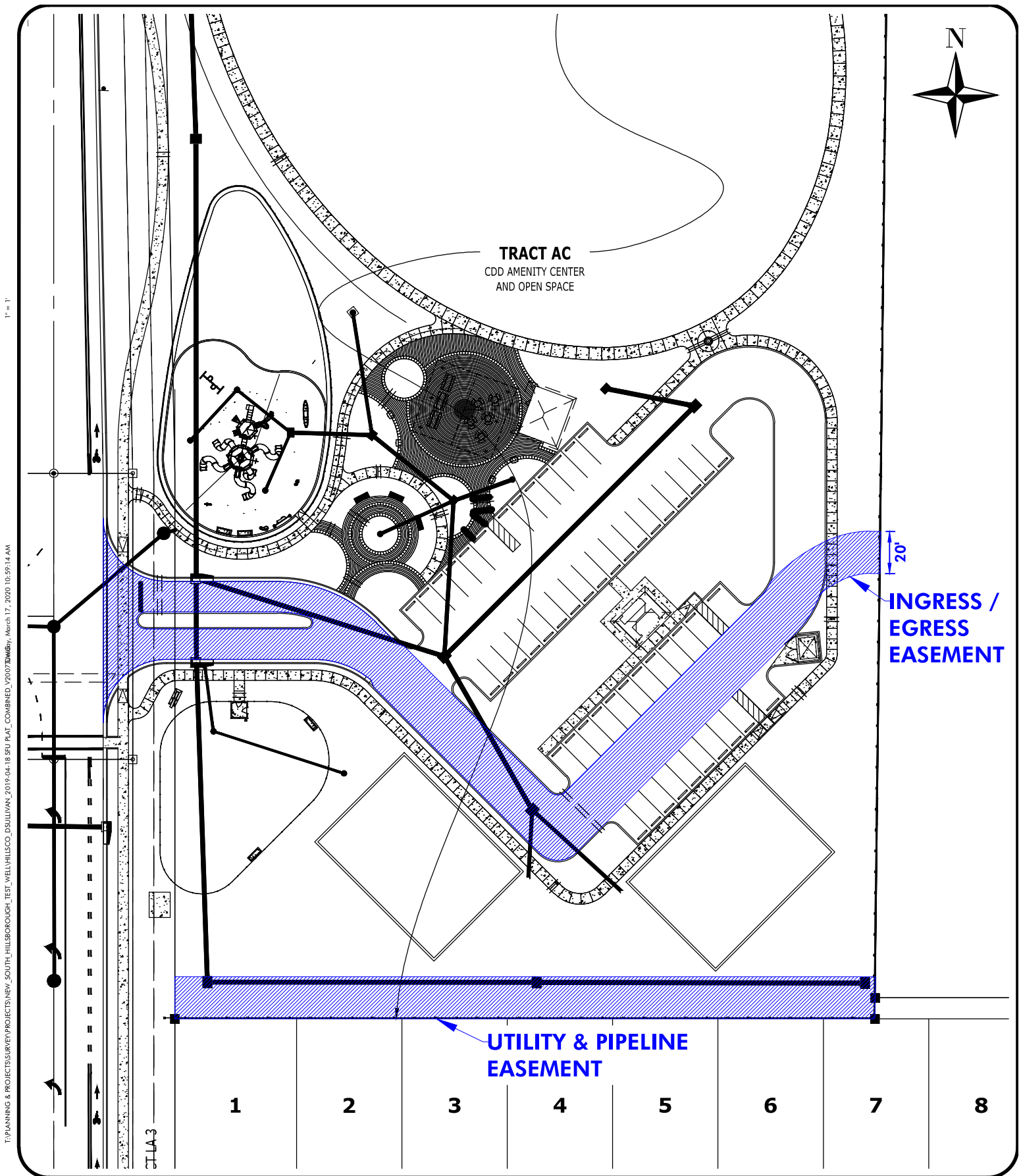
Exhibit "A"

Amenity Parcel Legal Description

South Fork Tract U, according to the plat thereof as recorded in Plat Book 135, Page 26 of the
Public Records of Hillsborough County, Florida.

Folio no. 077714-2360

T:\PLANNING & PROJECTS\SURVEY\PROJECTS\NEW_SOUTH_HILLSBOROUGH_TEST_WELLS\HILLSCO_DSULLIVAN_2019-04-18 SFU PLAT_COMBINED_V2007DWB.dwg, March 17, 2020 10:59:14 AM



TRACT AC
CDD AMENITY CENTER
AND OPEN SPACE

**INGRESS /
EGRESS
EASEMENT**

**UTILITY & PIPELINE
EASEMENT**

1 2 3 4 5 6 7 8



EXHIBIT B	SOUTH PORTION OF AMENITY PARCEL	DATE: <u>3/17/20</u>	FILE NAME : HillsCo_DSullivan_2019-04-18 SFU PLAT_Combined_v2007
		DESIGNED BY: <u>DG</u>	PROJECT NO : 01611
		DRAWN BY: <u>KB</u>	SHEET TITLE : EXHIBIT B
		CHECKED BY: <u>AC</u>	SCALE : 1" = 60' SHEET : <u>1</u> OF <u>1</u>
		APPROVED BY: <u>JK</u>	

Exhibit C

Test Well Site Request to Discharge Aquifer Water

- Test Site Location
 - Property Folio no. 077713-0000
 - Vacant parcel located east of Pradera Park Tract U by South Fork and west of ELAPP property.



Project Timeline

- Acquire parcel and easements Spring/Summer 2020
- ELAPP March 30, TBW Board April 20, BoCC tbd

Well Drilling Information

- One Test well
- Four monitoring wells
- 6 months to drill wells (begin late summer 2020)
- Weekdays 7 a.m. to 6 p.m.

Pumping

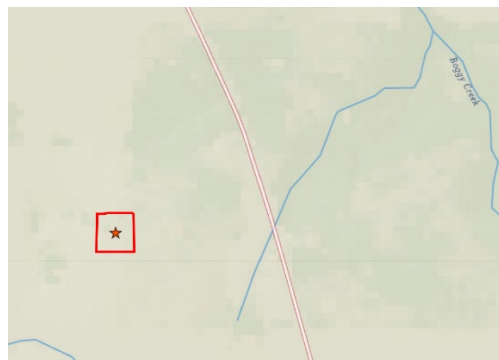
- Test well around the clock for 2 weeks (Jan/Feb 2021)
- 2 million gallons per day
- 15 days

Water Discharge

- Discharge aquifer water into adjacent inlets or ponds within or near Amenity parcel to the west. Ponds then discharge into Little Bull Frog Creek. *Need approval from Mr. Hills.*
- Folio no. 077714-2360 and 077714-1478



- Backup option – If needed, release a portion of the water toward Boggy Creek within ELAPP property to the east. Hose to run along existing trails toward creek inlet. Erosion control measures at end of hose.



Discharge details

- Aquifer water with no sediment.
- 12" hose from test site to inlet

A. ELAPP questions and comments:

1. May require 30 day access letter from Forest.
 - a. Please advise whether any additional information is needed to obtain this letter if required.

2. Explain how it will not disturb natural flow into creek:
 - a. This temporary discharge will not significantly interfere with the natural flow of the system. The discharge is for a period of 15 consecutive days only. This short-term, temporary discharge of water to the natural system would take place during the dry season.

3. Explain how amount of water compares to 100 year flood rain event:
 - a. This flow would be significantly less than the impact of a 100 year flood rain event. Within the watershed of the project area, the amount of water entering the local streams each day would equal a rainfall event of a fraction of an inch.

4. Requires Discharge Permit:
 - a. All required permits will be obtained. Tampa Bay Water is in close coordination with SWFWMD for this important water supply project.

5. Who is the regulatory agency over this project?
 - a. Southwest Florida Water Management District is the regulatory agency that will issue well construction permits and will approve the Aquifer Performance Test, evaluating the impact of the water discharge to natural systems.

6. Erosion control measures to prevent turbidity and siltation down stream:
 - a. Erosion control measures will be put in place, as needed; possible examples include a silt bag at the end of the hose and turbidity barriers. Final determination will be made by project engineers.

7. Responsibility to restore impact
 - a. While no negative impacts are anticipated, Tampa Bay Water will mitigate any negative impacts during and after test completion.

8. What is the impact of ground water on the natural system:
 - a. A temporary discharge of Groundwater into natural surface systems is not harmful. In fact, Tampa Bay Water currently augments several natural systems (wetlands and lakes) with groundwater in and around our wellfields. These augmentation projects have been extremely beneficial to plants and animals, especially during dry periods. No harmful results have been detected over timeframes of 30 years or more.
 - b. The groundwater discharge planned for this project would be a one-time temporary short-term discharge over a 15 day period.

- B. South Fork development impacts
 - a. The discharge into the stormwater ponds for the South Fork Development known as Pradera Park will enhance the aesthetic appeal of the ponds during the dry season without having a negative impact on the drainage system.



Prepared by and Return to:
Tampa Bay Water
Real Estate Coordinator
2575 Enterprise Road
Clearwater, FL 33763-1102
SHARP PROJECT TEST WELL SITE
Folio no. 077714-2360

EASEMENT AGREEMENT

THIS EASEMENT AGREEMENT (Agreement”) is entered into this ____ day of _____, 2020, between South Fork III Community Development District (“Grantor”), whose mailing address is 210 N. University Drive, Suite 702, Coral Springs, FL 33071, and **TAMPA BAY WATER**, A Regional Water Supply Authority, an interlocal governmental entity of the State of Florida (“Grantee”), whose address is 2575 Enterprise Road, Clearwater, Florida 33763-1102.

WITNESSETH:

WHEREAS, Grantor is the owner of certain real property located in Hillsborough County, Florida, acquired by deed recorded in O.R. Book 26121, Page 1295 of the Public Records of Hillsborough County (the “Property”) and being the amenity parcel for Pradera Park Subdivision;

WHEREAS, Grantee is the owner of the adjacent parcel to the east of the Property (the “TBW Parcel”); however, access and utility easements are needed via the Property as the TBW Parcel is landlocked.

WHEREAS, the Property serves as the amenity parcel for the Pradera Park Subdivision. To minimize future disruption, two separate easements are being granted herein. Vehicular ingress and egress access easement via the amenity parcel driveway and a separate 20’ pipeline and utility easement along the southern portion of the Property;

WHEREAS, Grantor has no objection to the future pipeline improvements and hereby provides easement rights to Grantee to access, maintain and operate a pipeline including related appurtenances necessary for the transmission of water (the “Pipeline Facilities”) over, under and across a portion of the Property (the Pipeline Easement Area) more particularly described in Exhibit “A” attached hereto and by reference made a part hereof;

NOW THEREFORE, in consideration of the sum of Ten and 00/100 Dollars (\$10.00), the covenants contained herein, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Grantor does hereby grant, bargain, sell and convey to Grantee and assigns, and all other persons claiming by, through or under Grantee, upon the terms and conditions set forth in this Agreement, a non-exclusive permanent ingress and egress

easement and a non-exclusive permanent 20'-wide pipeline and utility easement (collectively the "Easements") over, across, on, through and under the Easement Areas.

These Easements are granted upon the following terms, conditions, covenants, and agreements by and between the parties.

1. **PURPOSE:** The Easements are for 1. Ingress and Egress over, across, upon and through the Property for the purpose of accessing the TBW Parcel, and 2. for constructing, operating, maintaining, repairing, replacing or upgrading the Pipeline Facilities within the 20' wide Permanent Pipeline Easement as necessary and appropriate, and as more fully described herein. The Easements may be used by the Grantee and Grantee's agents, representatives, employees, licenses and invitees for the purposes described herein.
2. **TERMS AND RESTRICTIONS:** The following shall apply to the Easements as appropriate.

- a. A "**Permanent Ingress and Egress Easement**" shall mean a perpetual, non-exclusive easement over, across, upon and through the Property with rights of ingress and egress, including the right to grant access to such person or entities as Tampa Bay Water deems necessary to access the TBW Parcel via the Property.
- b. A "**Permanent Pipeline Easement**" shall mean a perpetual, non-exclusive easement over, across, upon and beneath the surface of the Property, with rights of ingress and egress, including the right to enter upon the property; to clear the site of vegetation; to excavate; to construct, operate, maintain, repair, replace and upgrade underground water transmission pipeline facilities, related electrical and telemetry facilities, and other appurtenance facilities (collectively, the "Pipeline Facilities"); to prohibit the construction, operation, or maintenance of any "Inconsistence Uses" on that portion of the Permanent Pipeline Easement; and to grant access to persons or entities as Tampa Bay Water deems necessary for the construction, operation, maintenance, repair, replacement or upgrading of the Pipeline Facilities. Upon completion of construction of the Pipelines Facilities, the owner of the servient tenement may utilize the property within the Permanent Pipeline Easement for any "Consistent Uses".

(1) "**Consistent Uses**" of the servient tenement include:

- (a) Placement of fences; provided, however, if the owner of the servient tenement places any fence within the boundaries of the Permanent Pipeline Easement, said owner shall provide adequate gates and access at all times without exception to allow vehicular ingress and egress by Tampa Bay Water and its invitees, licenses, designees and assignees.

(b) Placement of utility facilities (limited to power lines, telephone lines, cable T.V. lines, water lines, sewer lines, or stormwater lines) which intersect the Permanent Pipeline Easement or the granting of easements for such utility facilities, provided the integrity and operation of the Pipeline Facilities and the exercise of Tampa Bay Water's rights under the Permanent Pipeline Easement are not infringed or otherwise adversely affected. Such utility facilities must be designed, permitted, constructed, operated, and maintained in accordance with applicable federal, state, and local laws, regulations, and safety codes, and at least ninety (90) days prior to any such proposed use of the property, the owner shall provide notice of the proposed use and construction plans, if any exist, to Tampa Bay Water. No excavation or digging related to any such use shall commence prior to providing Tampa Bay Water with a minimum of twenty-four (24) hours notice. The determination whether any such proposed use of the property will adversely affect the Pipeline Facilities, or the exercise of Tampa Bay Water's rights hereunder shall be within the sole and absolute discretion of Tampa Bay Water, which shall make any such determination in good faith.

(c) Placement of paved areas, unpaved areas, driveways, and roads for ingress and egress, provided the integrity and operation of the Pipeline Facilities and the exercise of Tampa Bay Water's rights under the Permanent Pipelines Easement are not infringed or otherwise adversely affected. The determination of whether any such proposed use of the property will adversely affect the Pipeline Facilities, or the exercise of Tampa Bay Water's rights hereunder shall be within the sole and absolute discretion of Tampa Bay Water, which shall make any such determination in good faith.

(2) Notwithstanding anything to the contrary herein, unless expressly waived by written instrument executed by Tampa Bay Water, "**Inconsistent Uses**" of the servient tenement shall include:

(a) Constructing, placing or maintaining trees, buildings, fixtures or other permanent structures upon or below the ground (including but not limited to pits, wells, tanks and swimming pools).

(b) Stockpiling materials in excess of 500 pounds per square foot or any earth loadings exceeding 10ft. depth of cover above the Pipeline Facilities. Any materials stockpiled or placed on the Permanent Pipeline Easement must be clean and sanitary and shall not block Tampa Bay Water's access to the Permanent Pipeline Easement or the Pipeline Facilities.

- (c) Placement of paved surfaces or roads directly above the Pipeline Facilities, except as expressly permitted in subsection 1d, 1e, and 1f above.
 - (d) Stormwater ponds or borrow pits.
 - (e) Irrigation systems placed deeper than 28 inches below ground.
 - (f) Any uses, activities, or improvements, which are not “Consistent Uses” as defined above.
 - (g) Any uses, activities, or improvements which adversely affect the integrity, construction, operation, upgrade, replacement, repair, or maintenance of the Pipeline Facilities or the exercise of Tampa Bay Water’s rights under the Permanent Pipeline Easement.
- (3) In addition to the foregoing, the following provisions shall be applicable to the Permanent Pipeline Easement:
- (a) The servient tenement owner shall have the right to cross over the easement areas.
 - (b) The easement areas shall not be used in any manner that will prevent or unreasonably restrict Tampa Bay Water’s ingress and egress.
 - (c) Tampa Bay Water may install temporary fencing or barricades in the easement areas when deemed necessary or convenient to Tampa Bay Water’s construction, operation, upgrade, replacement, repair, or maintenance activities.
 - (d) Following completion of construction, upgrade, replacement, repair or maintenance activities, Tampa Bay Water shall remove any stock piled materials associated with said activities.
 - (e) Easement areas disturbed by Tampa Bay Water’s construction of the Pipeline Facilities will be returned to natural grade where topographical features allow; and the area will be seeded and mulched as a part of the final phase of said construction.
 - (f) Following completion of any construction, upgrade, replacement, repair, or maintenance activities, Tampa Bay Water shall repair or replace, as it deems

appropriate, any improvements disturbed or damaged by such activities; provided, Tampa Bay Water shall only be required to repair or replace improvements within the Permanent Pipeline Easement which constitute Consistent Uses as defined herein.

(g) Tampa Bay Water shall repair or replace, as it deems appropriate, any landscaping, except trees, within the Permanent Pipeline Easement disturbed by any upgrade, replacement, repair, or maintenance activities occurring after final completion of construction of the Pipeline Facilities, but only to the extent that said landscaping does not adversely impact the Pipeline Facilities and plants of similar species and size are readily available in the local market at reasonable cost.

(h) Grantor shall notify Grantee in writing prior to construction activities on the Property that will impact the Easement Area. Any activities must comply with the Consistent Uses above or may be removed by Grantee without further notice. Grantor shall be solely responsible for any loss or damage of said improvements.

3. TERM: The term of the Easements shall be in perpetuity.
4. REPAIR AND MAINTENANCE: Grantee shall be solely responsible for the installation, repair and maintenance of the Pipeline Facilities within the Permanent Pipeline Easement and for the cost thereof. Grantee shall be responsible to repair any damage upon the Easements due to its activities. Grantor retains normal maintenance and repair responsibility over the Easement Areas.
5. UTILITIES AND TAXES: Grantee shall, at its sole expense, provide any and all utility connections or services to the Pipeline Facilities and the Pipeline Easement Area for Grantee and shall pay any applicable personal property taxes or other taxes or assessments relating to all existing improvements or improvements added by Grantee on the Pipeline Easement Area.
6. INDEMNIFICATION: Grantee agrees to hold Grantor harmless for any claim or loss which results from any act or omission of Grantee or its agents, representatives, employees, licenses or invitees in their construction, use, maintenance, repair, replacement or upgrade of the Pipeline Facilities, or as a result of Pipeline Facilities to the extent permitted by law and as provided in Section 768.28, Florida Statutes.
7. LITIGATION: In connection with any litigation arising under this Agreement, the prevailing party shall be entitled to recover its expenses thereof, including reasonable attorneys' and legal assistances' fees and cost prior to trial, at trial, and on appeal, in bankruptcy proceedings, and in connection with enforcing or collecting upon any judgement.

8. BINDING EFFECT: The provisions of this Agreement shall apply to, bind and inure to the benefit of Grantor, Grantee and their respective heirs, successors, legal representatives and assigns.

9. ENTIRE AGREEMENT: This Agreement sets forth the entire agreement of the parties and may not be modified except in writing, executed by the parties hereto.

10. NOTICE: Any notice required or permitted to be delivered hereunder shall be deemed received when personally delivered or when mailed by United States Mail, postage pre-paid, certified mail, return receipt requested, addressed as follows:

If intended for Grantor:

South Fork CDD
210 N. University Drive, Suite 702
Coral Springs, FL 33071
www.southforkcdd.org

If intended for Grantee:

General Manager
Tampa Bay Water
2575 Enterprise Road
Clearwater, Florida 33763-1102
CC: General Counsel
CC: Real Estate Coordinator

Either party may change their address by giving notice to the other party in the manner provided in this paragraph.

11. EFFECTIVE DATE: The Effective Date of this Agreement shall be the last date upon which all of the parties hereto have executed this Agreement, as demonstrated by the date under the signature on the signature page.

THIS AREA INTENTIONALLY LEFT BLANK

IN WITNESS WHEREOF, Grantor and Grantee have caused this Agreement to be duly executed on the dates set forth below.

ATTEST:

Witness

Print Name

Witness

Print Name

GRANTEE:

By: _____
Matt Jordan, General Manager

Date: _____

(SEAL)

APPROVED AS TO FORM

Office of the General Counsel

STATE OF FLORIDA

COUNTY OF PINELLAS

The foregoing instrument was acknowledged before me by means of ___ physical presence or ___ online notarization, this _____ day of _____, 2020, by Matt Jordan, as General Manager of Tampa Bay Water, on behalf of Tampa Bay Water. He is personally known to me or has produced _____ as identification and did/did not taken an oath.

By: _____
Notary Public, State of Florida

Print Name of Notary:

Commission Number:

My Commission Expires:

GRANTOR:

**SOUTH FORK III, COMMUNITY
DEVELOPMENT DISTRICT, A UNIT
OF SPECIAL PURPOSE LOCAL
GOVERNMENT**

**SIGNED, SEALED AND DELIVERED
IN THE PRESENCE OF:**

Witness: _____
Print Name: _____

By: _____

Jeffrey S. Hills, Chairman

Witness: _____
Print Name: _____

Date: _____

STATE OF FLORIDA
COUNTY OF _____

The foregoing instrument was acknowledged before me by means of ___ physical presence or ___ online notarization, this _____ day of _____, 20____, by Jeffrey S. Hills, as Chairman of South Fork III, Community Development District, on behalf of South Fork III, Community Development District. He/she is personally known to me or has produced _____ as identification.

By: _____
Notary Public, State of Florida at Large
Print Name: _____
Commission No.: _____
My Commission Expires: _____

EXHIBIT "A"
SKETCH AND LEGAL DESCRIPTIONS
OF INGRESS AND EGRESS EASEMENT AND
20' PERMANENT PIPELINE EASEMENT

(TO BE PREPARED BY TAMPA BAY WATER ONCE TERMS ARE AGREED TO BY ALL PARTIES)

DATE: April 6, 2020

TO: Board of Directors

THRU: Matt Jordan, General Manager

FROM: Kenneth R. Herd, Chief Science and Technical Officer

SUBJECT: Consolidated Water Use Permit Update – Incorporation of the Water Shortage Mitigation Plan into the Renewed Consolidated Permit - *Presentation*

SUMMARY

The Water Shortage Mitigation Plan is the agency’s management tool that guides our short-term water resource operations during drought conditions. Use of this plan allows Tampa Bay Water to meet the member’s water demands in an environmentally-sustainable manner, even during drought. The updated plan was approved by the Board in April 2017 and will be updated at least every five years. Tampa Bay Water staff will request that the Southwest Florida Water Management District incorporate this plan into the Consolidated Water Use Permit when the permit is renewed later this year.

SUGGESTED ACTION

This item is presented for information and no Board action will be requested.

COST/FUNDING SOURCE

N/A

DISCUSSION

The Consolidated Water Use Permit (Consolidated Permit) will expire on January 25, 2021. This permit authorizes the withdrawal of groundwater from our 11 wellfields located north of Tampa Bay. The current permitted withdrawal quantity is an annual average of 90 million gallons per day (mgd) from

these 11 wellfields. Staff are preparing the renewal application package for the Consolidated Permit and will present the renewal application to the Board for consideration and approval at the October 19, 2020 meeting. Tampa Bay Water staff have met with the staff of each member government to brief them on the contents of the renewal application and concepts for the renewed permit.

Tampa Bay Water staff will meet with the Southwest Florida Water Management District (District) and member government staffs this spring or early summer to discuss incorporating our Water Shortage Mitigation Plan (Plan) into the renewed Consolidated Permit. Implementation of the Plan will prevent the Agency from building additional water supply capacity that is only needed during drought conditions. New water supply infrastructure will be built through our Master Water Plan to account for the long-term growth in water demand for our member governments during the normal range of hydrologic conditions (non-drought conditions). Incorporating the Plan into the Consolidated Permit will provide assurance that Tampa Bay Water can timely respond to water supply issues as the degree of drought conditions worsen.

In an extreme drought event, Tampa Bay Water will be required to withdraw more than an annual average of 90 mgd from the Consolidated Permit wellfields to avoid a public health and safety emergency. During an extreme drought, the additional groundwater (above permit limits) will be the only supply source left to meet this public demand. If this condition occurs, we will continue to schedule wellfield production using the Optimized Regional Operations Plan that minimizes drawdown among all wellfields using current water level data. As we exit the drought condition, the Plan states that Tampa Bay Water will continue production at the surface water treatment plant and desalination facility at their maximum sustainable production rates until recovery of groundwater levels is achieved. Operating in this manner will ensure that we reduce the groundwater withdrawals from the wellfields as quickly as possible to less than the 90 mgd annual average limit.

Tampa Bay Water will propose to the District that we will analyze environmental data collected at the Consolidated Permit wellfields after any drought-related permit exceedance event. If our analysis finds that the additional groundwater withdrawal above our 90 mgd annual average permit limit caused any adverse environmental impact, Tampa Bay Water will commit to mitigate those environmental impacts. We propose mitigation of any additional adverse impacts in lieu of a monetary penalty that could be assessed by the District for exceeding our permit limit. This would allow Tampa Bay Water to directly respond to and mitigate specific adverse environmental impacts on and around our wellfields. The form and extent of any such mitigation would be subject to the review and approval of the District.

This item will be presented for informational purposes and no formal action will be requested of the Board. Staff will provide additional information about the Water Shortage Mitigation Plan, our water supply operations during drought events, and how this Plan could be incorporated into the renewed Consolidated Permit. Staff will solicit feedback from the Board on this concept following the presentation.

BACKGROUND

The Water Shortage Mitigation Plan is Tampa Bay Water's management tool that guides our short-term water resource operations during drought conditions. Use of this Plan allows Tampa Bay Water to meet the members' water demands in an environmentally-sustainable manner, even during drought. The Plan was last updated and approved by the Board in April 2017 and will be updated at least every five years. The Plan defines hydrologic triggers for entering and exiting four water shortage stages of increasing severity. It includes water supply actions that Tampa Bay Water will take to maximize the use of all of our water resources as we enter drought conditions and minimize any environmental effects of our drought-condition water withdrawals. The Plan also guides our water resource decisions as we exit a drought condition to ensure that Tampa Bay Water operates all of our supply sources in an environmentally-sustainable manner.

The four water shortage stages in our Plan closely match the four water shortage phases in the District's Water Shortage Plan (Chapter 40D-21, F.A.C.). The District's Water Shortage Plan outlines water conservation measures and public communication that the District and local governments will implement to reduce water demand to the greatest possible extent during drought conditions. Implementation of the Water Shortage Mitigation Plan by Tampa Bay Water and water conservation measures by the District and local governments provides a powerful combination of tools to help manage water supplies during drought and ensure that we always meet the public water demand.

DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Roberta Kety, Human Resources Director
SUBJECT: Human Resources Activity Report for February and March 2020 - *Receive Report*

SUMMARY

The Human Resources Activity Report summarizes the key activities of the department for the months of February and March 2020.

SUGGESTED ACTION

Receive and File.

COST/FUNDING SOURCE

N/A

DISCUSSION

The Human Resources Department is responsible for assisting the needs of the 155 full-time equivalent employee positions of Tampa Bay Water. In summary, the major activities and work effort of the Human Resources department for the months of February and March 2020, included:

- Recruitment and Selection:

Ongoing recruitment for positions: Staff Assistant, Water Resources System Engineer, IT Network Specialist, and Electrician.

As Tampa Bay Water faces retirements, promotions and other staff turnover, the Executive Team is announced organizational changes to address succession planning and knowledge retention in the Water Production and Science and Technical divisions. The development of these ideas is the result of extensive collaboration with many of the managers involved and the work with consultants, CH2M/Jacobs, on an agency workforce analysis. These changes provide the opportunity for the Agency to better organize and to continue to meet the agency's strategic planning and operational needs as listed below, while maintaining the current number of budgeted full-time equivalent positions.

- Tampa Bay Water's system serves a large and populated three-county region with increasing demands and high growth in the southern parts of our system.
- The agency is experiencing an increase in workload to support the system-wide renewal and replacement program and the growing number and complexity of capital projects.
- There is an opportunity to use vacancies and cross-functional knowledge/collaboration and apply program management concepts along with tracking tools to increase the coordinated management and communication for major projects.
- A key strength of the agency is that its leaders have served and have an appreciation across planning, engineering, and construction capacities, which supports cross-functional information sharing and coordination. It is important for the agency to make structural changes today that will sustain this cooperation within its operations into the future, even as leaders retire.
- The capital improvement program, environmental management system, climate variability and facility resiliency, and water quality will continue to grow in importance and agency focus through the next strategic planning cycle.

As a result of these considerations and a focus on agency success in mind, the following changes are being implemented in the Water Production Division and the Science & Technical Division effective April 6, 2020.

New positions:

- Create Engineering Manager and Construction Manager positions reporting to the Engineering Support Senior Manager (Jon Kennedy).
- Form a Planning & Projects Department led by a Planning and Projects Manager position (new) that would report to the Chief Science and Technical Officer (Ken Herd).
- Create a technical position entitled Process Control Specialist within the Operation & Maintenance section reporting to the Deputy Chief Operating Officer (Jack Thornburgh).
- The new manager positions will be posted internally; the Process Control Specialist will be posted both internally and externally.

Reporting Structure Changes for the Science and Technical Division:

- The Water Use Permitting Manager (Warren Hogg) will report directly to the Chief Science and Technical Officer (Ken Herd).
- Reassign and change title for Well Mitigation Professional Hydrogeologist, Domestic Well

Mitigation Program to Professional Hydrogeologist (Gordon Leslie) and report to Water Use Permitting Manager (Warren Hogg).

- The Monitoring and Mitigation Manager (Randy Reid) will report to the Water Quality Services Senior Manager (Steve Fleischacker) which moves the Monitoring and Mitigation department to water quality services.
- The Mitigation Coordinator position (Charlotte Moore) will be assigned to the Environmental Management System & Regulatory Compliance Department and will report to the Regulatory Compliance & Environmental Management System, Senior Manager (Thea Dunmire).
- The Planning Program Manager (Ivana Kajtezovic) will report to the Planning & Projects Manager.
- The Planning & System Decision Support Department will be renamed the System Decision Support Department.

The changes in both divisions are reflected in the attached organizational charts.

Recruitment sources: For recruitment efforts we are working with NEOGOV, Governmentjobs.com, LinkedIn, JobNews, Career Builder, Indeed, local schools and professional organizations including but not limited to, Florida Water and Pollution Control Operator's Association (FW&PCOA), Water Institute at University of Florida, American Water Works Association (AWWA), American Water Resources Association (AWRA), American Geophysical Union and RCI Recruitment Solutions.

- Workers Compensation:

Employee safety continues to be a high priority for the Agency. Reviewed Workers Compensation cases to ensure best care and return to work strategies. Participated in monthly Safety Team Meetings and continued to meet with Safety Services Manager on monthly basis.

- Employee Benefits:

Routine benefits administration activities and issues. Processed Family Medical Leave applications and answered questions. Continually reviewed all compliance requirements.

Participated in discriminatory testing of Flexible Spending plan.

- Performance Evaluation and Management:

Evaluations were prepared for employees who had completed his/her six (6) month probationary period.

Continued to investigate Human Resources Information Systems (HRIS) to use for the performance evaluation process.

- Training and Development:

In February, we held our Employee Meetings at Clearwater, Cypress Creek, and South locations and there was a General Manager's update, Human Resources updates and there was a Safety presentation.

The Training Coordination Team met and continued to review and adjust the Training Needs Matrix.

All new employees are required to pass a Proactive Defensive Driving Course: This is a twelve (12) module course that explores the causes and consequences of poor driving. It examines the difference between preventable and non-preventable collisions, as well as vehicle maneuvers to help avoid the preventable ones. Drivers also learn about the risk factors that exist outside of their vehicles, such as weather conditions and other drivers. All employees were assigned Defensive Driving Fundamentals training in October.

- Pay and Classifications:

Updated and amended job descriptions on an as-needed basis. Continued to coordinate with Managers, Officers and the General Manager on updating job descriptions.

Pay and Class Study: MGT Consulting Group continued working on the salary survey. We have worked with MGT to review job titles, responsibilities and qualifications so that the comparators are appropriate.

- Employee Relations:

The Human Resources Department remains diligent in their efforts to identify and resolve employee complaints in an expeditious and equitable manner to prevent their escalation. Conducted meetings with employees who have a variety of issues, such as: illness, family illness, FMLA, worker's compensation, retirement questions, stress, supervisor-employee issues, etc.

Scheduled One Blood - Blood Drives at Clearwater and Cypress Creek locations.

- Employee Appreciation Team:

The membership of the Employee Appreciation Team (EAT) includes equal representation from all agency divisions. The human resources generalist and the public affairs coordinator will serve as non-voting, co-chairs. The EAT assists in the development and implementation of programs and events that:

- Help to ensure employees are committed to the agency's mission and vision.
- Ensure employees are recognized for their work and professional achievements.
- Provide opportunities for all employee to connect on a regular basis.

Some of the events in this time period were:

At the culmination of the football challenge on January 31st, employees entered their best chili in the cook-off. Employees were encouraged to wear their favorite sports team jersey. The chili is judged by the employees and the winner receives a custom apron.

In January, the 2020 Transformation Challenge commenced. The focus of the challenge is to inspire employees to change old habits and to transform their lives. The programs are:

- Biggest Loser contest: The team with the highest percentage of weight loss from their original combined weigh-in after 12 weeks will win a prize. Also, the male and female with the highest percentage of weight loss will win a prize.
- High Steppers: This is an individual competition in which the winner is determined by the most steps taken during the challenge period.
- The Action Hero Challenge: This is an individual competition in which the winner is determined by the most active time logged during the challenge period.

Recordkeeping of all Personnel Data:

Human Resources continues to safeguard and maintain all employee personnel data and maintain all documentation required for compliance purposes. Human Resources (Skillsoft) serves as the Agency's centralized record keeper for training records.

Participated in monthly Equal Employment Opportunity Gender reporting.

Confidential advice to internal "customers" in relation to questions, issues or problems at work and/or at home – Human Resources offers confidential coaching and counseling to employees and managers on an as-needed basis for work related concerns. Spoke with several employees regarding the Family Medical Leave Act. Ongoing process. Made a few informal referrals to our Employee Assistance Program (EAP).

February and March 2020- Major Activities Included:

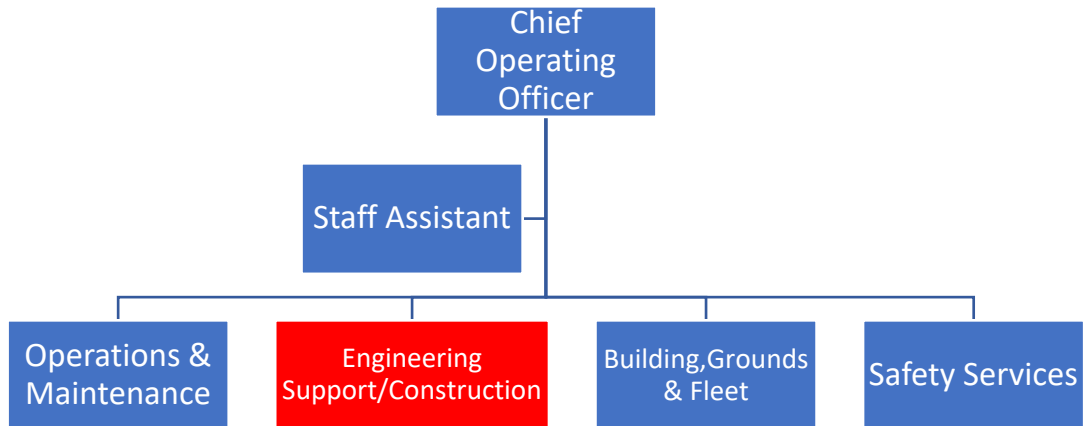
- Pay and Class Study ongoing
- Hired: Staff Assistant
- Posted new positions: Engineering Manager, Construction Manager, Planning & Projects Manager and Process Control Specialist
- Employee Appreciation Team:
 - Football Challenge
 - Chili Cookoff
 - Transformation (Fitness) Challenge:
 - Biggest Loser contest
 - High Steppers
 - The Action Hero Challenge

BACKGROUND

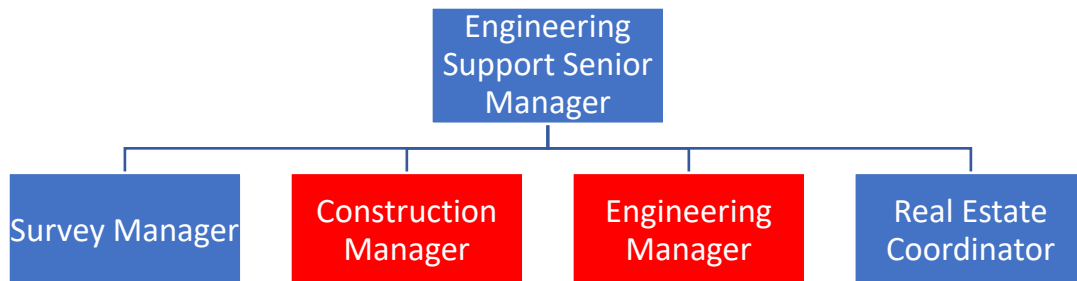
Attachment

Organizational Charts

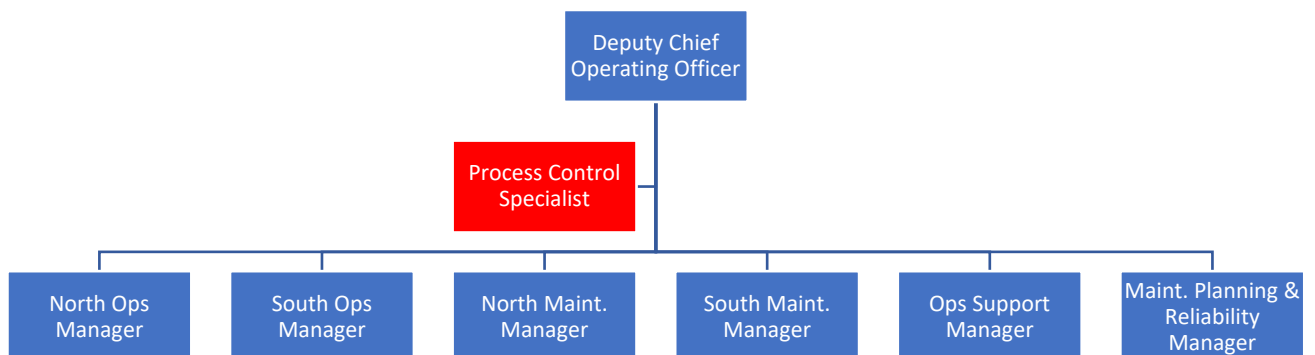
2020 Water Production Division Organizational Changes:



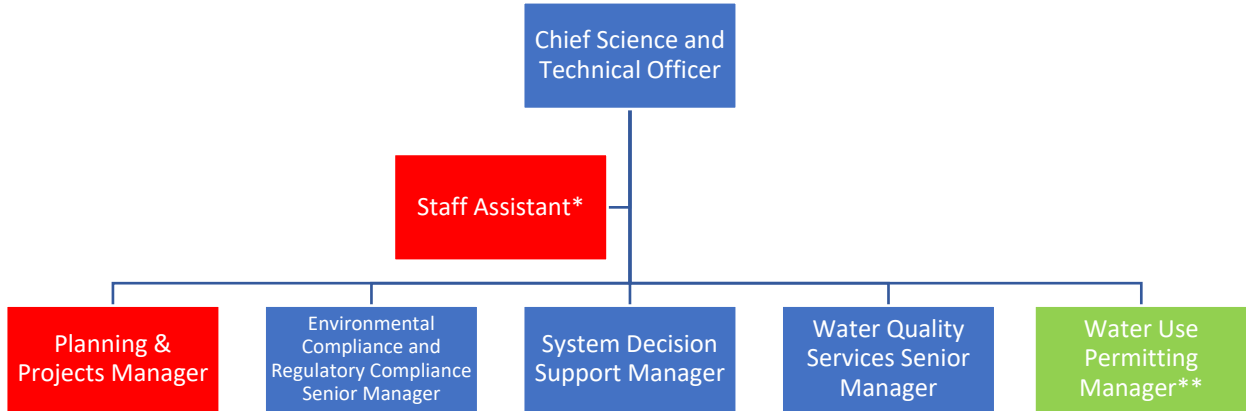
2020 Engineering & Construction Departments:



2020 Operations and Maintenance Organizational Change:



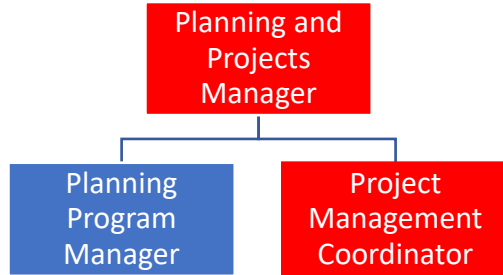
2020 Science & Technical Organizational Changes:



*Staff Assistant approved FY 2020 budget

**Please see explanation above

2020 Planning & Projects Department:



DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Barrie Buenaventura, General Counsel
SUBJECT: Legal Services Activity Report for February and March 2020 - *Receive Report*

SUMMARY

The General Counsel Activity Report summarizes the major activities and work effort of the General Counsel and provides an update on the status of ongoing litigation and any other matters being handled by Special Counsel.

SUGGESTED ACTION

Receive and File.

COST/FUNDING SOURCE

Uniform Rate.

DISCUSSION

The General Counsel provides legal services to the Board and agency staff and manages Special Counsel in their representation of Tampa Bay Water. During February and March 2020, the major activities and work effort for legal services included:

Board of Directors

- Attended the February Board meeting and advance briefings with Board members.

Administrative Matters

- Working with staff to develop policies and protocols in response to COVID-19.
- Advise staff on conducting Board meeting via media communications technology.
- Reviewing agency administrative rules for potential amendments or updates, in consultation with staff, as requested by the Joint Administrative Procedures Committee.

Facilities and Property

- Reviewed documents for, and advised agency staff regarding, real estate matters.
- Working with staff on property acquisition issues related to the Southern Hillsborough County Booster Station.
- Working with staff on property acquisition issues related to new pipeline in southern Hillsborough County.

Science and Technology

- Working with staff on legal issues related to meeting demands in southern Hillsborough County.
- Working with staff on issues related to water quality and contaminants of emerging concern.
- Participated in discussions with staff and attorney teams regarding PFAS.

Contracts and Procurement

- Reviewed contracts and contract amendments for commodities, construction, grants and professional services.
- Advised staff on ongoing procurement matters and assisted with bid review and contract negotiation.
- Advised staff on conducting selection committee meetings and bid openings in accordance with Governor's Executive Orders pertaining to COVID-19.

Legislative Matters

- Review bills addressing issues pertinent to Tampa Bay Water and discuss with staff and legislative team.
- Participate in calls with staff and legislative team as needed.

Coordination with Agency Management

- Participated in weekly meetings with the General Manager and Officers.

Litigation

Big Cat Rescue Corp. v. Tampa Bay Water et al, Case No. 2016-8904, Hillsborough County Circuit Court, Civil Division

Counsel: David Smith and Kristin Shusko, Gray Robinson Law Firm

Issue: Complaint for statutory way of necessity across property in which Tampa Bay Water has an easement for pipelines and appurtenant facilities.

Status: Tampa Bay Water served with Complaint in October 2016. Plaintiff filed Amended Complaint on January 8, 2019. Tampa Bay Water filed its Answer and Affirmative Defenses to Amended Complaint on January 17, 2019. Case remains pending.

Ruben Bazarte, Jr. v. Hillsborough County and Tampa Bay Water, Case No. 2018-275, Hillsborough County Circuit Court, Civil Division

Counsel: David Smith and Julia Mandell, Gray Robinson Law Firm

Issue: Complaint for damages based on allegations that Plaintiff's drinking water was contaminated with reclaimed water and wastewater. The Amended Complaint includes counts against Tampa Bay Water for negligence; violating the Safe Drinking Water Act; product liability; and breach of warranty.

Status: Tampa Bay Water's insurer is providing a defense to the lawsuit. Discovery is ongoing

BACKGROUND

N/A

DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Barrie Buenaventura, General Counsel
SUBJECT: Legal Services Budget Report for February and March 2020 - *Receive Report*

SUMMARY

This item presents the status of the budget for the General Counsel and legal services for February and March 2020.

SUGGESTED ACTION

Receive and File.

COST/FUNDING SOURCE

Uniform Rate

DISCUSSION

As of March 31, 2020, with invoices received through six months of FY 2020, legal expenditures approved for payment totaled \$132,721.56. All expenditures were associated with general operations activities and appropriately paid for from the Uniform Rate. Attached are spreadsheets showing payments made to each law firm in February and March 2020.

BACKGROUND

N/A

Attachment

STATUS OF LEGAL BUDGET - FY 2020
AS OF FEBRUARY 29, 2020

Law Firm	Tasks	PO Amount & PO Number	Monthly Expenditures	Expenditures to Date	Remaining PO Amount
Busack Law Firm	Real Property and Eminent Domain	\$20,000 PO# 20-0179	\$0	\$0	\$20,000.00
Conn & Buenaventura, P.A.	General Counsel Services (under contract 2018-44 in effect 5/1/2018-4/30/2021)	\$214,500 PO# 20-0224	\$16,396.60	\$65,719.35	\$148,780.65
Conn & Buenaventura, P.A.	Special Assignments Outside Scope of General Counsel Contract	\$20,000 PO# 20-0181	\$0	\$0	\$20,000.00
Dean Mead, P.A.	Legislative, Administrative Law, Environmental Law	\$120,000 PO# 20-0183	\$6,746.67	\$34,493.83	\$85,506.17
Gray Robinson, P.A.	Admin, Construction, Contracts, Civil Claims, Employment, Property, etc.	\$30,000 PO# 20-0184	\$1,972.50	\$6,278.11	\$23,721.89
Nabors, Giblin & Nickerson, P.A.	Admin, Construction, Contracts, Civil Claims, Property, etc.	\$30,000 PO# 20-0185	\$0	\$0	\$30,000.00
Stearns Weaver	Admin, Construction, Contracts, Civil Claims, Property, etc.	\$20,000 PO# 20-0186	\$3,049.00	\$3,049.00	\$16,951.00
TOTALS		\$454,500	\$25,115.77	\$109,540.29	\$344,959.71

Total Budget: \$545,000 Allocated Funds: \$454,500 Unallocated Funds: \$90,500

STATUS OF LEGAL BUDGET - FY 2020
AS OF MARCH 31, 2020

Law Firm	Tasks	PO Amount & PO Number	Monthly Expenditures	Expenditures to Date	Remaining PO Amount
Busack Law Firm	Real Property and Eminent Domain	\$20,000 PO# 20-0179	\$0	\$0	\$20,000.00
Conn & Buenaventura, P.A.	General Counsel Services (under contract 2018-44 in effect 5/1/2018-4/30/2021)	\$214,500 PO# 20-0224	\$16,494.60	\$82,213.95	\$132,286.05
Conn & Buenaventura, P.A.	Special Assignments Outside Scope of General Counsel Contract	\$20,000 PO# 20-0181	\$0	\$0	\$20,000.00
Dean Mead, P.A.	Legislative, Administrative Law, Environmental Law	\$120,000 PO# 20-0183	\$6,686.67	\$41,180.50	\$78,819.50
Gray Robinson, P.A.	Admin, Construction, Contracts, Civil Claims, Employment, Property, etc.	\$30,000 PO# 20-0184	\$0	\$6,278.11	\$23,721.89
Nabors, Giblin & Nickerson, P.A.	Admin, Construction, Contracts, Civil Claims, Property, etc.	\$30,000 PO# 20-0185	\$0	\$0	\$30,000.00
Stearns Weaver	Admin, Construction, Contracts, Civil Claims, Property, etc.	\$20,000 PO# 20-0186	\$3,049.00	\$3,049.00	\$16,951.00
TOTALS		\$454,500	\$23,181.27	\$132,721.56	\$321,778.44

Total Budget: \$545,000 Allocated Funds: \$454,500 Unallocated Funds: \$90,500

DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Michelle Stom, Chief Communications Officer
SUBJECT: Public Affairs Activity Report – February and March 2020 - *Receive Report*

SUMMARY

The Public Affairs activity report summarizes the key activities for communications, planning and outreach, and government affairs for February 2020 and March 2020.

SUGGESTED ACTION

Receive Report

COST/FUNDING SOURCE

N/A

DISCUSSION

The Public Affairs division develops and executes strategic initiatives to advocate for the agency and its members; builds and maintains the agency reputation; provides education, information and outreach on agency projects, programs and policies to stakeholders; and develops and implements critical water supply plans. Division responsibilities include public communications, outreach and education, and grant funding and government affairs. For February and March 2020, Public Affairs:

- Coordinated with the demand management program administrator and working group on regional

marketing strategies in preparation for creating a regional marketing plan for the Tampa Bay Water Wise program.

- Continued project to procure and implement the Granicus software and meeting management technology to manage board and executive committee processes and meetings.
- Coordinated board workshop facilitators and workshop locations for future board facilitated workshops.

Public Communications, Outreach and Education

Public Communications, Outreach and Education develop and execute strategic communications programs that support and promote agency projects, policies and initiatives, and build and maintain relationships with agency stakeholders. Activities completed in February and March 2020, include:

Outreach & Education

- Coordinated and scheduled 12 tours for approximately 142 guests of the Tampa Bay Seawater Desalination Plant, Regional Surface Water Treatment Plant, Regional Reservoir, Operations Facilities and Regional Wellfields. Facility tours have been canceled to protect against the spread of COVID-19.
- Continued working with the Glazer Children's Museum on developing water exhibits and supporting educational videos for museum guests.
- Sponsored and exhibited at the Florida Water Festival on March 7 to speak with residents about the sources of their water, water quality, conservation and source water protection.
- Continued marketing planning for 2020 Tampa Bay Water-Wise Awards program including a website redesign for continuity with the Tampa Bay Water Wise demand management rebate program.
- Created supporting materials package for staff presenters at the UF Water Institute Symposium held on February 25 and 26, 2020.

Public Communication & Information

- Informed news media and responded to news media requests regarding the COVID-19 virus and public water supply, Tampa Bay Water Wise and reservoir siren tests.
- Completed public information for monthly reservoir emergency siren tests.
- Monitored news media and distributed news clips.
- Maintained and updated the agency websites and intranet.
- Continued online communications through the agency's social media channels including COVID-19 messaging.
- Responded to public requests for information regarding Tampa Bay Water and its projects.
- Drafted and distributed Water News, agency newsletter.
- Continued developing the Integrated Hydrologic Model web portal – a collaborative effort with the Southwest Florida Water Management District.

- Completed the 2019 Water Quality Report, or Consumer Confidence Report.
- Planned news media training for agency spokespeople.

Employee Communications

- Drafted and distributed The Source, employee newsletter.
- Implemented employee recognition and appreciation activities through the Employee Appreciation Team.
- Implemented internal communications related to COVID-19.

Coordination

- Managed audio/visual production for regular board meeting and executive committee meetings.
- Installed and coordinated audio/visual equipment to support Granicus implementation.
- Configured audio/visual equipment to support board facilitated workshops.
- Coordinated with the demand management program administrator and working group on regional marketing strategies and meeting facilitation.
- Coordinated printing of agency business cards and letterhead.
- Continued updating the agency's board-level business intelligence dashboard to report on Strategic Plan key performance indicators.
- Graphics support for staff.
- Continued project to procure and implement a cloud software system to manage board and executive committee meetings with electronic voting, minutes automation, and a live streaming solution to improve and automate the way we deliver live and archived meeting videos.

Grant Funding and Government Affairs

Grant Funding and Government Affairs is responsible for developing and implementing strategic positions and priorities for the Agency's legislative, grant funding and regulatory policy initiatives. Activities in February and March 2020 included:

- Supported and provided information for grant funding requests in Florida House and Florida Senate for the Cypress Bridge Wellfield Improvements and Starkey Wellfield Improvements projects to pursue funding in the 2020 legislative session.
- Reviewed and commented on water legislation to ensure consistency with board-approved legislative goals and priorities; coordinated with grant funding and legislative assistance consultant and legislative counsel, as necessary.
- Reviewed Federal topics and legislation with the Tampa Bay Water federal consultant, Bose Public Affairs, specifically concentrating on federal legislation regarding water funding, infrastructure, healthcare, and environmental regulations.

BACKGROUND

N/A

DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Christina Sackett, Chief Financial Officer
SUBJECT: Finance and Administration Services Activity Report – February and March 2020 –
Receive and File - Receive Report

SUMMARY

The Finance and Administrative Services report summarizes the key activities of the financial services, purchasing, records and risk management plus information technology departments for the months of February and March 2020.

SUGGESTED ACTION

Receive and File

COST/FUNDING SOURCE

N/A

DISCUSSION

The major activities and work effort of the departments which comprise Finance and Administrative Services for the months of February and March 2020 are included in the activity report. Below are some of the month's highlights.

1. Preparation of Proposed Fiscal Year 2021 Budget document.

2. Reached out to critical chemical suppliers to ensure continuity during this crisis and began tracking responses.
3. Completed review and selection of insurance consultant/broker via piggyback contract through Clay County, FL.
4. Data loading for Long Term Demand Forecast System (LTDFS).

Financial Services:

Financial Services has a staff of seven to manage the Agency's \$184.0 million operating budget, \$293.0 million in financial assets and debt of \$904.4 million. Department responsibilities include:

- Capital and operating budget preparation and monitoring
- Accounting, financial and compliance reporting, and audit preparation
- Payroll processing and employee benefit management and reporting
- Purchase requisition review, purchase order and accounts payable processing and control
- Water production and grants billing and receivables
- Inventory accounting and control
- Fixed assets management and control
- Debt management, arbitrage and compliance reporting
- Cash and investment management
- Policy and procedure development
- Federal and state tax reporting

February & March 2020 Activities Included:

- Preparation of Proposed Fiscal Year 2021 Budget document.
- Finalized the Popular Annual Financial Report (PAFR) for Fiscal Year 2019.
- Continued to work with investment advisor, Chandler Asset Management, to monitor investment options for management of funds.

Staff also participates in various interdepartmental meetings and program development. All monthly financial data processing, accounting, reporting and agenda preparation activities were completed; continued monthly billings to the District under the cooperative funding agreement; provided financial review of various contracts and agreements.

Purchasing:

The Purchasing Department is responsible for assisting in the needs of the 155 full time equivalent employee positions of Tampa Bay Water in the areas of:

- Procurement
- Contracts
- Inventory

February & March 2020 Activities Included:

- In the usual course of business, the purchasing team Processed Bids, Contracts, Renewals, Amendments, and Sole Source Purchases as needed in support of agency business. We also continued processing and entering agency-wide inventory requests and special purchases.
- Stacy Gundry, Regina Kavanagh and Jordan Millsaps attended the Tampa Bay Area Chapter (TBAC) National Institute for Government Procurement (NIGP) quarterly meeting on March 6th.
- Stacy attended the NIGP Leadership Chapter Academy training February 20-22nd in her new capacity as Secretary.
- Regina attended the NIGP Contract Administration in the Public Sector course February 26-28.
- Stacy and Teresa Collins attended a National Association of Procurement Card Professionals (NAPCP) webinar which presented an overview of the newly released Gov/K-12 Best Practices Guide.
- Teresa and Billy Havee attended webinars on the Coronavirus impact on Supply Chains.
- Teresa and Stacy reached out to critical chemical suppliers to ensure continuity during this crisis and began tracking responses.
- The warehouse team set up a will call area and began taking orders via emailed pick-tickets to reduce staff interaction and risk.
- Greg, Billy and Teresa worked to source key items such as hand sanitizer and masks.
- The purchasing team also set up alternative methods for key processes to reduce interaction and risk. They also transitioned to working remotely with a rotating schedule so one person is in the office as long as it remains open. We worked with IT to set up a Sharefile site to receive electronic bids as well.
- The Womens Business Enterprise Network Council (WBENC) Summit and Salute educational conference which Teresa was to attend March 16-18 was postponed.
- The March meeting of the Small Business Enterprise (SBE) Collaborative group with other representatives from Pinellas County public entities was also cancelled.
- Teresa, Greg and Billy continued to work with MUNIS, Quatred software provider and IT staff to address issues with the walk-up-issue transaction on the hand-held devices
- The warehouse renovation project is still delayed due to permitting issues. The next step is a draft permit to be approved at the April Board Meeting.
- The department's year to date annual cost savings/cost avoidance/revenue generation for the agency for FY 2020 is currently **\$5,556.45**
- February Inventory – Item Count = 2,554 and Total Value = \$ 931,836.58
- March Inventory – Item Count = 2,553 and Total Value = \$ 930,984.52

Records and Insurance:

The Records Department is the central repository for the Agency's records. The department is responsible for responding to public records requests and assisting staff in complying with applicable public record laws regarding the Agency's retention, management and disposition of records. The department also assists with agenda preparation, distribution and posting; office supplies and equipment; equipment maintenance; and mail distribution services. The department also assists with

facility maintenance and fleet management services at the Clearwater office.

The Records Manager is also responsible for the Agency's insurance programs and provides staff and vendors assistance regarding required insurance coverage.

February & March 2020 Activities Included:

- Continue regular review of records for standard disposition.
- Continue with the Agency's certificate of insurance verification program for outside contractors.
- Continue review of permit files – both electronic and paper.
- Completed budget requests for FY2021.
- Completed review and selection of insurance consultant/broker via piggyback contract thru Clay County, FL.

Information Technology:

The Information Technology group, which supports the agency's technology, communications, DATA and computer systems, is composed of four cross functional areas all with the same operational focus of providing resources for water production. In alignment with the Agency's Strategic Plan, the Information Technology Departments most critical areas of support are SCADA, the Laboratory Information Management System, the Enterprise Data Warehouse, and the financial accounting system of record.

The Information Technology group, which supports the agency's technology, communications and computer systems, is composed of four cross functional departments: Applications, Systems, SCADA and Cybersecurity.

February & March 2020 Activities Included:

IT Applications:

The IT Applications group maintains a complex data warehouse environment that holds all Agency enterprise data and writes custom software as needed by other departments. In addition, IT Applications provides end-user support for much Agency software and bulk data loads for databases, administrates the agency's financial system, and documents existing applications and data flows. The group also supports Geographic Information Systems (GIS) for the agency.

- Changes to applications and databases to support remote work and COVID-19 response.
- Long Term Demand Forecast System (LTDFS) data loading.
- Consumption and conservation data transfer to H2OSAV.
- Document Control Management (M-Files) system continued implementation.
- Changing method and location of file transfers (SFTP) with member government and district.
- Clean-up of 6 billion unnecessary Maximo database records for performance optimization.
- Working with GIS consultant to continue GIS re-organization and database scheme transition.
- Aerial imagery digitization and proxy file creations for historical data sets.
- General applications and data support.

IT Systems:

The IT Systems Group installs and maintains the Agency's computer hardware (servers, PCs, mobile laptops, printers), data networks (within buildings and between locations), computer operating systems and communication systems. IT Systems also performs computer maintenance support throughout Tampa Bay Water, including daily and weekly data backups, maintaining our network security systems, and configuring and performing maintenance on our Supervisory Control and Data Acquisition (SCADA) systems.

- Development of project plan/SOP to implement dual-factor authentication on all Agency devices whether external or internal to the network.
- Development of project plan to have technology vendor assist Agency with network documentation.
- Evaluation of software from Forescout network monitoring to help identify all network activity and detailed information of workstations.
- Purchased Palo Alto Global Protect which will act as a backup VPN connection for Pulse Connect.
- Development of project to implement VMware NSX that will provide the Agency a disaster recovery option as well as security for our servers.

SCADA Systems:

The IT SCADA group is responsible for the ongoing development, maintenance and security of the Survalent SCADA system. This includes managing the communications infrastructure.

- SCADA Master plan: A final presentation by the consultant was held and the project is now closed.
- SCADA hardware upgrade: The upgrade has been finished and the project is closed.
- We are still supporting the HSPS generators project which is pending the final test
- CIP Historian Project: The proof of concept is in progress on the SCADA TEST system
- CIP Network Micro-segmentation project: The project has already started and we had multiple meetings with the vendor and integrator. They provided an SOW and a quote. However, there are several options for

the Disaster Recovery design which has to be internally determined. Some of the options include a colocation data center, running on the cloud as bare metal, or using the cloud in a IaaS model (Infrastructure as a Service)

- SCADA Communications: An internal discussion is to be held to discuss all the options in light of the suggestions of the SCADA Master Plan and the fact that we received quotes from Frontier and Verizon to upgrade our network.
- Continued 24/7 support for SCADA
- Continued supporting other projects and efforts in the organization such as energy management, wellfield upgrades, and water quality and system modeling.

BACKGROUND

N/A

DATE: April 6, 2020

TO: Board of Directors

THRU: Matt Jordan, General Manager

FROM: Christina Sackett, Chief Financial Officer

SUBJECT: Comprehensive check list with Delegated Check Approval items for January and February 2020 - *Status Report*

SUMMARY

Attached is a list of all checks and wire transfers written for the months of January and February 2020. Additional information is provided for checks over \$50,000 and for delegated approval items.

SUGGESTED ACTION

Receive and File

COST/FUNDING SOURCE

NA

DISCUSSION

The attached report lists all checks and wire transfers which have been written during the months of January and February 2020. To provide the Board additional information, a description is included for all delegated approval item payments. Delegated approval items were authorized by the General Manager under his delegated approval authority and are marked "Delegated Approval".

Items with delegated approval are generally items such as payroll taxes, Florida Retirement System, utilities, and so forth, which are approved by the board in the budget process but for which there is not a specific approved contract or agenda item.

By policy, the General Manager is authorized to approve all expenditures of \$100,000 or less. All contractual obligations or purchase orders issued in excess of \$100,000 are approved by the board through the contract approval, agenda approval, or budget approval processes. The comprehensive check list includes a description for all payments over \$50,000 and identifies those items previously approved by the board with "Receive".

BACKGROUND

Attachments

TAMPA BAY WATER

CHECK REGISTER - FEB 2020

<u>CHECK#</u>	<u>CHECK DATE</u>	<u>VENDOR NAME</u>	<u>CHECK AMOUNT</u>	<u>DESCRIPTION</u>	<u>APPROVE/RECEIVE</u>
617711	02/06/2020	AIR CENTERS OF FLORIDA, INC.	2,614.35		
617712	02/06/2020	AIRGAS USA, LLC	12,672.72		
617713	02/06/2020	AIRGAS SOUTH, INC.	20.77		
617714	02/06/2020	ALLIED UNIVERSAL CORPORATION	45,578.81		
617715	02/06/2020	AMERICAN EXPRESS TRAVEL RELATED SERVICES CO INC	55.00		
617716	02/06/2020	AMERICAN EXPRESS TRAVEL RELATED SERVICES CO INC	55.00		
617717	02/06/2020	AMERICAN EXPRESS TRAVEL RELATED SERVICES CO INC	55.00		
617718	02/06/2020	AMERICAN EXPRESS TRAVEL RELATED SERVICES CO INC	676.56		
617719	02/06/2020	AMERICAN FACILITY SERVICES, INC.	2,399.97		
617720	02/06/2020	APPLIED ECOLOGY, INC	7,101.88		
617721	02/06/2020	BEAUX ARTS GROUP	5,969.49		
617722	02/06/2020	BLACK & VEATCH CORPORATION	41,679.00		
617723	02/06/2020	BLUE SKY ENVIRONMENTAL LLC	3,120.00		
617724	02/06/2020	BRIGHT HOUSE NETWORKS LLC	3,360.53	UTILITIES - INTERNET	DELEGATED APPROVAL
617725	02/06/2020	MCTEMPO INVESTMENT	36.00		
617726	02/06/2020	CARMEUSE LIME & STONE, INC.	21,634.08		
617727	02/06/2020	CDM SMITH INC	11,000.00		
617728	02/06/2020	CDW LLC	53,470.00	DELL XPS LAPTOPS	RECEIVE
617729	02/06/2020	CERTIFIED RECORDS MANAGEMENT	904.36		
617730	02/06/2020	CHEMICAL SYSTEMS OF ORLANDO, INC.	8,835.00		
617731	02/06/2020	CINTAS CORPORATION	353.64		
617732	02/06/2020	CITY OF CLEARWATER UTILITIES	2,329.51	UTILITIES - WATER	DELEGATED APPROVAL
617733	02/06/2020	CONN & BUENAVENTURA, P.A.	16,396.60		
617734	02/06/2020	DUKE ENERGY CORPORATION	8,010.45	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617735	02/06/2020	ELECTRICAL ENGINEERING ENTERPRISES INC	3,315.00		
617736	02/06/2020	ENVIRONMENTAL SCIENCE ASSOCIATES CORPORATION	21,010.00		
617737	02/06/2020	FCX, LLC	1,848.00		
617738	02/06/2020	FEDERAL EXPRESS CORPORATION	183.68		
617739	02/06/2020	FISHER SCIENTIFIC COMPANY LLC	1,711.19		
617740	02/06/2020	FLORIDA DEPT OF STATE	55.02		
617741	02/06/2020	STEPHEN FOSTER	41.40		
617742	02/06/2020	FRONTIER COMMUNICATIONS	120.98	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617743	02/06/2020	FRONTIER COMMUNICATIONS	156.33	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617744	02/06/2020	GRAY ROBINSON, P.A.	1,035.00		
617745	02/06/2020	GUROBI OPTIMIZATION, INC.	24,000.00		
617746	02/06/2020	HACH COMPANY	10,518.41		
617747	02/06/2020	HAWKINS, INC.	1,322.70		
617748	02/06/2020	HAZEN & SAWYER, P.C.	22,753.00		
617749	02/06/2020	HSW ENGINEERING INC	2,945.00		
617750	02/06/2020	ARROW EXTERMINATORS	185.00		
617751	02/06/2020	JOHNSTON, MIRMIRAN & THOMPSON, INC.	514.00		
617752	02/06/2020	KEMIRA WATER SOLUTIONS, INC.	29,650.53		
617753	02/06/2020	LHOIST NORTH AMERICA OF ALABAMA, LLC	13,780.79		
617754	02/06/2020	MAKO GROUP LLC	11,762.12		
617755	02/06/2020	MATHESON TRI-GAS INC.	26,544.35		
617756	02/06/2020	MARIBEL MEDINA	2,163.00		
617757	02/06/2020	METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA	15,000.00		
617758	02/06/2020	ODYSSEY MANUFACTURING COMPANY	26,921.66		
617759	02/06/2020	PASCO COUNTY OFFICES	15,305.20		
617760	02/06/2020	PIPER FIRE PROTECTION, INC.	9,209.06		
617761	02/06/2020	POLYDYNE INC	9,768.66		

TAMPA BAY WATER

CHECK REGISTER - FEB 2020

<u>CHECK#</u>	<u>CHECK DATE</u>	<u>VENDOR NAME</u>	<u>CHECK AMOUNT</u>	<u>DESCRIPTION</u>	<u>APPROVE/RECEIVE</u>
617762	02/06/2020	PVS TECHNOLOGIES, INC.	13,610.02		
617763	02/06/2020	QUATRED, LLC	1,061.00		
617764	02/06/2020	REPUBLIC SERVICES OF FLORIDA	282.89		
617765	02/06/2020	RICK RICHARDS, INC.	11,550.00		
617766	02/06/2020	RICOH USA, INC.	22.74		
617767	02/06/2020	RING POWER CORPORATION	4,668.10		
617768	02/06/2020	ALBERT E ROLLER	13,928.26		
617769	02/06/2020	ROWLAND INC	43,645.01		
617770	02/06/2020	S & C JANITORIAL, INC	2,866.24		
617771	02/06/2020	SAINT THOMAS EPISCOPAL CHURCH	2,000.00		
617772	02/06/2020	SULPHURIC ACID TRADING CO. INC	53,872.38	CHEMICAL SULFURIC ACID	RECEIVE
617773	02/06/2020	TAMPA BAY SYSTEM SALES	1,028.69		
617774	02/06/2020	TAMPA ELECTRIC CO	387,838.20	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617775	02/06/2020	TAMPA ELECTRIC CO	3,818.74	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617776	02/06/2020	TANNER INDUSTRIES, INC.	3,107.36		
617777	02/06/2020	THYSSENKRUPP ELEVATOR	1,560.44		
617778	02/06/2020	TYLER TECHNOLOGIES, INC.	700.00		
617779	02/06/2020	ULINE INC.	6,146.36		
617780	02/06/2020	VEOLIA WATER NORTH AMERICA	17,647.84		
617781	02/06/2020	HAYS HOLDING CORPORATION	10,385.00		
617782	02/06/2020	VERIZON WIRELESS COMMUNICATIONS LLC	2,986.14	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617783	02/06/2020	VERIZON WIRELESS COMMUNICATIONS LLC	625.79	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617784	02/06/2020	VERIZON WIRELESS COMMUNICATIONS LLC	3,101.75	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617785	02/06/2020	VERIZON WIRELESS COMMUNICATIONS LLC	9,282.53	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617786	02/06/2020	WASTE MANAGEMENT INC. OF FLORIDA	758.14		
617787	02/06/2020	WATER & AIR RESEARCH, INC.	27,944.08		
617788	02/06/2020	KENDRA WILKES	13.80		
617789	02/06/2020	WILLIAMS SCOTSMAN, INC	2,873.65		
617790	02/06/2020	WITHLACOOCHEE RIVER ELECTRIC	93,219.54	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
WIRE	02/06/2020	FLORIDA DIV OF RETIREMENT CASHIER	182,353.51	FEDERAL PAYROLL TAX DEPOSIT	DELEGATED APPROVAL
617791	02/13/2020	ADVANCED ENVIRONMENTAL LABORATORIES, INC	1,496.00		
617792	02/13/2020	AMERICAN FAMILY LIFE ASSURANCE COMPANY OF COLUMBUS	1,711.48		
617793	02/13/2020	AIRGAS USA, LLC	5,153.77		
617794	02/13/2020	AIRGAS SOUTH, INC.	177.02		
617795	02/13/2020	ALLIED UNIVERSAL CORPORATION	38,625.87		
617796	02/13/2020	J.C. EHRlich CO.	374.99		
617797	02/13/2020	AMERICAN ACQUISITION GROUP, LLC	10,142.83		
617798	02/13/2020	AMERICAN EXPRESS TRAVEL RELATED SERVICES CO INC	55.00		
617799	02/13/2020	AMERICAN EXPRESS TRAVEL RELATED SERVICES CO INC	77.04		
617800	02/13/2020	ATKINS NORTH AMERICA, INC.	9,581.30		
617801	02/13/2020	AURIGO SOFTWARE TECHNOLOGIES INC	39,001.90		
617802	02/13/2020	AVI INTEGRATORS INC	2,572.50		
617803	02/13/2020	DAVID E BRACCiano	109.48		
617804	02/13/2020	CARDNO, INC	5,975.00		
617805	02/13/2020	CARMEUSE LIME & STONE, INC.	48,322.02		
617806	02/13/2020	CITY OF CLEARWATER POLICE DEPT	165.00		
617807	02/13/2020	CROSS PEST CONTROL OF TAMPA INC	80.00		
617808	02/13/2020	ECHOSAT, INC.	29.95		
617809	02/13/2020	ENERGYCAP, INC.	13,937.00		
617810	02/13/2020	RAYMOND ERCOLANO	160.00		
617811	02/13/2020	FISHER SCIENTIFIC COMPANY LLC	120.97		

TAMPA BAY WATER
CHECK REGISTER - FEB 2020

<u>CHECK#</u>	<u>CHECK DATE</u>	<u>VENDOR NAME</u>	<u>CHECK AMOUNT</u>	<u>DESCRIPTION</u>	<u>APPROVE/RECEIVE</u>
617812	02/13/2020	FRONTIER COMMUNICATIONS	126.98	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617813	02/13/2020	GEOGRAPHIC INFORMATION SERVICES, INC.	5,818.49		
617814	02/13/2020	GOVDEALS, INC	99.19		
617815	02/13/2020	GREENMAN-PEDERSEN, INC.	5,701.79		
617816	02/13/2020	HAWKINS, INC.	1,958.20		
617817	02/13/2020	HAZEN & SAWYER, P.C.	1,252.50		
617818	02/13/2020	HILLSBOROUGH COUNTY	16.17	UTILITY PAYMENT	DELEGATED APPROVAL
617819	02/13/2020	INDUSTRIAL SCIENTIFIC CORPORATION	1,265.33		
617820	02/13/2020	KEMIRA WATER SOLUTIONS, INC.	24,613.54		
617821	02/13/2020	MATHESON TRI-GAS INC.	6,540.00		
617822	02/13/2020	MC SQUARED, INC.	5,000.00		
617823	02/13/2020	MCMASTER-CARR	762.89		
617824	02/13/2020	METAL CULVERTS, INC.	5,220.00		
617825	02/13/2020	MICHIGAN STATE DISBURSEMENT UNIT	225.52	CHILD SUPPORT	DELEGATED APPROVAL
617826	02/13/2020	MILLER BUILDING & REPAIR SERVICES, INC.	565.00		
617827	02/13/2020	MISSION CAR WASH, INC.	65.99		
617828	02/13/2020	ODYSSEY MANUFACTURING COMPANY	17,301.44		
617829	02/13/2020	OFFICE DEPOT	2,799.36		
617830	02/13/2020	PALMA CEIA LOCK & KEY, INC.	168.75		
617831	02/13/2020	PASCO COUNTY OFFICES	34,708.59		
617832	02/13/2020	PIPER FIRE PROTECTION, INC.	3,616.08		
617833	02/13/2020	RICOH USA, INC.	50.22		
617834	02/13/2020	RING POWER CORPORATION	5,122.63		
617835	02/13/2020	LUIS RODRIGUEZ	180.00		
617836	02/13/2020	RYAN HERCO PRODUCTS CORPORATION	454.57		
617837	02/13/2020	BAY AREA SECURITY SHRED, INC.	40.00		
617838	02/13/2020	KIM SISCO	138.00		
617839	02/13/2020	STATE OF FLORIDA DISBURSEMENT UNIT	82.82	CHILD SUPPORT	DELEGATED APPROVAL
617840	02/13/2020	STATE OF FLORIDA DISBURSEMENT UNIT	152.77	CHILD SUPPORT	DELEGATED APPROVAL
617841	02/13/2020	SULPHURIC ACID TRADING CO. INC	22,679.75		
617842	02/13/2020	SANDRO SVRDLIN	66.70		
617843	02/13/2020	TAMPA BAY SYSTEM SALES	24,685.61		
617844	02/13/2020	TANNER INDUSTRIES, INC.	4,037.85		
617845	02/13/2020	BAMBI TARRANT	417.56		
617846	02/13/2020	UNIVERSITY OF SOUTH FLORIDA	25,460.00		
617847	02/13/2020	HAYS HOLDING CORPORATION	21,723.39		
617848	02/13/2020	VERIZON CONNECT NWF, INC.	245.90	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617849	02/13/2020	VERIZON WIRELESS COMMUNICATIONS LLC	1,296.26	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617850	02/13/2020	W W GRAINGER INC	1,122.96		
617851	02/13/2020	NISAI WANAKULE	1,377.84		
617852	02/13/2020	WASTE MANAGEMENT INC. OF FLORIDA	1,043.98		
617853	02/13/2020	WATER & AIR RESEARCH, INC.	312.48		
617854	02/13/2020	WHARTON-SMITH INC	209,484.90	CYPRESS CREEK PURCHASING WAREHOUSE REPLACEMENT	RECEIVE
617855	02/13/2020	WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS, INC	2,150.70		
617856	02/13/2020	WRIGHT EXPRESS CORPORATION	9,855.84		
WIRE	02/14/2020	INTERNAL REVENUE SERVICE	116,981.77	FEDERAL PAYROLL TAX DEPOSIT	DELEGATED APPROVAL
WIRE	02/14/2020	INTERNAL REVENUE SERVICE	14,427.81	FEDERAL PAYROLL TAX DEPOSIT	DELEGATED APPROVAL
617857	02/20/2020	ADVANCED ENVIRONMENTAL LABORATORIES, INC	68.00		
617858	02/20/2020	AIRGAS USA, LLC	3,299.11		
617859	02/20/2020	ALLIED UNIVERSAL CORPORATION	41,635.93		
617860	02/20/2020	ALPHA BUSINESS SERVICES, LLC	300.42		

TAMPA BAY WATER
CHECK REGISTER - FEB 2020

<u>CHECK#</u>	<u>CHECK DATE</u>	<u>VENDOR NAME</u>	<u>CHECK AMOUNT</u>	<u>DESCRIPTION</u>	<u>APPROVE/RECEIVE</u>
617861	02/20/2020	TIRUSEW ASEFA	254.12		
617862	02/20/2020	AT&T MOBILITY II, LLC	36.24	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617863	02/20/2020	AUDIO VISUAL INNOVATIONS INC	10,325.67		
617864	02/20/2020	AUTOMATIONDIRECT.COM, INC.	546.00		
617865	02/20/2020	BAYSIDE COATINGS INC	6,881.16		
617866	02/20/2020	CARDNO, INC	7,920.00		
617867	02/20/2020	CARMEUSE LIME & STONE, INC.	14,238.25		
617868	02/20/2020	CHANDLER ASSET MANAGEMENT, INC.	6,061.99		
617869	02/20/2020	CORCORAN & ASSOCIATES, INC.	10,705.00		
617870	02/20/2020	CABLEXPRESS CORPORATION	4,696.00		
617871	02/20/2020	FISHER SCIENTIFIC COMPANY LLC	903.18		
617872	02/20/2020	BLUE CROSS BLUE SHIELD OF FLORIDA	4,088.14		
617873	02/20/2020	FLUID CONTROL SPECIALTIES, INC.	84,021.00	BAILEY SLEEVE VALVE REPAIR AT CENTRAL HILLSB WATER TREATMENT PLANT	RECEIVE
617874	02/20/2020	FRONTIER COMMUNICATIONS	136.82	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617875	02/20/2020	FRONTIER COMMUNICATIONS	140.98	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617876	02/20/2020	GEOGRAPHIC INFORMATION SERVICES, INC.	15,025.01		
617877	02/20/2020	JOHN H GRANGER MAINTENANCE & CONSTRUCTION, INC.	11,650.00		
617878	02/20/2020	GRAYBAR ELECTRIC COMPANY INC	730.43		
617879	02/20/2020	GSI ENVIRONMENTAL, INC.	36,567.75		
617880	02/20/2020	HACH COMPANY	3,970.18		
617881	02/20/2020	HAWKINS, INC.	1,295.20		
617882	02/20/2020	TENCARVA MACHINERY COMPANY	1,188.00		
617883	02/20/2020	ARROW EXTERMINATORS	75.00		
617884	02/20/2020	KEMIRA WATER SOLUTIONS, INC.	74,058.38	CHEMICAL FERRIC SULFATE	RECEIVE
617885	02/20/2020	CLIFTONLARSONALLEN LLP	50,000.00	2020 MANAGEMENT AND PERFORMANCE AUDIT	RECEIVE
617886	02/20/2020	LHOIST NORTH AMERICA OF ALABAMA, LLC	6,489.71		
617887	02/20/2020	MATHESON TRI-GAS INC.	12,128.52		
617888	02/20/2020	MAULDIN & JENKINS, LLC	66,000.00	ANNUAL FINANCIAL AND COMPLIANCE AUDIT	RECEIVE
617889	02/20/2020	MCKIM & CREED PA	20,291.62		
617890	02/20/2020	NEW DIRECTIONS BEHAVIORAL HEALTH LLC	705.60		
617891	02/20/2020	ODYSSEY MANUFACTURING COMPANY	19,992.13		
617892	02/20/2020	OHLIN SALES INC.	178.01		
617893	02/20/2020	PERKINELMER HEALTH SCIENCES INC	13,973.40		
617894	02/20/2020	PINELLAS COUNTY BOARD OF COUNTY COMMISSIONERS	52.50		
617895	02/20/2020	POLYDYNE INC	12,057.05		
617896	02/20/2020	PROMIUM LLC	9,470.00		
617897	02/20/2020	MULTI SERVICE TECHNOLOGY SOLUTIONS, INC.	262.98		
617898	02/20/2020	REGIONS BANK	180.00		
617899	02/20/2020	SCHNEIDER ELECTRIC USA, INC.	6,015.00		
617900	02/20/2020	SHI INTERNATIONAL CORP	1,566.00		
617901	02/20/2020	SULPHURIC ACID TRADING CO. INC	28,464.98		
617902	02/20/2020	TAMPA ELECTRIC CO	1,108.75	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617903	02/20/2020	TAMPA ELECTRIC CO	26,254.16	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617904	02/20/2020	TAMPA ELECTRIC CO	111,977.56	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617905	02/20/2020	TAMPA ELECTRIC CO	211,603.12	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617906	02/20/2020	TANNER INDUSTRIES, INC.	7,456.25		
617907	02/20/2020	SYLINT GROUP INC	4,450.00		
617908	02/20/2020	THERMO ELECTRON NORTH AMERICA LLC	26,120.54		
617909	02/20/2020	TYLER TECHNOLOGIES, INC.	1,400.00		
617910	02/20/2020	VANASSE HANGEN BRUSTLIN INC	34,126.88		
617911	02/20/2020	VERIZON FLORIDA INC	22,120.63	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL

TAMPA BAY WATER

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617912	02/20/2020	VERIZON WIRELESS COMMUNICATIONS LLC	968.95	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617913	02/20/2020	VERIZON WIRELESS COMMUNICATIONS LLC	524.28	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617914	02/20/2020	WATER & AIR RESEARCH, INC.	8,837.00		
617915	02/20/2020	WITHLACOOCHEE RIVER ELECTRIC	26,769.97	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617916	2/25/2020	MUTUAL OF OMAHA COMPANY	25,796.76		
617917	02/27/2020	ADVANCED ENVIRONMENTAL LABORATORIES, INC	675.00		
617918	02/27/2020	AIRGAS USA, LLC	6,657.55		
617919	02/27/2020	ALLIED UNIVERSAL CORPORATION	18,031.92		
617920	02/27/2020	APPLIED ECOLOGY, INC	24,353.68		
617921	02/27/2020	BROWN & CALDWELL	1,697.28		
617922	02/27/2020	CARMEUSE LIME & STONE, INC.	7,191.48		
617923	02/27/2020	COLENE ROGERS & ASSOCIATES, LLC	4,500.00		
617924	02/27/2020	CABLEXPRESS CORPORATION	5,454.40		
617925	02/27/2020	DEAN, MEAD, EGERTON, BLOODWORTH, CAPOUANO, &	6,746.67		
617926	02/27/2020	DUKE ENERGY CORPORATION	57,024.75	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617927	02/27/2020	ELECTRIC GAS INDUSTRIES ASSOCIATION	20,000.00		
617928	02/27/2020	EMPLOYEE BENEFITS CORPORATION	84.60		
617929	02/27/2020	EMPLOYEE BENEFITS CORPORATION	108.00		
617930	02/27/2020	ENTERPRISE FM TRUST	12,654.90		
617931	02/27/2020	FISHER SCIENTIFIC COMPANY LLC	1,888.81		
617932	02/27/2020	BLUE CROSS BLUE SHIELD OF FLORIDA	231,603.30		
617933	02/27/2020	FLORIDA DEPT OF MANAGEMENT SERVICES	23,225.82		
617934	02/27/2020	FRONTIER COMMUNICATIONS	235.09	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617935	02/27/2020	SIEMENS INDUSTRY, INC.	2,024.00		
617936	02/27/2020	GRAY ROBINSON, P.A.	1,770.00		
617937	02/27/2020	GSI ENVIRONMENTAL, INC.	0.00		
617938	02/27/2020	HACH COMPANY	6,281.93		
617939	02/27/2020	HAZEN & SAWYER, P.C.	32,445.26		
617940	02/27/2020	HERC RENTALS, INC.	4,461.00		
617941	02/27/2020	HIGH TECH ENGINEERING INCORPORATED	10,247.91		
617942	02/27/2020	HILLSBOROUGH COUNTY	13.96	UTILITY PAYMENT	DELEGATED APPROVAL
617943	02/27/2020	HSW ENGINEERING INC	2,817.50		
617944	02/27/2020	INFOARMOR, INC.	396.65		
617945	02/27/2020	JANICKI ENVIRONMENTAL, INC.	13,250.00		
617946	02/27/2020	KEEP TAMPA BAY BEAUTIFUL INC.	10,000.00		
617947	02/27/2020	CLIFTONLARSONALLEN LLP	7,722.50		
617948	02/27/2020	JENNIFER LAWRENCE-JONES	104.00		
617949	02/27/2020	MAC PAPERS, INC	1,357.26		
617950	02/27/2020	MATHESON TRI-GAS INC.	9,046.82		
617951	02/27/2020	MCMASTER-CARR	374.59		
617952	02/27/2020	METZGER & WILLARD INC	12,870.72		
617953	02/27/2020	MICHIGAN STATE DISBURSEMENT UNIT	225.52	CHILD SUPPORT	DELEGATED APPROVAL
617954	02/27/2020	MILLER BUILDING & REPAIR SERVICES, INC.	3,793.50		
617955	02/27/2020	ODYSSEY MANUFACTURING COMPANY	13,041.34		
617956	02/27/2020	BRIAN G ORMISTON	40,845.00		
617957	02/27/2020	PAFF TREE SERVICE, LLC	2,608.00		
617958	02/27/2020	PALMA CEIA LOCK & KEY, INC.	1,470.96		
617959	02/27/2020	PIPER FIRE PROTECTION, INC.	3,618.08		
617960	02/27/2020	POLYDYNE INC	12,057.05		
617961	02/27/2020	PUBLIC FINANCIAL MGMT., INC. (PFM)	1,333.33		
617962	02/27/2020	PVS TECHNOLOGIES, INC.	6,771.02		

TAMPA BAY WATER

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617963	02/27/2020	RICOH USA, INC.	4,512.48		
617964	02/27/2020	RING POWER CORPORATION	5,203.09		
617965	02/27/2020	RING POWER CORPORATION	29,724.72		
617966	02/27/2020	ROWLAND INC	9,419.30		
617967	02/27/2020	BAY AREA SECURITY SHRED, INC.	48.00		
617968	02/27/2020	SHI INTERNATIONAL CORP	11,040.00		
617969	02/27/2020	NATHAN SPRUNGER	254.73		
617970	02/27/2020	STATE OF FLORIDA DISBURSEMENT UNIT	82.82	CHILD SUPPORT	DELEGATED APPROVAL
617971	02/27/2020	STATE OF FLORIDA DISBURSEMENT UNIT	152.77	CHILD SUPPORT	DELEGATED APPROVAL
617972	02/27/2020	SULPHURIC ACID TRADING CO. INC	28,433.13		
617973	02/27/2020	SANDRO SVRDLIN	42.55		
617974	02/27/2020	TAMPA BAY SYSTEM SALES	12,280.70		
617975	02/27/2020	CITY OF TAMPA OFFICES	6.25		
617976	02/27/2020	TANNER INDUSTRIES, INC.	921.14		
617977	02/27/2020	UNITED PARCEL SERVICE	261.43		
617978	02/27/2020	VANASSE HANGEN BRUSTLIN INC	8,023.77		
617979	02/27/2020	VEOLIA WATER NORTH AMERICA	18,862.32		
617980	02/27/2020	HAYS HOLDING CORPORATION	12,336.09		
617981	02/27/2020	W W GRAINGER INC	286.20		
617982	02/27/2020	WITHLACOOCHEE RIVER ELECTRIC	71.91	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
WIRE	02/28/2020	INTERNAL REVENUE SERVICE	118,802.93	FEDERAL PAYROLL TAX DEPOSIT	DELEGATED APPROVAL
276 CHECKS			4,144,342.03		

TAMPA BAY WATER
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CHECK#	CHECK DATE	VENDOR NAME	CHECK AMOUNT	DESCRIPTION	APPROVE/RECEIVE
617358	01/02/2020	AMERICAN FACILITY SERVICES, INC.	2,399.97		
617359	01/02/2020	AMERICAN WATER ACCIONA AGUA LLC	523,801.47	DESAL O&M NOVEMBER	RECEIVE
617360	01/02/2020	AUTOZONE PARTS, INC.	233.97		
617361	01/02/2020	BAL ENGINEERING, INC.	2,300.00		
617362	01/02/2020	CHRISTOPHER ISAIAH MOSS	390.62		
617363	01/02/2020	CLEAN SWEEP SUPPLY COMPANY INC	289.55		
617364	01/02/2020	TERESA COLLINS	176.20		
617365	01/02/2020	CROSS PEST CONTROL OF TAMPA INC	160.00		
617366	01/02/2020	DUKE ENERGY CORPORATION	58,138.50	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617367	01/02/2020	GANNETT FLEMING, INC	22,693.50		
617368	01/02/2020	KATHLEEN GOELZ	141.14		
617369	01/02/2020	JOHN H GRANGER MAINTENANCE & CONSTRUCTION, INC.	11,350.00		
617370	01/02/2020	BILLY HAVEE	25.62		
617371	01/02/2020	HAZEN & SAWYER, P.C.	9,994.50		
617372	01/02/2020	HILLSBOROUGH COUNTY	3,565.00		
617373	01/02/2020	HILLSBOROUGH COUNTY	16.91	UTILITY PAYMENT	DELEGATED APPROVAL
617374	01/02/2020	ARROW EXTERMINATORS	215.00		
617375	01/02/2020	INDIANA STATE CENTRAL COLLECTION UNIT	228.00	CHILD SUPPORT	DELEGATED APPROVAL
617376	01/02/2020	ROBERTA KETY	505.70		
617377	01/02/2020	KONECRANES INC	2,050.00		
617378	01/02/2020	CLIFTONLARSONALLEN LLP	35,000.00		
617379	01/02/2020	MAULDIN & JENKINS, LLC	45,000.00		
617380	01/02/2020	MCKIM & CREED PA	73,218.78	LITHIA H2S ELECTRIC DATA AND STARKEY WF IMPROVEMENTS	RECEIVE
617381	01/02/2020	METZGER & WILLARD INC	4,632.84		
617382	01/02/2020	MICHIGAN STATE DISBURSEMENT UNIT	225.52	CHILD SUPPORT	DELEGATED APPROVAL
617383	01/02/2020	MILLER BUILDING & REPAIR SERVICES, INC.	1,500.00		
617384	01/02/2020	MOUSER ELECTRONICS, INC.	505.14		
617385	01/02/2020	NEWARK CORPORATION	2,410.23		
617386	01/02/2020	PAFF TREE SERVICE, LLC	2,770.00		
617387	01/02/2020	RING POWER CORPORATION	4,507.75		
617388	01/02/2020	RYAN HERCO PRODUCTS CORPORATION	18.30		
617389	01/02/2020	SOUTHEASTERN FREIGHT LINES INC	738.99		
617390	01/02/2020	STATE OF FLORIDA DISBURSEMENT UNIT	82.82	CHILD SUPPORT	DELEGATED APPROVAL
617391	01/02/2020	STATE OF FLORIDA DISBURSEMENT UNIT	152.77	CHILD SUPPORT	DELEGATED APPROVAL
617392	01/02/2020	TAMPA BAY SYSTEM SALES	2,365.67		
617393	01/02/2020	CITY OF TAMPA OFFICES	9.37	UTILITY PAYMENT	DELEGATED APPROVAL
617394	01/02/2020	TONOAH A. HART	2,250.00		
617395	01/02/2020	HAYS HOLDING CORPORATION	11,649.95		
617396	01/02/2020	W W GRAINGER INC	935.35		
617397	01/02/2020	WILLIAMS SCOTSMAN, INC	194.20		
WIRE	01/03/2020	INTERNAL REVENUE SERVICE	116,042.14	FEDERAL PAYROLL TAX DEPOSIT	DELEGATED APPROVAL
WIRE	01/06/2020	FLORIDA DIV OF RETIREMENT CASHIER	123,409.58	FEDERAL PAYROLL TAX DEPOSIT	DELEGATED APPROVAL
617398	01/09/2020	ADVANCED ENVIRONMENTAL LABORATORIES, INC	906.00		
617399	01/09/2020	AIR CENTERS OF FLORIDA, INC.	4,617.17		
617400	01/09/2020	AIRGAS USA, LLC	2,229.31		
617401	01/09/2020	AIRGAS SOUTH, INC.	20.77		
617402	01/09/2020	ALLIED UNIVERSAL CORPORATION	7,214.61		
617403	01/09/2020	ALPHA BUSINESS SERVICES, LLC	65.70		
617404	01/09/2020	AMERICAN SOCIETY OF CIVIL ENGINEERS	225.00		
617405	01/09/2020	FINGER LAKES BUSINESS SERVICES, INC.	61.20		
617406	01/09/2020	ARCHIMEDES SYSTEMS INC	2,020.00		
617407	01/09/2020	AREA PRINTING, INC.	160.00		
617408	01/09/2020	AUDIO VISUAL INNOVATIONS INC	3,903.21		
617409	01/09/2020	AVI INTEGRATORS INC	289.18		
617410	01/09/2020	BLACK & VEATCH CORPORATION	15,075.25		
617411	01/09/2020	DAVID E BRACCIANO	111.76		

TAMPA BAY WATER
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617412	01/09/2020	BRENNTAG MID-SOUTH INC	26,653.09		
617413	01/09/2020	BRIGHT HOUSE NETWORKS LLC	3,225.00		
617414	01/09/2020	MCTEMPO INVESTMENT	72.00		
617415	01/09/2020	CARMEUSE LIME & STONE, INC.	45,668.78		
617416	01/09/2020	CHANDLER ASSET MANAGEMENT, INC.	6,043.01		
617417	01/09/2020	CHRISTOPHER ISAIAH MOSS	61.88		
617418	01/09/2020	CINTAS CORPORATION	337.08		
617419	01/09/2020	CITY ELECTRIC SUPPLY COMPANY	817.50		
617420	01/09/2020	CITY OF CLEARWATER UTILITIES	2,316.67	UTILITIES - WATER	DELEGATED APPROVAL
617421	01/09/2020	ANDREA COLLEGE	119.61		
617422	01/09/2020	CONN & BUENAVENTURA, P.A.	16,435.29		
617423	01/09/2020	CROSS PEST CONTROL OF TAMPA INC	435.00		
617424	01/09/2020	CUMBEY & FAIR, INC.	2,946.60		
617425	01/09/2020	DELL MARKETING LP	7,819.68		
617426	01/09/2020	DIALOGUE PUBLIC RELATIONS, LLC	7,650.00		
617427	01/09/2020	DIGI INTERNATIONAL INC.	1,962.26		
617428	01/09/2020	DUKE ENERGY CORPORATION	21,999.86	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617429	01/09/2020	EDDIE VISION INC.	600.00		
617430	01/09/2020	ENERGYCAP, INC.	13,803.50		
617431	01/09/2020	ENTERPRISE FM TRUST	12,130.79		
617432	01/09/2020	ENVIRONMENTAL SCIENCE ASSOCIATES CORPORATION	31,680.00		
617433	01/09/2020	EYEMED VISION CARE	1,173.51		
617434	01/09/2020	FCX, LLC	1,848.00		
617435	01/09/2020	FEDERAL EXPRESS CORPORATION	288.28		
617436	01/09/2020	FISHER SCIENTIFIC COMPANY LLC	528.17		
617437	01/09/2020	BLUE CROSS BLUE SHIELD OF FLORIDA	224,732.98	PPO/HMO MONTH PREM TYSON - JAN 2020	RECEIVE
617438	01/09/2020	FLORIDA DEPARTMENT OF REVENUE	25.13		
617439	01/09/2020	FRONTIER COMMUNICATIONS	126.98	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617440	01/09/2020	FRONTIER COMMUNICATIONS	120.98	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617441	01/09/2020	FRONTIER COMMUNICATIONS	158.01	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617442	01/09/2020	FRONTIER COMMUNICATIONS	236.30	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617443	01/09/2020	FRONTIER COMMUNICATIONS	237.13	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617444	01/09/2020	GOVDEALS, INC	3.75		
617445	01/09/2020	GOVERNMENT FINANCE OFFICERS ASSOC	730.00		
617446	01/09/2020	GRAYBAR ELECTRIC COMPANY INC	316.65		
617447	01/09/2020	GSI ENVIRONMENTAL, INC.	17,558.11		
617448	01/09/2020	HACH COMPANY	112,235.80	ANALYZER PURCHASES	RECEIVE
617449	01/09/2020	HIGH TECH ENGINEERING INCORPORATED	8,150.63		
617450	01/09/2020	HILLSBOROUGH COUNTY	62.18	UTILITY PAYMENT	DELEGATED APPROVAL
617451	01/09/2020	RALPH W HOGG	109.93		
617452	01/09/2020	IDEXX LABORATORIES INC	6,741.32		
617453	01/09/2020	INDUSTRIAL SCIENTIFIC CORPORATION	1,265.33		
617454	01/09/2020	INTERA, INC.	3,500.00		
617455	01/09/2020	IVANA KAJTEZOVIC	107.51		
617456	01/09/2020	KEMIRA WATER SOLUTIONS, INC.	58,682.23	CHEMICAL FERRIC SULFATE	RECEIVE
617457	01/09/2020	STEVEN KROESEN	33.64		
617458	01/09/2020	CLIFTONLARSONALLEN LLP	18,885.00		
617459	01/09/2020	LHOIST NORTH AMERICA OF ALABAMA, LLC	6,434.32		
617460	01/09/2020	RAPHEAL MENACHERY	10,000.00		
617461	01/09/2020	NSI LAB SOLUTIONS, INC.	204.75		
617462	01/09/2020	ODYSSEY MANUFACTURING COMPANY	10,493.41		
617463	01/09/2020	OFFICE DEPOT	3,003.89		
617464	01/09/2020	PALMA CEIA LOCK & KEY, INC.	129.00		
617465	01/09/2020	PASCO COUNTY SCHOOL SCHOOL DISTRICT	20,657.25		
617466	01/09/2020	PIPER FIRE PROTECTION, INC.	691.30		
617467	01/09/2020	POLYDYNE INC	9,768.66		

TAMPA BAY WATER
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617468	01/09/2020	REPUBLIC SERVICES OF FLORIDA	287.89		
617469	01/09/2020	RICOH USA, INC.	3,769.11		
617470	01/09/2020	RING POWER CORPORATION	7,389.07		
617471	01/09/2020	ALBERT E ROLLER	33,769.68		
617472	01/09/2020	BAY AREA SECURITY SHRED, INC.	48.00		
617473	01/09/2020	KIM SISCO	104.40		
617474	01/09/2020	STANDARD INSURANCE CO	0.00		
617475	01/09/2020	MICHELLE STOM	460.52		
617476	01/09/2020	SULPHURIC ACID TRADING CO. INC	40,941.27		
617477	01/09/2020	SANDRO SVRDLIN	60.32		
617478	01/09/2020	TAMCO ELECTRIC INC	6,459.00		
617479	01/09/2020	TAMCO ELECTRIC INC	16,139.00		
617480	01/09/2020	TAMPA BAY SYSTEM SALES	11,093.41		
617481	01/09/2020	TAMPA ELECTRIC CO	278,960.60	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617482	01/09/2020	TAMPA ELECTRIC CO	3,818.74	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617483	01/09/2020	TANNER INDUSTRIES, INC.	8,763.74		
617484	01/09/2020	TEAM TECHNICAL SERVICES	188.00		
617485	01/09/2020	TIMES PUBLISHING CO	392.00		
617486	01/09/2020	TIMES PUBLISHING CO	24,000.00		
617487	01/09/2020	UNITED PARCEL SERVICE	158.75		
617488	01/09/2020	VEOLIA ENVIRONMENT NORTH AMERICA OPERATIONS, INC.	131,008.80	SWTP ENTRANCE CANOPY PROJ	RECEIVE
617489	01/09/2020	VEOLIA WATER NORTH AMERICA	562,203.65	SWTP O&M - NOV	RECEIVE
617490	01/09/2020	HAYS HOLDING CORPORATION	30,106.91		
617491	01/09/2020	VERIZON WIRELESS COMMUNICATIONS LLC	3,114.17	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617492	01/09/2020	VERIZON WIRELESS COMMUNICATIONS LLC	588.09	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617493	01/09/2020	VERIZON WIRELESS COMMUNICATIONS LLC	2,998.71	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617494	01/09/2020	VERIZON WIRELESS COMMUNICATIONS LLC	9,321.58	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617495	01/09/2020	NISAI WANAKULE	2,917.46		
617496	01/09/2020	HUI WANG	480.00		
617497	01/09/2020	WASTE MANAGEMENT INC. OF FLORIDA	908.14		
617498	01/09/2020	WILLIAMS SCOTSMAN, INC	550.65		
617499	01/09/2020	WISE CONSULTING GROUP	5,220.00		
617500	01/09/2020	WITLACOOCHEE RIVER ELECTRIC	81,641.01	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617501	01/09/2020	WORLD WIDE TECHNOLOGY, LLC	4,140.91		
617502	01/09/2020	ZAEPLEX LEGAL REPORTS INC	969.43		
617503	01/16/2020	ADVANCED ENVIRONMENTAL LABORATORIES, INC	22.00		
617504	01/16/2020	AIRGAS USA, LLC	8,240.92		
617505	01/16/2020	AIRGAS SOUTH, INC.	23.99		
617506	01/16/2020	ALLIANCE FOR WATER EFFICIENCY	4,500.00		
617507	01/16/2020	J.C. EHRlich CO.	374.99		
617508	01/16/2020	AMERICAN ACQUISITION GROUP, LLC	4,500.00		
617509	01/16/2020	AMERICAN EXPRESS TRAVEL RELATED SERVICES CO INC	189.94		
617510	01/16/2020	ARCADIS US INC.	58,000.00	SHC ROUTE STUDY	RECEIVE
617511	01/16/2020	AT&T MOBILITY II, LLC	36.24	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617512	01/16/2020	ATKINS NORTH AMERICA, INC.	18,450.00		
617513	01/16/2020	AUTOMATIONDIRECT.COM, INC.	1,584.00		
617514	01/16/2020	BRENNTAG MID-SOUTH INC	41,485.69		
617515	01/16/2020	BRIGHT HOUSE NETWORKS LLC	205.03	UTILITIES - INTERNET	DELEGATED APPROVAL
617516	01/16/2020	BROWN & CALDWELL	2,862.69		
617517	01/16/2020	CARDNO, INC	14,655.00		
617518	01/16/2020	CARMEUSE LIME & STONE, INC.	51,356.43	CHEMICAL - QUICKLIME	RECEIVE
617519	01/16/2020	CERTIFIED RECORDS MANAGEMENT	904.36		
617520	01/16/2020	CHEMICAL SYSTEMS OF ORLANDO, INC.	11,780.00		
617521	01/16/2020	CITY ELECTRIC SUPPLY COMPANY	462.00		
617522	01/16/2020	DIGITAL AERIAL SOLUTIONS, LLC	37,097.94		
617523	01/16/2020	ECHOSAT, INC.	29.95		

TAMPA BAY WATER
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<u>CHECK#</u>	<u>CHECK DATE</u>	<u>VENDOR NAME</u>	<u>CHECK AMOUNT</u>	<u>DESCRIPTION</u>	<u>APPROVE/RECEIVE</u>
617524	01/16/2020	ELECTRIC GAS INDUSTRIES ASSOCIATION	28,130.00		
617525	01/16/2020	FISHER SCIENTIFIC COMPANY LLC	922.66		
617526	01/16/2020	FLORIDA DEPT OF STATE	59.22		
617527	01/16/2020	JUSTIN FOX	192.50		
617528	01/16/2020	FRONTIER COMMUNICATIONS	136.82	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617529	01/16/2020	FRONTIER COMMUNICATIONS	140.98	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617530	01/16/2020	GENUINE AUTO PARTS/NAPA	48.84		
617531	01/16/2020	GRAYBAR ELECTRIC COMPANY INC	680.67		
617532	01/16/2020	GREENMAN-PEDERSEN, INC.	21,672.62		
617533	01/16/2020	GSI ENVIRONMENTAL, INC.	1,334.28		
617534	01/16/2020	HACH COMPANY	3,027.89		
617535	01/16/2020	HAWKINS, INC.	4,212.90		
617536	01/16/2020	HAZEN & SAWYER, P.C.	8,059.00		
617537	01/16/2020	HILLSBOROUGH COUNTY	15.80	UTILITY PAYMENT	DELEGATED APPROVAL
617538	01/16/2020	ARROW EXTERMINATORS	90.00		
617539	01/16/2020	HYDROLOGIC DATA COLLECTION INC	1,800.00		
617540	01/16/2020	INTERNATIONAL BUSINESS MACHINES CORPORATION	66,689.89	MAXIMO LICENSES	RECEIVE
617541	01/16/2020	INDIANA STATE CENTRAL COLLECTION UNIT	228.00	CHILD SUPPORT	DELEGATED APPROVAL
617542	01/16/2020	THE JACOBS GROUP INC.	5,389.07		
617543	01/16/2020	SOLOMON KANG	1,000.00		
617544	01/16/2020	LHOIST NORTH AMERICA OF ALABAMA, LLC	6,166.24		
617545	01/16/2020	MATHESON TRI-GAS INC.	16,830.99		
617546	01/16/2020	MCKIM & CREED PA	17,134.46		
617547	01/16/2020	RICHARD A MENZIES	137.50		
617548	01/16/2020	MICHIGAN STATE DISBURSEMENT UNIT	225.52	CHILD SUPPORT	DELEGATED APPROVAL
617549	01/16/2020	NSI LAB SOLUTIONS, INC.	613.00		
617550	01/16/2020	ODYSSEY MANUFACTURING COMPANY	33,957.00		
617551	01/16/2020	BRUCE PACHECO	1,617.64		
617552	01/16/2020	PINELLAS COUNTY BOARD OF COUNTY COMMISSIONERS	11,950.81		
617553	01/16/2020	PIPER FIRE PROTECTION, INC.	2,081.45		
617554	01/16/2020	THE PITNEY BOWES BANK INC	5,000.00		
617555	01/16/2020	POLYDYNE INC	9,768.66		
617556	01/16/2020	POND & COMPANY	14,399.99		
617557	01/16/2020	PRITCHETT STEINBECK GROUP, INC.	16,102.39		
617558	01/16/2020	PROCORR, INC.	26,374.70		
617559	01/16/2020	PUBLIC FINANCIAL MGMT., INC. (PFM)	2,666.00		
617560	01/16/2020	REXEL USA, INC.	982.62		
617561	01/16/2020	RICOH USA, INC.	33.02		
617562	01/16/2020	RYMAN ROOFING INC.	2,820.00		
617563	01/16/2020	STATE OF FLORIDA DISBURSEMENT UNIT	82.82	CHILD SUPPORT	DELEGATED APPROVAL
617564	01/16/2020	STATE OF FLORIDA DISBURSEMENT UNIT	152.77	CHILD SUPPORT	DELEGATED APPROVAL
617565	01/16/2020	STEARNS WEAVER MILLER WEISSLER ALHADEFF & SITTERSO	3,049.00		
617566	01/16/2020	SUNSHINE STATE ONE CALL OF FLORIDA INC	1,063.40		
617567	01/16/2020	TAMPA BAY SYSTEM SALES	56,736.95	HVAC REPAIRS AND MAINTENANCE	RECEIVE
617568	01/16/2020	CITY OF TAMPA OFFICES	6.25	UTILITY PAYMENT	DELEGATED APPROVAL
617569	01/16/2020	CITY OF TAMPA OFFICES	17,712.71		
617570	01/16/2020	TAMPA ELECTRIC CO	1,180.41	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617571	01/16/2020	TAMPA ELECTRIC CO	31,054.16	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617572	01/16/2020	TAMPA ELECTRIC CO	149,008.73	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617573	01/16/2020	TAMPA ELECTRIC CO	188,630.27	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617574	01/16/2020	TANNER INDUSTRIES, INC.	5,744.63		
617575	01/16/2020	TEAM TECHNICAL SERVICES	1,123.98		
617576	01/16/2020	SYLINT GROUP INC	4,450.00		
617577	01/16/2020	VANASSE HANGEN BRUSTLIN INC	10,192.00		
617578	01/16/2020	VEOLIA WATER NORTH AMERICA	12,382.91		
617579	01/16/2020	VERIZON CONNECT NWF, INC.	245.90	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL

TAMPA BAY WATER
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617580	01/16/2020	VERIZON FLORIDA INC	22,120.63	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617581	01/16/2020	VERIZON WIRELESS COMMUNICATIONS LLC	1,296.26	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617582	01/16/2020	W W GRAINGER INC	321.20		
617583	01/16/2020	WASTE MANAGEMENT INC. OF FLORIDA	1,043.98		
617584	01/16/2020	WATER INFORMATION SHARING AND ANALYSIS CENTER	5,249.00		
617585	01/16/2020	WILLIAMS SCOTSMAN, INC	821.95		
617586	01/16/2020	WISE CONSULTING GROUP	3,647.00		
617587	01/16/2020	WITHLACOCOCHEE RIVER ELECTRIC	18,542.36	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617588	01/16/2020	WRIGHT EXPRESS CORPORATION	9,228.36		
WIRE	01/17/2020	INTERNAL REVENUE SERVICE	115,673.05	FEDERAL PAYROLL TAX DEPOSIT	DELEGATED APPROVAL
617589	01/23/2020	AMERICAN FAMILY LIFE ASSURANCE COMPANY OF COLUMBUS	1,711.48		
617590	01/23/2020	AGILENT TECHNOLOGIES, INC.	8,596.80		
617591	01/23/2020	AIRGAS USA, LLC	7,608.58		
617592	01/23/2020	ALLIED UNIVERSAL CORPORATION	6,323.98		
617593	01/23/2020	BAYSIDE COATINGS INC	7,675.00		
617594	01/23/2020	BLACK & VEATCH CORPORATION	69,914.00	DESAL EXPANSION FEASIBILITY STUDY PROJ	RECEIVE
617595	01/23/2020	BRENNTAG MID-SOUTH INC	24,558.65		
617596	01/23/2020	CARDNO, INC	3,250.00		
617597	01/23/2020	CARMEUSE LIME & STONE, INC.	27,673.35		
617598	01/23/2020	CHEMICAL SYSTEMS OF ORLANDO, INC.	8,835.00		
617599	01/23/2020	CORCORAN & ASSOCIATES, INC.	21,000.00		
617600	01/23/2020	CORONA ENVIRONMENTAL CONSULTING, LLC	8,968.74		
617601	01/23/2020	DUKE ENERGY CORPORATION	46,583.02	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617602	01/23/2020	THEA DUNMIRE	516.47		
617603	01/23/2020	EMPLOYEE BENEFITS CORPORATION	84.60		
617604	01/23/2020	EMPLOYEE BENEFITS CORPORATION	96.00		
617605	01/23/2020	ENTERPRISE FM TRUST	7,035.98		
617606	01/23/2020	BLUE CROSS BLUE SHIELD OF FLORIDA	222,983.22	PPO/HMO MONTH PREM TYSON -FEB 2020	RECEIVE
617607	01/23/2020	FLORIDA DEPT OF MANAGEMENT SERVICES	22,478.41		
617608	01/23/2020	GEOGRAPHIC INFORMATION SERVICES, INC.	9,036.60		
617609	01/23/2020	JOHN H GRANGER MAINTENANCE & CONSTRUCTION, INC.	266,270.05	AS NEEDED CIVIL CONTRACT SERVICES	RECEIVE
617610	01/23/2020	HACH COMPANY	1,241.79		
617611	01/23/2020	HAWKINS, INC.	1,612.25		
617612	01/23/2020	HAZEN & SAWYER, P.C.	35,126.56		
617613	01/23/2020	HILLSBOROUGH COUNTY	13.96	UTILITY PAYMENT	DELEGATED APPROVAL
617614	01/23/2020	HILLSBOROUGH COUNTY	86.17	UTILITY PAYMENT	DELEGATED APPROVAL
617615	01/23/2020	ARROW EXTERMINATORS	75.00		
617616	01/23/2020	INFOARMOR, INC.	414.60		
617617	01/23/2020	INTERA, INC.	4,143.94		
617618	01/23/2020	KEMIRA WATER SOLUTIONS, INC.	38,157.15		
617619	01/23/2020	LAWNWALKER SERVICES, INC.	13,087.50		
617620	01/23/2020	LHOIST NORTH AMERICA OF ALABAMA, LLC	6,256.57		
617621	01/23/2020	MATHESON TRI-GAS INC.	12,388.87		
617622	01/23/2020	ROBERT MCCONNELL	205.32		
617623	01/23/2020	MCKIM & CREED PA	5,146.65		
617624	01/23/2020	MOUSER ELECTRONICS, INC.	1,578.39		
617625	01/23/2020	ODYSSEY MANUFACTURING COMPANY	28,607.97		
617626	01/23/2020	PAFF TREE SERVICE, LLC	18,458.00		
617627	01/23/2020	PIPER FIRE PROTECTION, INC.	1,402.25		
617628	01/23/2020	RYAN HERCO PRODUCTS CORPORATION	100.30		
617629	01/23/2020	RYMAN ROOFING INC.	8,570.00		
617630	01/23/2020	S & C JANITORIAL, INC	2,866.24		
617631	01/23/2020	SOUTHEASTERN FREIGHT LINES INC	397.37		
617632	01/23/2020	STANDARD INSURANCE CO	10,975.80		
617633	01/23/2020	SULPHURIC ACID TRADING CO. INC	48,392.89		
617634	01/23/2020	TAMPA BAY SYSTEM SALES	1,781.35		

TAMPA BAY WATER
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CHECK#	CHECK DATE	VENDOR NAME	CHECK AMOUNT	DESCRIPTION	APPROVE/RECEIVE
617635	01/23/2020	CITY OF TAMPA OFFICES	18,208.15		
617636	01/23/2020	TANNER INDUSTRIES, INC.	4,557.84		
617637	01/23/2020	TIMES PUBLISHING CO	308.00		
617638	01/23/2020	TONOAH A. HART	4,125.00		
617639	01/23/2020	USGS	23,475.00		
617640	01/23/2020	HAYS HOLDING CORPORATION	7,879.00		
617641	01/23/2020	W W GRAINGER INC	501.92		
617642	01/23/2020	WITHLACOCOCHEE RIVER ELECTRIC	71.31	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617643	01/30/2020	ADVANCED ENVIRONMENTAL LABORATORIES, INC	817.00		
617644	01/30/2020	AIRGAS SOUTH, INC.	153.03		
617645	01/30/2020	AMERICAN ACQUISITION GROUP, LLC	2,500.00		
617646	01/30/2020	AMERICAN WATER ACCIONA AGUA LLC	526,759.13	DESAL O&M DECEMBER	RECEIVE
617647	01/30/2020	AMERICAN WATER WORKS ASSOCIATION	245.00		
617648	01/30/2020	FINGER LAKES BUSINESS SERVICES, INC.	50.00		
617649	01/30/2020	ARCADIS US INC.	16,912.92		
617650	01/30/2020	AVI INTEGRATORS INC	10,099.26		
617651	01/30/2020	SUSAN BADGETT	1,511.28		
617652	01/30/2020	BRENNTAG MID-SOUTH INC	6,589.71		
617653	01/30/2020	CDM SMITH INC	9,523.75		
617654	01/30/2020	CHEMICAL SYSTEMS OF ORLANDO, INC.	4,712.00		
617655	01/30/2020	CITY OF CLEARWATER POLICE DEPT	192.50		
617656	01/30/2020	CROSS PEST CONTROL OF TAMPA INC	377.00		
617657	01/30/2020	CABLEXPRESS CORPORATION	806.63		
617658	01/30/2020	DEAN, MEAD, EGERTON, BLOODWORTH, CAPOUANO, &	7,251.33		
617659	01/30/2020	DUKE ENERGY CORPORATION	12,324.68	ELECTRIC BILL - WELL FIELDS AND PUMPING STATIONS	DELEGATED APPROVAL
617660	01/30/2020	ELECTRIC GAS INDUSTRIES ASSOCIATION	26,340.00		
617661	01/30/2020	ELECTRO BATTERY, INC.	2,675.00		
617662	01/30/2020	RAYMOND ERCOLANO	50.00		
617663	01/30/2020	EYEMED VISION CARE	1,190.04		
617664	01/30/2020	FISHER SCIENTIFIC COMPANY LLC	158.23		
617665	01/30/2020	FRONTIER COMMUNICATIONS	469.09	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617666	01/30/2020	GANNETT FLEMING, INC	13,056.60		
617667	01/30/2020	GHD SERVICES, INC.	32,399.46		
617668	01/30/2020	JOHN H GRANGER MAINTENANCE & CONSTRUCTION, INC.	7,628.00		
617669	01/30/2020	ANDREW GREENBAUM	169.00		
617670	01/30/2020	HACH COMPANY	56,633.60	ANALYZER PARTS	RECEIVE
617671	01/30/2020	HAWKINS, INC.	1,317.25		
617672	01/30/2020	HERC RENTALS, INC.	2,115.00		
617673	01/30/2020	DANIELLE KEIRSEY	245.00		
617674	01/30/2020	MCKIM & CREED PA	1,914.49		
617675	01/30/2020	MCMASER-CARR	308.97		
617676	01/30/2020	METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA	19,832.00		
617677	01/30/2020	METZGER & WILLARD INC	9,787.50		
617678	01/30/2020	MICHIGAN STATE DISBURSEMENT UNIT	225.52	CHILD SUPPORT	DELEGATED APPROVAL
617679	01/30/2020	ODYSSEY MANUFACTURING COMPANY	16,444.43		
617680	01/30/2020	PINELLAS COUNTY BOARD OF COUNTY COMMISSIONERS	21,895.10		
617681	01/30/2020	PIPER FIRE PROTECTION, INC.	976.25		
617682	01/30/2020	PMC ENGINEERING LLC	2,810.41		
617683	01/30/2020	POLYDYNE INC	1,502.82		
617684	01/30/2020	PROCORR, INC.	117,765.18	AS NEEDED CATHODIC PROTECTION	RECEIVE
617685	01/30/2020	MULTI SERVICE TECHNOLOGY SOLUTIONS, INC.	276.99		
617686	01/30/2020	RICOH USA, INC.	3,434.72		
617687	01/30/2020	RING POWER CORPORATION	5,794.05		
617688	01/30/2020	RYAN HERCO PRODUCTS CORPORATION	72.86		
617689	01/30/2020	BAY AREA SECURITY SHRED, INC.	8.00		
617690	01/30/2020	SOUTHEAST DRILLING SERVICES INC	30,940.00		

TAMPA BAY WATER
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617691	01/30/2020	SOUTHEAST INDUSTRIAL SALES & SERVICE	9,250.00		
617692	01/30/2020	STANDARD INSURANCE CO	10,507.48		
617693	01/30/2020	STATE OF FLORIDA DISBURSEMENT UNIT	82.82	CHILD SUPPORT	DELEGATED APPROVAL
617694	01/30/2020	STATE OF FLORIDA DISBURSEMENT UNIT	152.77	CHILD SUPPORT	DELEGATED APPROVAL
617695	01/30/2020	TAMPA BAY SYSTEM SALES	510.00		
617696	01/30/2020	TANNER INDUSTRIES, INC.	2,309.97		
617697	01/30/2020	THYSSENKRUPP ELEVATOR	850.00		
617698	01/30/2020	TYLER TECHNOLOGIES, INC.	5,461.10		
617699	01/30/2020	UNITED PARCEL SERVICE	9.00		
617700	01/30/2020	UNIVERSAL ENVIRONMENTAL SOLUTIONS, LLC	10,570.00		
617701	01/30/2020	UNIVERSAL PROTECTION SERVICE LP	76,363.38	SECURITY SERVICES 11/29/19- 12/26/19	RECEIVE
617702	01/30/2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	25,000.00		
617703	01/30/2020	VEOLIA WATER NORTH AMERICA	562,541.15	SWTP O&M DECEMBER	RECEIVE
617704	01/30/2020	HAYS HOLDING CORPORATION	12,305.00		
617705	01/30/2020	VERIZON WIRELESS COMMUNICATIONS LLC	524.28	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617706	01/30/2020	VERIZON WIRELESS COMMUNICATIONS LLC	956.51	UTILITY PAYMENT -COMMUNICATION	DELEGATED APPROVAL
617707	01/30/2020	GEOFF WASHAM	208.15		
617708	01/30/2020	WILDLANDS CONSERVATION, INC.	9,692.44		
617709	01/30/2020	WILLIAMS SCOTSMAN, INC	786.80		
617710	01/30/2020	WORLD WIDE TECHNOLOGY, LLC	6,521.79		
WIRE	01/31/2020	INTERNAL REVENUE SERVICE	122,769.52	FEDERAL PAYROLL TAX DEPOSIT	DELEGATED APPROVAL
321 CHECKS			7,236,445.91		

DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Christina Sackett, Chief Financial Officer
SUBJECT: Financial Statements - January and February 2020 - *Receive Report*

SUMMARY

The attached Statements of Revenues and Expenditures summarize Agency financial activity for January and February 2020 on a rate basis.

SUGGESTED ACTION

Receive and File.

COST/FUNDING SOURCE

None

DISCUSSION

Financial Statements - Summary of Major Points:

1. The agency lags in actual expenditures for the Professional Services category due primarily to the normal nature of the billing and review process which takes typically 60 to 90 days. This is adjusted at year end to reflect all actual activity.
2. Electricity and Water Treatment Chemicals appear low because the budgeted amount is spread evenly over the year, but the use of electricity and chemicals are more seasonal.

Uniform Rate – Statement of Revenue and Expenses

Revenue:

Operating income consists of water sales (fixed and variable components), sales from the Tampa Bypass Canal to the City of Tampa, and the board-approved balance carried forward from the previous year through the Rate Stabilization Fund. Other Income consists routinely of interest income received from investments.

Expenditures:

Throughout the year, actual expenditures normally lag behind budgeted expenditures by at least one to two months. This is due to the fact that vendor bills and the subsequent payment of those bills generally lag behind the actual performance of the services by 30 to 45 days. On the other hand, the budgeted expenses are distributed evenly across the 12 months of the fiscal year. When the fiscal year end approaches, the books are held open to allow for all the appropriate activity to be accounted for and shown in the appropriate fiscal year.

Variable rate expenditures will have seasonal peaks as the agency enters the dry season and begins to use the costlier supply sources. If the drier conditions remain into the summer months, the agency will use more desalinated seawater to meet the increased demands and will draw upon rate stabilization funds to avoid any mid-year rate adjustment.

The “Encumbrance” balance shown on the bottom of the financial statements represents the amount of open purchase orders (committed funds and blanket purchase orders) as of the end of the month, including purchase orders carried forward from the previous year. Although the encumbrance is presented for informational purposes, it gives a projected contractual commitment against current year funds. There are many purchase orders established at the beginning of the year that will be spent through the year and monthly revenue will be collected through the year to offset that expense.

Rate revenue is shown as being earned in level monthly increments and only catches up to the expenditures at year end. Significant encumbrances include Water Treatment Chemicals, Power, Professional Services and Water for Resale. Professional service tasks frequently carry over beyond the end of a fiscal year, in which case the applicable open purchase orders and the associated budget dollars are carried into the next fiscal year to allow for completion of those tasks as mentioned above.

BACKGROUND

None.

Attachments

**TAMPA BAY WATER
UNIFORM RATE BASIS
Statement of Revenues and Expenditures
January 31, 2020**

	Current Month Actual	Current Month Budget	Percent of Budget	\$ Variance	Year to Date Actual	Year to Date Budget	Percent of Budget	\$ Variance
OPERATING REVENUE:								
Operating Grant - SWFWMD	0	0	0.00%	0	0	0	0.00%	0
Water Sales - Fixed	11,889,620	11,889,620	100.00%	0	47,558,479	47,558,479	100.00%	0
Water Sales - Variable	2,264,977	2,221,462	101.96%	43,515	8,739,519	8,885,846	98.35%	-146,327
Water Sales - Other	3,500	3,500	100.00%	0	14,000	14,000	100.00%	0
Water Sales - Tampa By-Pass Canal	0	32,667	0.00%	-32,667	0	130,667	0.00%	-130,667
Rate Stabilization (Note 1)	480,672	480,672	100.00%	0	11,791,162	1,922,687	613.26%	9,868,475
Total Operating Revenue	14,638,768	14,627,920	100.07%	10,848	68,103,161	58,511,679	116.39%	9,591,482
OPERATING EXPENSES:								
FIXED OPERATING EXPENSE:								
Personnel Services	1,828,714	1,605,374	113.91%	-223,340	5,619,703	6,421,495	87.51%	801,792
Materials & Supplies	168,495	205,456	82.01%	36,962	832,058	821,825	101.25%	-10,233
Members Water Quality costs	4,000	4,000	100.00%	0	16,000	16,000	100.00%	0
Legal Services	24,722	49,845	49.60%	25,123	84,425	199,379	42.34%	114,954
Professional Services	2,268,402	2,913,577	77.86%	645,175	6,490,092	11,654,308	55.69%	5,164,217
Repairs & Other Services	892,893	570,518	156.51%	-322,375	1,840,150	2,282,071	80.64%	441,921
Rent & Insurance	17,395	185,102	9.40%	167,707	1,614,988	740,406	218.12%	-874,581
Total Fixed Operating Expense	5,204,619	5,533,871	94.05%	329,252	16,497,414	22,135,484	74.53%	5,638,069
VARIABLE OPERATING EXPENSE:								
Water Treatment Chemicals	672,762	1,058,384	63.57%	385,621	2,711,039	4,233,534	64.04%	1,522,495
Electricity	1,283,984	1,129,010	113.73%	-154,973	2,750,291	4,516,041	60.90%	1,765,750
Water for Resale	38,195	41,900	91.16%	3,705	155,674	167,600	92.88%	11,926
Total Variable Operating Expense	1,994,941	2,229,294	89.49%	234,353	5,617,003	8,917,175	62.99%	3,300,172
NON-OPERATING INCOME:								
Investment Income	798,079	50,259	1587.94%	747,820	1,823,470	201,035	907.04%	1,622,434
Miscellaneous	44,590	0	0.00%	44,590	216,156	0	0.00%	216,156
Litigation Recoveries	0	0	0.00%	0	19,851	0	0.00%	19,851
Capital Contributions (Grants)	0	0	0.00%	0	0	0	0.00%	0
Total Non-Operating Income	842,670	50,259	1676.66%	792,411	2,059,477	201,035	1024.44%	1,858,442
NON-OPERATING EXPENSES:								
Bond Issue Cost	0	0	0.00%	0	0	0	0.00%	0
Interest - Acquisition Credits	304,428	304,428	100.00%	0	1,217,713	1,217,713	100.00%	0
Interest - Bonds	2,963,193	2,963,193	0.00%	0	11,852,771	11,852,771	0.00%	0
Total Non-Operating Expenses	3,267,621	3,267,621	100.00%	0	13,070,484	13,070,485	100.00%	0
Excess of Revenues over Expenditures before Capital Transactions and Reserve Funding	5,014,256	3,647,393	137.48%	1,366,864	34,977,736	14,589,571	239.74%	20,388,165
OTHER EXPENDITURES:								
Principal - Acquisition Credits	548,202	548,202	100.00%	0	2,192,806	2,192,806	100.00%	0
Principal - Bonds	2,881,250	3,298,333	87.35%	-417,083	11,525,000	13,193,333	87.35%	-1,668,333
Capital Expenditures	267,583	128,067	208.94%	-139,516	387,621	512,268	75.67%	124,647
Total Other Expenditures	3,697,035	3,974,602	93.02%	-556,600	14,105,427	15,898,408	88.72%	-1,543,686
RESERVE FUNDING:								
Renewal & Replacement Reserve Funding (Note 2)	426,001	0	0.00%	-426,001	1,700,818	0	0.00%	-1,700,818
Renewal & Replacement Reserve Used (Note 3)	-11,389	0	0.00%	11,389	-43,643	0	0.00%	43,643
Operations & Maintenance Reserve	0	24,075	0.00%	24,075	0	96,299	0.00%	96,299
Rate Stabilization Fund	0	-247,667	0.00%	-247,667	0	-990,667	0.00%	-990,667
Energy Fund Reserve Funding (Note 2)	1,404	-116,933	0.00%	-118,337	143,555	-467,730	0.00%	-611,285
Energy Funding Used (Note 3)	0	48,273	0.00%	48,273	0	193,090	0.00%	193,090
Utility Reserve Transfers	0	0	0.00%	0	0	0	0.00%	0
Capital Improvement Funding (Note 2)	223,238	-2,326,052	-9.60%	-2,549,290	891,677	-9,304,207	-9.58%	-10,195,884
Capital Improvement Funding Used (Note 3)	-65,717	1,042,063	0.00%	1,107,780	-106,739	4,168,252	0.00%	4,274,991
Total Reserve Funding	573,537	-1,576,241	-36.39%	-2,149,778	2,585,667	-6,304,962	-41.01%	-8,890,629
Excess Revenue over Expenditures/ (Expenditures over Revenue) - Rate Basis	743,684	1,249,031	0	-1,339,514	18,286,641	4,996,125	0	9,953,850
Encumbrances as of 01/31/2020					57,118,259			

Note 1 - Rate Stabilization actuals reflect 3/12th of the approved budget transfer of \$5,768,060, encumbrance carryover of \$6,896,475 and other Board approved used of funds totaling \$2,972,000. Budgetary amounts are calculated on 3/12th of the transfer of \$5,768,060 approved in the FY20 budget.

Note 2 - Represents retention of interest earned in the Fund.

Note 3 - Represents use of the Fund for expenditures on board-approved projects as budgeted.

**TAMPA BAY WATER
UNIFORM RATE BASIS
Statement of Revenues and Expenditures
January 31, 2020**

OPERATING REVENUE:

Operating Grant - SWFWMD
Water Sales - Fixed
Water Sales - Variable
Water Sales - Other
Water Sales - Tampa By-Pass Canal
Rate Stabilization (Note 1)

Total Operating Revenue

OPERATING EXPENSES:

FIXED OPERATING EXPENSE:

Personnel Services
Materials & Supplies
Members Water Quality costs
Legal Services
Professional Services
Repairs & Other Services
Rent & Insurance

Total Fixed Operating Expense

VARIABLE OPERATING EXPENSE:

Water Treatment Chemicals
Electricity
Water for Resale

Total Variable Operating Expense

NON-OPERATING INCOME:

Investment Income
Miscellaneous
Litigation Recoveries
Capital Contributions (Grants)

Total Non-Operating Income

NON-OPERATING EXPENSES:

Bond Issue Cost
Interest - Acquisition Credits
Interest - Bonds

Total Non-Operating Expenses

**Excess of Revenues over Expenditures before Capital
Transactions and Reserve Funding**

OTHER EXPENDITURES:

Principal - Acquisition Credits
Principal - Bonds
Capital Expenditures

Total Other Expenditures

RESERVE FUNDING:

Renewal & Replacement Reserve Funding (Note 2)
Renewal & Replacement Reserve Used (Note 3)
Operations & Maintenance Reserve
Rate Stabilization Fund
Energy Fund Reserve Funding (Note 2)
Energy Funding Used (Note 3)
Utility Reserve Transfers
Capital Improvement Funding (Note 2)
Capital Improvement Funding Used (Note 3)

Total Reserve Funding

**Excess Revenue over Expenditures/
(Expenditures over Revenue) - Rate Basis**

Encumbrances as of 01/31/2020

Note 1 - Rate Stabilization actuals reflect 3/12th of the ap
used of funds totaling \$2,972,000. Budgetary amounts ar

Note 2 - Represents retention of interest earned in the Fi

Note 3 - Represents use of the Fund for expenditures on

**TAMPA BAY WATER
UNIFORM RATE BASIS
Statement of Revenues and Expenditures
February 29, 2020**

	Current Month Actual	Current Month Budget	Percent of Budget	\$ Variance	Year to Date Actual	Year to Date Budget	Percent of Budget	\$ Variance
OPERATING REVENUE:								
Operating Grant - SWFWMD	0	0	0.00%	0	0	0	0.00%	0
Water Sales - Fixed	11,889,620	11,889,620	100.00%	0	59,448,099	59,448,099	100.00%	0
Water Sales - Variable	2,152,789	2,221,462	96.91%	-68,673	10,892,308	11,107,308	98.06%	-214,999
Water Sales - Other	27,047	3,500	772.76%	23,547	41,047	17,500	234.55%	23,547
Water Sales - Tampa By-Pass Canal	0	32,667	0.00%	-32,667	0	163,333	0.00%	-163,333
Rate Stabilization (Note 1)	480,672	480,672	100.00%	0	12,271,833	2,403,358	510.61%	9,868,475
Total Operating Revenue	14,550,127	14,627,920	99.47%	-77,793	82,653,288	73,139,598	113.01%	9,513,689
OPERATING EXPENSES:								
FIXED OPERATING EXPENSE:								
Personnel Services	1,359,301	1,605,374	84.67%	246,072	6,979,004	8,026,869	86.95%	1,047,864
Materials & Supplies	133,266	205,456	64.86%	72,190	965,324	1,027,281	93.97%	61,957
Members Water Quality costs	4,000	4,000	100.00%	0	20,000	20,000	100.00%	0
Legal Services	25,116	49,845	50.39%	24,729	109,540	249,223	43.95%	139,683
Professional Services	1,672,150	2,913,577	57.39%	1,241,427	8,162,242	14,567,885	56.03%	6,405,643
Repairs & Other Services	281,150	570,518	49.28%	289,368	2,121,299	2,852,588	74.36%	731,289
Rent & Insurance	12,804	185,102	6.92%	172,298	1,627,791	925,508	175.88%	-702,284
Total Fixed Operating Expense	3,487,787	5,533,871	63.03%	2,046,084	19,985,202	27,669,355	72.23%	7,684,153
VARIABLE OPERATING EXPENSE:								
Water Treatment Chemicals	653,325	1,058,384	61.73%	405,059	3,364,364	5,291,918	63.58%	1,927,554
Electricity	528,030	1,129,010	46.77%	600,980	3,278,320	5,645,051	58.07%	2,366,730
Water for Resale	36,794	41,900	87.81%	5,106	192,467	209,500	91.87%	17,033
Total Variable Operating Expense	1,218,148	2,229,294	54.64%	1,011,146	6,835,151	11,146,469	61.32%	4,311,317
NON-OPERATING INCOME:								
Investment Income	1,053,099	50,259	2095.35%	1,002,840	2,876,568	251,294	1144.70%	2,625,274
Miscellaneous	5,796	0	0.00%	5,796	221,952	0	0.00%	221,952
Litigation Recoveries	0	0	0.00%	0	19,851	0	0.00%	19,851
Capital Contributions (Grants)	89,250	0	0.00%	89,250	89,250	0	0.00%	89,250
Total Non-Operating Income	1,148,145	50,259	2284.46%	1,097,886	3,207,622	251,294	1276.44%	2,956,327
NON-OPERATING EXPENSES:								
Bond Issue Cost	0	0	0.00%	0	0	0	0.00%	0
Interest - Acquisition Credits	304,428	304,428	100.00%	0	1,522,142	1,522,142	100.00%	0
Interest - Bonds	2,963,193	2,963,193	0.00%	0	14,815,964	14,815,964	0.00%	0
Total Non-Operating Expenses	3,267,621	3,267,621	100.00%	0	16,338,105	16,338,106	100.00%	0
Excess of Revenues over Expenditures before Capital Transactions and Reserve Funding	7,724,715	3,647,393	211.79%	4,077,323	42,702,451	18,236,963	234.15%	24,465,487
OTHER EXPENDITURES:								
Principal - Acquisition Credits	548,202	548,202	100.00%	0	2,741,008	2,741,008	100.00%	0
Principal - Bonds	2,881,250	3,298,333	87.35%	-417,083	14,406,250	16,491,667	87.35%	-2,085,417
Capital Expenditures	2,613	128,067	2.04%	125,454	390,234	640,335	60.94%	250,102
Total Other Expenditures	3,432,064	3,974,602	86.35%	-291,629	17,537,491	19,873,010	88.25%	-1,835,315
RESERVE FUNDING:								
Renewal & Replacement Reserve Funding (Note 2)	424,067	0	0.00%	-424,067	2,124,884	0	0.00%	-2,124,884
Renewal & Replacement Reserve Used (Note 3)	-26,295	0	0.00%	26,295	-69,938	0	0.00%	69,938
Operations & Maintenance Reserve	0	24,075	0.00%	24,075	0	120,374	0.00%	120,374
Rate Stabilization Fund	0	-247,667	0.00%	-247,667	0	-1,238,333	0.00%	-1,238,333
Energy Fund Reserve Funding (Note 2)	1,338	-116,933	0.00%	-118,270	144,893	-584,663	0.00%	-729,555
Energy Funding Used (Note 3)	0	48,273	0.00%	48,273	0	241,363	0.00%	241,363
Utility Reserve Transfers	0	0	0.00%	0	0	0	0.00%	0
Capital Improvement Funding (Note 2)	221,459	-2,326,052	-9.52%	-2,547,511	1,113,135	-11,630,259	-9.57%	-12,743,395
Capital Improvement Funding Used (Note 3)	-109,985	1,042,063	0.00%	1,152,048	-216,724	5,210,315	0.00%	5,427,039
Total Reserve Funding	510,583	-1,576,241	-32.39%	-2,086,823	3,096,250	-7,881,203	-39.29%	-10,977,453
Excess Revenue over Expenditures/ (Expenditures over Revenue) - Rate Basis	3,782,068	1,249,031	0	1,698,870	22,068,709	6,245,156	0	11,652,720
Encumbrances as of 02/29/2020					55,694,998			

Note 1 - Rate Stabilization actuals reflect 3/12th of the approved budget transfer of \$5,768,060, encumbrance carryover of \$6,896,475 and other Board approved used of funds totaling \$2,972,000. Budgetary amounts are calculated on 3/12th of the transfer of \$5,768,060 approved in the FY20 budget.

Note 2 - Represents retention of interest earned in the Fund.

Note 3 - Represents use of the Fund for expenditures on board-approved projects as budgeted.

DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Christina Sackett, Chief Financial Officer
SUBJECT: Potential True-Up of Fixed Costs between Member Governments as of February 29, 2020 - *Receive Report*

SUMMARY

Potential True Up of Fixed Costs between Member Governments as of February 29, 2020

SUGGESTED ACTION

Receive and File

COST/FUNDING SOURCE

n/a

DISCUSSION

To assist our Members in their planning and budgeting, we also present a monthly schedule that shows the projected true-up adjustment due each September based on the water production to date for the current year. Each member is billed for fixed charges through the year based upon their respective pro-rata share of the **prior** year's production.

The difference projected on the true-up table is communicated separately to each member government

this year on a monthly basis, in addition to this publication, to alert them to this year-end billing potential. This is done to ensure that each member is aware of the up-coming true-up billing and that the member government will have time to take appropriate planning measures for the September 2020 year end.

BACKGROUND

As required by the Master Water Supply Contract, each member's actual contributions are adjusted at year-end to the current year's budgeted fixed costs, based upon their pro-rata portion of **current** year production. This adjustment is called the true-up. This true-up adjustment results in amounts due to/from each member with no net revenue impact to the agency. It is calculated at the conclusion of each fiscal year, resulting in an invoice or credit to each member in October of each year.

Attachment

POTENTIAL TRUE UP FOR FY 2020 AS OF 2/29/2020

Monthly Demand

MONTH-YEAR	ST PETE	PINELLAS	TAMPA (Morris Br)	HILLSBOROUGH	PASCO	NEW PORT RICHEY	TOTALS	
Oct-19	834.39	1,523.68	0.39	2,152.23	985.53	91.56	5,587.78	
Nov-19	781.95	1,451.02	1.23	2,055.38	903.29	88.44	5,281.31	
Dec-19	791.56	1,429.44	-	1,986.07	908.94	88.74	5,204.75	
Jan-20	799.21	1,471.22	288.10	2,032.67	941.42	90.46	5,623.08	
Feb-20	767.17	1,413.71	322.74	1,890.55	863.81	86.58	5,344.56	
Mar-20							-	
Apr-20							-	
May-20							-	
Jun-20							-	
Jul-20							-	
Aug-20							-	
Sep-20							-	
FY 19 YEAR-END	10,096.45	17,731.28	0.59	23,708.98	10,628.08	1,102.51	63,267.89	173.34 MGD
FY 20 YTD	3,974.28	7,289.07	612.46	10,116.90	4,602.99	445.78	27,041.48	177.90 MGD
+ / -	(6,122.17)	(10,442.21)	611.87	(13,592.08)	(6,025.09)	(656.73)	(36,226.41)	4.57 MGD

FY20 YTD MGD	26.15	47.95	4.03	66.56	30.28	2.93	177.90
% of YTD	14.70%	26.96%	2.26%	37.41%	17.02%	1.65%	100.00%
FY 19 MGD	27.66	48.58	0.0016	64.96	29.12	3.02	173.34
% of FY19	15.96%	28.03%	0.0009%	37.47%	16.80%	1.74%	100%
Fixed billed FY20	\$ 22,768,507.52	\$ 39,985,815.02	\$ 1,330.51	\$ 53,466,128.14	\$ 23,967,386.50	\$ 2,486,270.64	\$ 142,675,438.33
Actual fixed based on % of ytd	\$ 20,968,975.85	\$ 38,458,370.52	\$ 3,231,442.92	\$ 53,378,481.58	\$ 24,286,156.52	\$ 2,352,010.94	\$ 142,675,438.33
Potential True-up	\$ (1,799,531.67)	\$ (1,527,444.50)	\$ 3,230,112.41	\$ (87,646.56)	\$ 318,770.02	(134,259.70)	0.00

DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Christina Sackett, Chief Financial Officer
SUBJECT: Management Statistic Report with Aged Accounts Receivable - January and February 2020 - *Receive Report*

SUMMARY

Management Statistic Report with Aged Accounts Receivable for January 31, 2020 and February 29, 2020.

SUGGESTED ACTION

Receive and File

COST/FUNDING SOURCE

n/a

DISCUSSION

The Management Statistics report provides a summary of Aged Receivables, Operations and Maintenance (O&M) labor as a percentage of controllable O&M costs and Inventory Turnover fiscal year to date through January 31, 2020 and February 29, 2020.

BACKGROUND

None

Attachment

Management Statistics with Aged Accounts Receivable

Based on Information Available Month Ending 1/31/2020

- Aged Accounts Receivable as of January 31, 2020

Acct. Receivable Balance 1/31/20	Current	Past Due Over 30 Days
\$6,516,051.32	\$6,516,051.32	-

- O&M Labor as a percentage of Controllable O&M costs = 59.2% through January 31, 2020
- Inventory Turnover Fiscal Year to Date through January 31, 2020 = 7.9%

Inventory at 10/1/2019	\$ 927,668.79
Inventory at 1/31/2020	926,851.75
Average	927,260.27
Cost of Inventory Used	73,217.26
Inventory Turnover Year to Date	7.9%

Based on Information Available Month Ending 2/29/2020

- Aged Accounts Receivable as of February 29, 2020

Acct. Receivable Balance 2/29/2020	Current	Past Due Over 30 Days
\$4,197,730.59	\$4,197,730.59	-

- O&M Labor as a percentage of Controllable O&M costs = 61.3% through February 29, 2020
- Inventory Turnover Fiscal Year to Date = 8.9%

Inventory at 10/1/2019	\$ 927,668.79
Inventory at 2/29/2020	933,510.54
Average	930,589.67
Cost of Inventory Used	83,232.28
Inventory Turnover Year to Date	8.9%

DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Christina Sackett, Chief Financial Officer
SUBJECT: Disposition of Fixed Assets through February 2020 - *Receive Report*

SUMMARY

Attached is a list of fixed assets and minor equipment removed from service and approved by the General Manager for disposal in accordance with policy.

SUGGESTED ACTION

Receive and File

COST/FUNDING SOURCE

N/A

DISCUSSION

The attached report is a detailed listing of the equipment and obsolete inventory removed from service in January and February 2020 approved by the General Manager for disposal consistent with Board policy.

The generators were no longer cost-effective to maintain and were replaced with newer, more efficient units. The vehicles were also no longer cost-effective to maintain and replaced with newer, more models. The computer equipment removed from service was disposed of as it was all out of warranty,

obsolete, and has been replaced with newer upgraded units. The analyzer equipment was cannibalized for its useful equipment as these units were no longer in operational condition.

BACKGROUND

None.

Attachment

TAMPA BAY WATER
 SURPLUS ITEMS APPROVED FOR DISPOSITION BY THE GENERAL MANAGER
 UNDER DELEGATION OF AUTHORITY FROM THE BOARD PER POLICY 650-08
 MONTH OF JANUARY/FEBRUARY 2020

ASSET#	ASSET DESCRIPTION	SERIAL NUMBER	ACQ DATE	ACQ COST	ACCUM	CURRENT	
					DEPR	BOOK	
4506	GENERATOR,KOHLER 200KW	283375	09/23/91	27,100.00	27,100.00	-	
4507	GENERATOR,KOHLER 200KW	283369	09/23/91	27,100.00	27,100.00	-	
10305	TURBIDIMETER,HACH 1720E	80600075536	08/14/08	2,030.40	2,030.40	-	
10474	2010 FORD EXPLORER 4X4 (#043)	1FMEU7DE2UA04145	09/03/09	21,683.00	21,683.00	-	
10657	LAPTOP,DELL LATITUDE E6510	F5FRRM1	07/15/10	1,733.37	1,733.37	-	
10766	LAPTOP,DELL LATITUDE E6510	G9ZF3Q1	03/24/11	1,149.00	1,149.00	-	
10767	LAPTOP,DELL LATITUDE E6510	4BZF3Q1	03/24/11	1,149.00	1,149.00	-	
10768	LAPTOP,DELL LATITUDE E6510	3KZF3Q1	03/24/11	1,149.00	1,149.00	-	
10770	LAPTOP,DELL LATITUDE E6510	4GZF3Q1	03/24/11	1,149.00	1,149.00	-	
10771	LAPTOP,DELL LATITUDE E6510	9CZF3Q1	03/24/11	1,149.00	1,149.00	-	
10773	LAPTOP,DELL LATITUDE E6510	H9ZF3Q1	03/24/11	1,149.00	1,149.00	-	
10776	LAPTOP,DELL LATITUDE E6510	DBZF3Q1	03/24/11	1,149.00	1,149.00	-	
10777	LAPTOP,DELL LATITUDE E6510	5WZF3Q1	03/24/11	1,149.00	1,149.00	-	
10779	LAPTOP,DELL LATITUDE E6510	HXZF3Q1	03/24/11	1,149.00	1,149.00	-	
10780	LAPTOP,DELL LATITUDE E6510	GCZF3Q1	03/24/11	1,149.00	1,149.00	-	
10782	LAPTOP,DELL LATITUDE E6510	2JZF3Q1	03/24/11	1,149.00	1,149.00	-	
10784	LAPTOP,DELL LATITUDE E6510	1CZF3Q1	03/24/11	1,149.00	1,149.00	-	
10786	LAPTOP,DELL LATITUDE E6510	FGZF3Q1	03/24/11	1,149.00	1,149.00	-	
10780	LAPTOP,DELL LATITUDE E6510	GCZF3Q1	03/24/11	1,149.00	1,149.00	-	
10782	LAPTOP,DELL LATITUDE E6510	2JZF3Q1	03/24/11	1,149.00	1,149.00	-	
10784	LAPTOP,DELL LATITUDE E6510	1CZF3Q1	03/24/11	1,149.00	1,149.00	-	
10786	LAPTOP,DELL LATITUDE E6510	FGZF3Q1	03/24/11	1,149.00	1,149.00	-	
10901	CONTROLLER,HACH SC200	1108C0020361	09/30/11	2,099.43	2,099.43	-	
10904	CONTROLLER,HACH SC200	1108C0020483	09/30/11	2,099.42	2,099.42	-	
11073	ANALYZER,APA6000,AMMONIA/MONO	120600444577	07/12/12	16,545.22	16,545.22	-	
11251	2013 GMC SAVANA 1500 CARGO VAN (#371)	1GTS8AF45D1180285	07/18/13	32,278.26	32,278.26	-	
11253	2013 FORD F-250 4WD (#367)	1FT17X2B65DEB47205	07/18/13	33,903.99	33,903.99	-	
11259	TABLET, MICROSOFT SURFACE PRO	16245332653	08/01/13	1,103.41	1,103.41	-	
11381	TABLET, MICROSOFT SURFACE PRO 3	8985542253	07/03/14	-	-	-	
11698	2016 CHEVROLET EQUINOX AWD (#656)	2GNFLEEK5G6298031	04/28/16	21,862.00	20,495.64	1,366.36	
11998	LAPTOP, PANASONIC TOUGHBOOK CF31	4ATYA84384	06/05/18	1,798.95	999.40	799.55	
na		-	-	-	-	-	
Total					210,870.45	208,704.54	2,165.91

DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Christina Sackett, Chief Financial Officer
SUBJECT: Vendor's Status Report through February 2020 - *Receive Report*

SUMMARY

The attached is a status report of As-Needed Professional Service Contracts and Vendors utilized by Tampa Bay Water through February 2020.

SUGGESTED ACTION

Receive and File

COST/FUNDING SOURCE

N/A

DISCUSSION

Attached is a summary of the as-needed contracted services being utilized by the agency through February 2020. This report shows total contract values, cumulative purchase orders against the contracts, and actual expenditures made under the contracts.

BACKGROUND

None.

Attachment.

Contract Summary

Monthly Status Report of Vendors

January 1, 2020 thru February 29, 2020

Vendor Name and Contract Dates				Contract Amount Authorized	Current Period PO Amount Issued	Previous PO Amount Issued	Total PO Issued To Date	Total Expended To Date	Outstanding PO Balance
A.C. SCHULTES OF FLORIDA, INC.				\$801,000.00		\$219,330.00	\$219,330.00	\$157,684.00	\$61,646.00
12/12/16	thru	12/31/19	2017011						
A.C. SCHULTES OF FLORIDA, INC.				\$600,000.00		\$0.00	\$0.00	\$0.00	\$0.00
08/19/19	thru		2019053						
A.C. SCHULTES OF FLORIDA, INC.				\$600,000.00		\$0.00	\$0.00	\$0.00	\$0.00
08/19/19	thru		2019055						
ADVANCED ENVIRONMENTAL LABORATORIES,				\$126,484.62		\$76,147.00	\$76,147.00	\$74,999.62	\$1,147.38
03/06/18	thru	03/31/19	2018021						
AIR CENTERS OF FLORIDA, INC.				\$60,000.00		\$60,000.00	\$60,000.00	\$33,558.99	\$26,441.01
02/08/19	thru	08/14/20	2019508						
AIRGAS USA, LLC				\$1,998,747.49		\$1,696,231.81	\$1,696,231.81	\$1,128,855.72	\$567,376.09
01/01/18	thru	09/30/18	2018004						
AJAX PAVING INDUSTRIES OF FLORIDA LLC				\$440,000.00		\$0.00	\$0.00	\$0.00	\$0.00
02/17/20	thru	09/30/21	2020702						
ALBERT E ROLLER				\$552,500.13		\$431,773.52	\$431,773.52	\$295,328.76	\$136,444.76
01/01/19	thru	12/31/19	2019001						
ALLIED UNIVERSAL CORPORATION				\$641,145.60		\$490,046.00	\$490,046.00	\$361,880.43	\$128,165.57
08/15/16	thru	09/30/17	2017007						
ALLIED UNIVERSAL CORPORATION				\$6,995,690.16		\$2,600,000.00	\$2,600,000.00	\$306,084.87	\$2,293,915.13
01/01/20	thru	09/30/20	2020024						
AMERICAN ACQUISITION GROUP, LLC				\$200,000.00		\$127,467.30	\$127,467.30	\$50,687.09	\$76,780.21
06/05/17	thru	11/09/20	2017703						
AMERICAN FACILITY SERVICES, INC.				\$46,405.77		\$33,799.68	\$33,799.68	\$33,193.44	\$606.24
01/15/19	thru		2019032						
AMERICAN WATER ACCIONA AGUA LLC				\$22,179,278.15		\$22,212,139.78	\$22,212,139.78	\$16,349,828.99	\$5,862,310.79
11/15/04	thru		2005062						
APPLIED ECOLOGY, INC				\$300,000.00	\$69,656.57	\$48,968.60	\$118,625.17	\$38,167.56	\$80,457.61
02/18/19	thru	02/18/22	2019022V						
ARCADIS US INC.				\$500,000.00		\$511,534.89	\$511,534.89	\$461,696.41	\$49,838.48
11/05/13	thru	11/05/18	2014003						

Contract Summary

Monthly Status Report of Vendors

January 1, 2020 thru February 29, 2020

Vendor Name and Contract Dates				Contract Amount Authorized	Current Period PO Amount Issued	Previous PO Amount Issued	Total PO Issued To Date	Total Expended To Date	Outstanding PO Balance
ARCADIS US INC.				\$605,059.44		\$530,523.08	\$530,523.08	\$375,728.88	\$154,794.20
02/20/17	thru	12/31/21	2016033V						
ARCADIS US INC.				\$750,000.00	\$217,480.00	\$387,708.50	\$605,188.50	\$214,809.82	\$390,378.68
05/11/17	thru		2017020						
ARCADIS US INC.				\$350,000.00		\$50,000.00	\$50,000.00	\$50,000.00	\$0.00
08/21/17	thru	10/31/20	2017052						
ARDURRA GROUP, INC				\$400,000.00		\$0.00	\$0.00	\$0.00	\$0.00
10/01/19	thru	09/30/24	2020003						
AREHNA ENGINEERING, INC.				\$100,000.00		\$7,172.50	\$7,172.50	\$7,172.50	\$0.00
05/11/17	thru		2017034						
ATKINS NORTH AMERICA, INC.				\$768,410.00		\$791,837.34	\$791,837.34	\$676,941.71	\$114,895.63
11/05/13	thru	11/05/18	2014004						
ATKINS NORTH AMERICA, INC.				\$750,000.00		\$368,800.00	\$368,800.00	\$258,300.00	\$110,500.00
05/11/17	thru		2017021						
ATKINS NORTH AMERICA, INC.				\$373,761.00		\$122,674.00	\$122,674.00	\$43,208.47	\$79,465.53
08/20/18	thru	08/20/23	2018048						
AVI INTEGRATORS INC				\$165,000.00	\$20,000.00	\$131,978.02	\$151,978.02	\$145,849.96	\$6,128.06
04/19/19	thru	04/30/20	2019036						
BAL ENGINEERING, INC.				\$90,000.00		\$30,000.00	\$30,000.00	\$28,735.00	\$1,265.00
02/14/19	thru		2019700						
BARTHLE BROTHERS RANCH				\$244,433.30		\$23,152.50	\$23,152.50	\$16,027.95	\$7,124.55
04/10/00	thru	09/30/13	AGR2002006						
BAYSIDE COATINGS INC				\$300,000.00		\$190,500.00	\$190,500.00	\$132,553.68	\$57,946.32
10/01/18	thru		2019008V						
BENJAMIN SOLUTIONS GROUP				\$50,000.00		\$42,799.00	\$42,799.00	\$34,516.00	\$8,283.00
11/14/17	thru	09/30/20	2018019						
BLACK & VEATCH CORPORATION				\$2,997,744.00		\$1,494,005.00	\$1,494,005.00	\$1,358,567.00	\$135,438.00
09/01/16	thru	09/30/20	2016031						
BLACK & VEATCH CORPORATION				\$750,000.00	\$116,807.00	\$322,760.00	\$439,567.00	\$310,039.18	\$129,527.82
05/11/17	thru		2017022						

Contract Summary

Monthly Status Report of Vendors

January 1, 2020 thru February 29, 2020

Vendor Name and Contract Dates				Contract Amount Authorized	Current Period PO Amount Issued	Previous PO Amount Issued	Total PO Issued To Date	Total Expended To Date	Outstanding PO Balance
BLACK & VEATCH CORPORATION				\$750,000.00	\$337,547.00	\$229,488.00	\$567,035.00	\$217,943.98	\$349,091.02
04/20/17	thru	04/17/22	2017030						
BLACK & VEATCH CORPORATION				\$2,900,000.00		\$2,420,000.00	\$2,420,000.00	\$288,697.62	\$2,131,302.38
10/21/19	thru	11/30/21	2020011						
BRENTAG MID-SOUTH INC				\$11,007,218.79		\$8,821,416.29	\$8,821,416.29	\$7,002,855.46	\$1,818,560.83
01/01/16	thru	09/30/17	2016006						
BRIAN G ORMISTON				\$610,000.00		\$223,420.00	\$223,420.00	\$211,220.00	\$12,200.00
02/15/16	thru	02/28/16	2016017						
BRIAN G ORMISTON				\$300,000.00		\$70,896.00	\$70,896.00	\$61,995.00	\$8,901.00
02/18/19	thru	02/28/22	2019016						
BROWN & CALDWELL				\$125,000.00		\$125,000.00	\$125,000.00	\$114,753.71	\$10,246.29
08/20/18	thru	10/31/20	2018712						
BUSACK LAW FIRM, P.A.				\$40,000.00		\$40,000.00	\$40,000.00	\$0.00	\$40,000.00
12/17/18	thru	09/30/19	2019037						
CAMPBELL SCIENTIFIC				\$134,205.00		\$134,202.68	\$134,202.68	\$134,128.61	\$74.07
06/17/19	thru	06/30/20	2019513						
CARDNO, INC				\$286,564.00		\$251,533.80	\$251,533.80	\$241,488.80	\$10,045.00
01/01/15	thru	04/20/19	2014040V						
CARDNO, INC				\$680,670.80		\$305,419.40	\$305,419.40	\$294,655.72	\$10,763.68
02/15/16	thru		2016023						
CARDNO, INC				\$300,000.00		\$165,340.00	\$165,340.00	\$76,975.00	\$88,365.00
04/29/19	thru		2019023						
CARMEUSE LIME & STONE, INC.				\$2,247,014.88		\$862,682.00	\$862,682.00	\$212,614.47	\$650,067.53
01/01/20	thru	09/30/20	2020036						
CDM SMITH INC				\$500,000.00		\$505,320.00	\$505,320.00	\$457,161.75	\$48,158.25
11/05/13	thru	11/05/18	2014006						
CDM SMITH INC				\$2,495,216.00	\$193,850.00	\$707,515.00	\$901,365.00	\$469,820.00	\$431,545.00
05/11/17	thru	05/11/22	2017023						
CDM SMITH INC				\$300,000.00		\$0.00	\$0.00	\$0.00	\$0.00
10/21/19	thru	10/31/22	2020014						

Contract Summary

Monthly Status Report of Vendors

January 1, 2020 thru February 29, 2020

Vendor Name and Contract Dates				Contract Amount Authorized	Current Period PO Amount Issued	Previous PO Amount Issued	Total PO Issued To Date	Total Expended To Date	Outstanding PO Balance
CH2M HILL ENGINEERS INC				\$750,000.00		\$299,742.00	\$299,742.00	\$280,166.07	\$19,575.93
04/17/17	thru	04/17/22	2017041						
CHANDLER ASSET MANAGEMENT, INC.				\$259,500.00		\$262,500.00	\$262,500.00	\$200,609.48	\$61,890.52
10/17/16	thru	10/31/17	2017008						
CHEMICAL SYSTEMS OF ORLANDO, INC.				\$621,395.00		\$787,308.65	\$787,308.65	\$486,808.50	\$300,500.15
01/01/17	thru	09/30/17	2017019						
CITRUS PARK WELL DRILLING & IRRIGATION INC				\$100,000.00		\$0.00	\$0.00	\$0.00	\$0.00
06/18/18	thru		2018032						
CLIFTONLARSONALLEN LLP				\$50,000.00		\$50,000.00	\$50,000.00	\$32,786.50	\$17,213.50
03/05/18	thru		2018707						
CLIFTONLARSONALLEN LLP				\$178,000.00		\$178,000.00	\$178,000.00	\$119,000.00	\$59,000.00
08/19/19	thru	08/19/20	2020001						
CONN & BUENAVENTURA, P.A.				\$643,500.00		\$518,375.00	\$518,375.00	\$361,620.90	\$156,754.10
05/01/18	thru		2018044						
CORCORAN & ASSOCIATES, INC.				\$667,725.00		\$619,950.00	\$619,950.00	\$557,155.00	\$62,795.00
10/19/15	thru	10/19/17	2016002						
CUMBNEY & FAIR, INC.				\$400,000.00		\$3,274.00	\$3,274.00	\$2,946.60	\$327.40
10/01/19	thru	09/30/24	2020007						
DEAN, MEAD, EGERTON, BLOODWORTH,				\$464,828.14		\$262,000.00	\$262,000.00	\$234,828.14	\$27,171.86
12/16/13	thru	10/31/20	2014033						
DEAN, MEAD, EGERTON, BLOODWORTH,				\$125,000.00		\$120,000.00	\$120,000.00	\$41,180.50	\$78,819.50
12/17/18	thru	09/30/19	2019038						
DESIGNER AT LARGE				\$50,000.00		\$40,491.25	\$40,491.25	\$40,283.75	\$207.50
12/01/17	thru	09/30/20	2018018						
DEWBERRY ENGINEERS, INC				\$400,000.00		\$16,880.00	\$16,880.00	\$0.00	\$16,880.00
10/01/19	thru	09/30/24	2020009						
DIALOGUE PUBLIC RELATIONS, LLC				\$150,000.00	\$61,750.00	\$82,850.00	\$144,600.00	\$68,568.75	\$76,031.25
08/21/17	thru	09/30/20	2018014						
DIGITAL AERIAL SOLUTIONS, LLC				\$509,780.52		\$334,955.36	\$334,955.36	\$197,174.48	\$137,780.88
07/01/18	thru		2018043						

Contract Summary

Monthly Status Report of Vendors

January 1, 2020 thru February 29, 2020

Vendor Name and Contract Dates				Contract Amount Authorized	Current Period PO Amount Issued	Previous PO Amount Issued	Total PO Issued To Date	Total Expended To Date	Outstanding PO Balance
DIVERSIFIED DRILLING CORPORATION				\$1,000,000.00		\$382,632.30	\$382,632.30	\$342,479.52	\$40,152.78
12/12/16	thru	12/31/19	2017010						
E.M. SCOTT GENERAL CONTRACTOR, INC				\$129,198.00		\$129,198.00	\$129,198.00	\$10,566.00	\$118,632.00
06/24/19	thru		2019045						
EAU GALLIE ELECTRIC, INC.				\$1,138,300.00		\$1,138,300.00	\$1,138,300.00	\$1,076,571.36	\$61,728.64
04/04/18	thru	12/31/19	2018023						
EAU GALLIE ELECTRIC, INC.				\$946,800.00		\$946,800.00	\$946,800.00	\$0.00	\$946,800.00
07/16/19	thru	03/31/20	2019044						
EAU GALLIE ELECTRIC, INC.				\$2,306,855.00		\$2,306,855.00	\$2,306,855.00	\$0.00	\$2,306,855.00
09/19/19	thru	08/15/20	2019057						
ELECTRIC GAS INDUSTRIES ASSOCIATION				\$2,320,894.00		\$495,945.00	\$495,945.00	\$132,250.00	\$363,695.00
10/21/19	thru	10/31/24	2020010						
ELECTRICAL ENGINEERING ENTERPRISES INC				\$800,000.00	\$150,000.00	\$463,200.00	\$613,200.00	\$306,717.47	\$306,482.53
12/12/16	thru	12/31/20	2017015						
ELECTRICAL ENGINEERING ENTERPRISES INC				\$949,999.50	\$150,000.00	\$522,594.00	\$672,594.00	\$476,641.19	\$195,952.81
12/16/16	thru	12/31/20	2017017						
ENERGYCAP, INC.				\$148,662.25		\$148,662.25	\$148,662.25	\$84,370.00	\$64,292.25
02/18/19	thru		2019030						
ENTERPRISE FM TRUST				\$1,342,769.55		\$571,295.33	\$571,295.33	\$563,552.96	\$7,742.37
02/19/18	thru		2018704						
ENVIRONMENTAL SCIENCE ASSOCIATES				\$2,818,065.09		\$1,882,775.00	\$1,882,775.00	\$1,390,574.09	\$492,200.91
10/01/16	thru	09/30/20	2017004						
ENVIRONMENTAL SCIENCE ASSOCIATES				\$350,000.00		\$378,399.00	\$378,399.00	\$240,658.60	\$137,740.40
08/21/17	thru	10/31/20	2017053						
ENVIRONMENTAL SCIENCE ASSOCIATES				\$300,000.00		\$0.00	\$0.00	\$0.00	\$0.00
10/21/19	thru	10/31/22	2020015						
F.H. BLACK AND COMPANY INC.				\$62,724.00		\$62,724.00	\$62,724.00	\$60,744.00	\$1,980.00
09/07/18	thru	12/31/20	2018713						
FCX, LLC				\$77,810.00		\$77,810.00	\$77,810.00	\$31,152.00	\$46,658.00
07/01/17	thru	06/30/18	2017055						

Contract Summary

Monthly Status Report of Vendors

January 1, 2020 thru February 29, 2020

Vendor Name and Contract Dates				Contract Amount Authorized	Current Period PO Amount Issued	Previous PO Amount Issued	Total PO Issued To Date	Total Expended To Date	Outstanding PO Balance
FLATWOODS CONSULTING GROUP, INC.				\$324,400.00		\$324,400.00	\$324,400.00	\$257,880.00	\$66,520.00
10/01/14	thru	09/30/19	2015008						
FPA INC				\$82,039.00		\$82,039.00	\$82,039.00	\$71,643.00	\$10,396.00
10/20/17	thru	03/31/18	2017059						
GANNETT FLEMING, INC				\$425,000.00		\$425,000.00	\$425,000.00	\$131,571.60	\$293,428.40
04/02/19	thru	04/30/20	2019509						
GEORGE F YOUNG INC				\$400,000.00		\$0.00	\$0.00	\$0.00	\$0.00
10/01/19	thru	09/30/24	2020002						
GHD SERVICES, INC.				\$350,000.00		\$199,359.87	\$199,359.87	\$122,450.47	\$76,909.40
08/21/17	thru	09/30/20	2017050						
GRAY ROBINSON, P.A.				\$50,000.00		\$50,000.00	\$50,000.00	\$9,824.87	\$40,175.13
12/17/18	thru	09/30/19	2019039						
GREELEY AND HANSEN LLC				\$750,000.00	\$165,843.00	\$63,660.00	\$229,503.00	\$63,660.00	\$165,843.00
05/11/17	thru	06/22/22	2017024						
GREENMAN-PEDERSEN, INC.				\$337,790.33		\$337,790.33	\$337,790.33	\$298,919.69	\$38,870.64
10/01/14	thru	09/30/19	2015010						
GREENMAN-PEDERSEN, INC.				\$628,611.35		\$263,397.05	\$263,397.05	\$262,081.49	\$1,315.56
02/15/16	thru		2016020						
GREENMAN-PEDERSEN, INC.				\$322,509.00		\$152,568.57	\$152,568.57	\$63,722.33	\$88,846.24
08/20/18	thru	08/20/23	2018047						
GREENMAN-PEDERSEN, INC.				\$300,000.00	\$28,658.13	\$55,337.54	\$83,995.67	\$50,168.47	\$33,827.20
02/18/19	thru	02/19/22	2019017						
GSI ENVIRONMENTAL, INC.				\$1,035,000.00		\$876,405.50	\$876,405.50	\$767,132.61	\$109,272.89
12/09/13	thru	12/29/19	2014018						
GSI ENVIRONMENTAL, INC.				\$750,000.00		\$400,567.00	\$400,567.00	\$23,142.47	\$377,424.53
10/21/19	thru	10/31/24	2020017						
HATCH ASSOCIATES CONSULTANTS, INC.				\$750,000.00		\$228,205.00	\$228,205.00	\$160,749.06	\$67,455.94
05/15/17	thru	09/30/22	2017031						
HAWKINS, INC.				\$120,625.01		\$88,651.98	\$88,651.98	\$73,835.41	\$14,816.57
01/01/18	thru		2018008						

Contract Summary

Monthly Status Report of Vendors

January 1, 2020 thru February 29, 2020

Vendor Name and Contract Dates				Contract Amount Authorized	Current Period PO Amount Issued	Previous PO Amount Issued	Total PO Issued To Date	Total Expended To Date	Outstanding PO Balance
HAYS HOLDING CORPORATION				\$532,006.58		\$0.00	\$0.00	\$0.00	\$0.00
03/06/20	thru	03/31/22	2017705						
HAZEN & SAWYER, P.C.				\$3,614,083.42		\$3,593,622.00	\$3,593,622.00	\$3,435,621.20	\$158,000.80
12/18/06	thru		2007034						
HAZEN & SAWYER, P.C.				\$999,275.70		\$640,370.00	\$640,370.00	\$524,910.70	\$115,459.30
11/05/13	thru	10/30/19	2014019						
HAZEN & SAWYER, P.C.				\$4,025,910.00		\$4,025,910.00	\$4,025,910.00	\$2,655,979.88	\$1,369,930.12
08/27/14	thru	12/31/19	2015011						
HAZEN & SAWYER, P.C.				\$750,000.00		\$267,570.00	\$267,570.00	\$216,931.75	\$50,638.25
05/11/17	thru		2017025						
HAZEN & SAWYER, P.C.				\$695,000.00		\$695,000.00	\$695,000.00	\$63,601.27	\$631,398.73
10/21/19	thru	10/30/20	2020012						
HAZEN & SAWYER, P.C.				\$300,000.00		\$0.00	\$0.00	\$0.00	\$0.00
10/21/19	thru	10/30/22	2020013						
HAZEN & SAWYER, P.C.				\$750,000.00		\$10,000.00	\$10,000.00	\$0.00	\$10,000.00
10/21/19	thru	10/31/24	2020018						
HIGH TECH ENGINEERING INCORPORATED				\$368,649.38		\$337,977.48	\$337,977.48	\$274,113.95	\$63,863.53
07/01/17	thru	06/30/18	2017054						
HILLSBOROUGH COUNTY				\$166,235.00		\$166,235.00	\$166,235.00	\$166,234.35	\$0.65
08/20/18	thru	12/31/19	AGR2019001						
HILLSBOROUGH COUNTY				\$172,880.00		\$172,880.00	\$172,880.00	\$0.00	\$172,880.00
10/16/19	thru	12/31/20	AGR2020001						
HSW ENGINEERING INC				\$600,000.00		\$363,495.00	\$363,495.00	\$72,762.50	\$290,732.50
08/21/17	thru	10/21/20	2017051						
HSW ENGINEERING INC				\$300,000.00		\$0.00	\$0.00	\$0.00	\$0.00
10/21/19	thru	10/31/22	2020016						
HYDRO SOLUTIONS CONSULTING LLC				\$750,000.00		\$198,190.68	\$198,190.68	\$140,745.61	\$57,445.07
05/11/17	thru		2017026						
IN DEPTH INC.				\$140,000.00	\$28,100.00	\$30,750.00	\$58,850.00	\$28,860.00	\$29,990.00
09/13/18	thru	09/30/20	2019006						

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Vendor Name and Contract Dates				Contract Amount Authorized	Current Period PO Amount Issued	Previous PO Amount Issued	Total PO Issued To Date	Total Expended To Date	Outstanding PO Balance
INSTRUMENT SPECIALTIES INC				\$97,258.94		\$97,258.94	\$97,258.94	\$0.00	\$97,258.94
12/10/19	thru	12/31/20	2020031						
INTERA, INC.				\$500,000.00		\$498,333.00	\$498,333.00	\$267,322.96	\$231,010.04
11/05/13	thru	10/30/19	2014020						
INTERA, INC.				\$106,000.00		\$106,000.00	\$106,000.00	\$102,764.92	\$3,235.08
06/19/17	thru	12/31/18	2017514						
INTERA, INC.				\$750,000.00		\$0.00	\$0.00	\$0.00	\$0.00
10/21/19	thru	10/31/24	2020019						
JANICKI ENVIRONMENTAL, INC.				\$300,000.00		\$13,250.00	\$13,250.00	\$13,250.00	\$0.00
02/18/19	thru	02/28/22	2019021						
JEFFREY D BAKER				\$100,000.00		\$0.00	\$0.00	\$0.00	\$0.00
06/18/18	thru		2018031						
JOHN H GRANGER MAINTENANCE &				\$1,000,000.00	\$20,000.00	\$1,045,672.00	\$1,065,672.00	\$868,747.46	\$196,924.54
10/01/17	thru	09/30/21	2018003						
JOHNSTON, MIRMIRAN & THOMPSON, INC.				\$750,000.00		\$335,852.00	\$335,852.00	\$251,066.30	\$84,785.70
05/11/17	thru		2017027						
KEMIRA WATER SOLUTIONS, INC.				\$2,294,367.50		\$1,376,620.50	\$1,376,620.50	\$685,258.27	\$691,362.23
10/01/19	thru		2020021						
KING ENGINEERING ASSOCIATES INC				\$300,000.00		\$245,290.00	\$245,290.00	\$234,040.00	\$11,250.00
10/01/14	thru	09/30/19	2015003						
LAWNWALKER SERVICES, INC.				\$350,000.00		\$240,000.00	\$240,000.00	\$95,716.50	\$144,283.50
02/18/19	thru	02/28/20	2019013						
LEW ELECTRICAL SERVICES, LLC				\$800,000.00		\$230,000.00	\$230,000.00	\$116,666.60	\$113,333.40
12/01/16	thru	12/31/20	2017016						
LHOIST NORTH AMERICA OF ALABAMA, LLC				\$298,636.97		\$135,772.50	\$135,772.50	\$85,164.61	\$50,607.89
10/01/19	thru		2020022						
LOCHER ENVIRONMENTAL TECHNOLOGY LLC				\$80,000.00		\$88,773.52	\$88,773.52	\$35,242.67	\$53,530.85
10/26/17	thru	12/07/21	2018703						
LOUIS BERGER U.S. INC.				\$750,000.00		\$114,160.00	\$114,160.00	\$96,030.00	\$18,130.00
04/17/17	thru	04/17/22	2017043						

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MAKO GROUP LLC				\$100,000.00		\$100,000.00	\$100,000.00	\$100,000.00	\$0.00
02/20/17	thru	12/31/18	2017056						
MATHESON TRI-GAS INC.				\$2,509,039.14		\$2,420,379.50	\$2,420,379.50	\$1,936,601.42	\$483,778.08
08/31/16	thru	09/30/17	2017006						
MAULDIN & JENKINS, LLC				\$390,500.00		\$399,500.00	\$399,500.00	\$355,500.00	\$44,000.00
07/11/17	thru	06/30/20	2017044						
MAYES FACILITATION SERVICES, LLC				\$34,600.00		\$0.00	\$0.00	\$0.00	\$0.00
12/16/19	thru	09/30/20	2020513						
MC SQUARED, INC.				\$100,000.00	\$5,000.00	\$13,376.37	\$18,376.37	\$13,360.58	\$5,015.79
05/11/17	thru		2017035						
MCKIM & CREED PA				\$750,000.00	\$35,441.00	\$620,474.33	\$655,915.33	\$250,701.43	\$405,213.90
05/11/17	thru		2017028						
MCKIM & CREED PA				\$350,000.00		\$299,996.00	\$299,996.00	\$285,612.80	\$14,383.20
09/14/18	thru	08/31/19	2018010						
MEASUREMENT SPECIALTIES INC.				\$116,289.50		\$58,120.98	\$58,120.98	\$28,892.89	\$29,228.09
01/09/19	thru	02/29/20	2019031						
METZGER & WILLARD INC				\$503,489.33		\$701,179.20	\$701,179.20	\$464,586.66	\$236,592.54
11/05/13	thru	11/05/18	2014010						
METZGER & WILLARD INC				\$750,000.00		\$259,427.20	\$259,427.20	\$124,061.95	\$135,365.25
05/11/17	thru		2017029						
MGT OF AMERICA CONSULTING, LLC				\$28,415.00		\$28,415.00	\$28,415.00	\$18,485.00	\$9,930.00
04/30/19	thru		2019035						
NABORS, GIBLIN, & NICKERSON P.A.				\$50,000.00		\$50,000.00	\$50,000.00	\$13,809.21	\$36,190.79
12/17/18	thru	09/17/19	2019040						
ODYSSEY MANUFACTURING COMPANY				\$5,973,513.64		\$2,261,208.00	\$2,261,208.00	\$1,489,730.05	\$771,477.95
01/01/19	thru	09/30/19	2019005						
PACE ANALYTICAL SERVICES, INC.				\$120,000.00		\$30,000.00	\$30,000.00	\$14,767.00	\$15,233.00
02/20/18	thru	03/31/19	2018022						
PAFF TREE SERVICE, LLC				\$142,909.20		\$95,000.00	\$95,000.00	\$94,238.20	\$761.80
02/26/18	thru	03/31/19	2018028						

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PASCO COUNTY OFFICES				\$157,672.00		\$157,672.00	\$157,672.00	\$34,708.59	\$122,963.41
08/19/19	thru	09/30/20	AGR2020002						
PCL CONSTRUCTION, INC.				\$2,168,480.00		\$2,168,480.00	\$2,168,480.00	\$41,130.00	\$2,127,350.00
11/01/19	thru	02/28/22	2020029						
PCL CONSTRUCTION, INC.				\$1,028,250.00	\$1,028,250.00	\$0.00	\$1,028,250.00	\$0.00	\$1,028,250.00
02/17/20	thru	09/30/22	2020704						
PEAKBIETY				\$50,000.00		\$25,320.00	\$25,320.00	\$14,511.25	\$10,808.75
10/27/17	thru	09/30/20	2018016						
PFM ASSET MANAGEMENT LLC				\$500,000.00		\$170,915.00	\$170,915.00	\$131,097.50	\$39,817.50
06/09/06	thru	09/30/17	2006067						
PFM FINANCIAL ADVISORS LLC				\$8,002.00		\$0.00	\$0.00	\$0.00	\$0.00
10/17/16	thru		2017700V						
PINELLAS COUNTY BOARD OF COUNTY				\$151,570.00		\$151,570.00	\$151,570.00	\$138,373.82	\$13,196.18
08/20/18	thru	12/31/19	AGR2019003						
PINELLAS COUNTY BOARD OF COUNTY				\$157,672.00		\$0.00	\$0.00	\$0.00	\$0.00
09/30/19	thru	09/30/20	AGR2020-00						
PINELLAS COUNTY BOARD OF COUNTY				\$157,672.00		\$157,672.00	\$157,672.00	\$21,895.10	\$135,776.90
09/26/19	thru	09/30/20	AGR2020003						
PIPER FIRE PROTECTION, INC.				\$275,000.00	\$15,000.00	\$251,621.26	\$266,621.26	\$140,702.98	\$125,918.28
10/01/18	thru	09/30/19	2019010						
POLYDYNE INC				\$403,555.00		\$322,844.00	\$322,844.00	\$175,493.38	\$147,350.62
10/01/19	thru		2020023						
POND & COMPANY				\$910,951.07		\$637,008.90	\$637,008.90	\$516,724.50	\$120,284.40
11/01/15	thru	10/31/20	2016004						
PORT CONSOLIDATED INC				\$674,707.21		\$604,952.75	\$604,952.75	\$553,544.79	\$51,407.96
04/14/16	thru	05/31/17	2016707						
PORT CONSOLIDATED INC				\$312,500.00	\$15,000.00	\$0.00	\$15,000.00	\$0.00	\$15,000.00
01/01/20	thru	12/15/20	2020703						
PRITCHETT STEINBECK GROUP, INC.				\$535,520.00		\$313,663.12	\$313,663.12	\$171,465.05	\$142,198.07
10/01/18	thru	09/30/23	2018046						

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PRITCHETT STEINBECK GROUP, INC.				\$300,000.00		\$119,552.25	\$119,552.25	\$80,763.07	\$38,789.18
02/18/19	thru	02/28/22	2019018						
PROC STEP INC.				\$58,310.00		\$45,815.00	\$45,815.00	\$45,775.00	\$40.00
02/23/18	thru	02/22/19	2017504						
PROCORR, INC.				\$1,046,685.94		\$980,653.09	\$980,653.09	\$764,531.08	\$216,122.01
08/15/16	thru	09/30/17	2017005						
PUBLIC FINANCIAL MGMT., INC. (PFM)				\$80,000.00		\$64,000.00	\$64,000.00	\$54,658.32	\$9,341.68
10/17/16	thru		2017700						
PVS TECHNOLOGIES, INC.				\$592,984.00		\$389,528.00	\$389,528.00	\$119,925.45	\$269,602.55
01/01/18	thru	09/30/18	2018007						
QRC INC				\$1,000,000.00		\$260,908.60	\$260,908.60	\$109,490.40	\$151,418.20
08/21/17	thru	09/30/21	2018013						
QUEST ECOLOGY INC				\$300,000.00		\$20,000.00	\$20,000.00	\$0.00	\$20,000.00
02/18/19	thru	02/28/22	2019014						
QUEST ECOLOGY INC				\$300,000.00	\$10,000.00	\$6,635.00	\$16,635.00	\$1,400.00	\$15,235.00
04/19/19	thru		2019024						
RAFTELIS FINANCIAL CONSULTANTS, INC.				\$750,000.00		\$159,330.00	\$159,330.00	\$149,114.67	\$10,215.33
04/17/17	thru	04/17/22	2017042						
REISS ENGINEERING INC				\$500,000.00		\$500,307.00	\$500,307.00	\$408,072.16	\$92,234.84
11/05/13	thru	11/05/18	2014012						
REYNOLDS SMITH & HILLS INC				\$333,334.00		\$279,696.12	\$279,696.12	\$221,682.12	\$58,014.00
04/21/14	thru	04/20/19	2014042						
RICK RICHARDS, INC.				\$107,658.50		\$51,570.00	\$51,570.00	\$32,658.50	\$18,911.50
02/26/18	thru	03/31/19	2018029						
RICK RICHARDS, INC.				\$300,000.00	\$14,000.00	\$50,500.00	\$64,500.00	\$26,225.00	\$38,275.00
04/19/19	thru		2019027						
RING POWER CORPORATION				\$306,000.00	\$23,732.00	\$243,292.00	\$267,024.00	\$193,343.49	\$73,680.51
04/16/18	thru		2018708						
ROWLAND INC				\$1,000,000.00		\$396,540.00	\$396,540.00	\$324,093.82	\$72,446.18
10/01/17	thru	09/30/21	2018002						

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ROWLAND INC				\$1,000,000.00	\$100,000.00	\$415,000.00	\$515,000.00	\$442,426.69	\$72,573.31
10/01/17	thru	09/30/21	2018012						
RYMAN ROOFING INC.				\$200,000.00		\$100,000.00	\$100,000.00	\$63,013.00	\$36,987.00
10/25/18	thru	10/31/19	2019003						
S & C JANITORIAL, INC				\$58,926.14		\$42,187.12	\$42,187.12	\$36,913.06	\$5,274.06
01/15/19	thru		2019033						
SMITH INDUSTRIES INC				\$200,000.00		\$145,000.00	\$145,000.00	\$67,003.47	\$77,996.53
06/18/18	thru	04/30/19	2018040						
SOUTHEAST DRILLING SERVICES INC				\$600,000.00	\$50,000.00	\$95,000.00	\$145,000.00	\$30,940.00	\$114,060.00
08/19/19	thru		2019054						
SOUTHEAST DRILLING SERVICES INC				\$600,000.00		\$0.00	\$0.00	\$0.00	\$0.00
08/19/19	thru		2019056						
SOUTHEASTERN SURVEYING AND MAPPING				\$400,000.00		\$0.00	\$0.00	\$0.00	\$0.00
10/01/19	thru	09/30/24	2020006						
STANTEC CONSULTING SERVICES, INC.				\$1,319,903.50		\$0.00	\$0.00	\$0.00	\$0.00
02/17/20	thru	08/31/23	2020026						
STEARNS WEAVER MILLER WEISSLER				\$40,000.00		\$40,000.00	\$40,000.00	\$3,049.00	\$36,951.00
12/17/18	thru	09/30/19	2019041						
SULPHURIC ACID TRADING CO. INC				\$2,438,784.98		\$2,322,441.51	\$2,322,441.51	\$1,754,509.63	\$567,931.88
01/01/18	thru	09/30/18	2018006						
SURVTECH SOLUTIONS, INC.				\$270,000.00		\$179,615.00	\$179,615.00	\$177,715.00	\$1,900.00
10/01/14	thru	09/30/19	2015005						
SURVTECH SOLUTIONS, INC.				\$400,000.00		\$0.00	\$0.00	\$0.00	\$0.00
10/01/19	thru	09/30/24	2020008						
TAMCO ELECTRIC INC				\$800,000.00	\$150,000.00	\$428,538.45	\$578,538.45	\$280,006.49	\$298,531.96
12/16/16	thru	12/31/20	2017018						
TAMPA ARMATURE WORKS INC				\$500,000.00		\$73,518.12	\$73,518.12	\$73,518.12	\$0.00
05/03/18	thru	05/03/22	2018024						
TAMPA ARMATURE WORKS INC				\$2,000,000.00	\$50,000.00	\$134,694.00	\$184,694.00	\$99,769.98	\$84,924.02
05/03/18	thru	05/03/22	2018026						

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TAMPA BAY SYSTEM SALES				\$721,000.97		\$723,037.06	\$723,037.06	\$698,585.93	\$24,451.13
08/15/16	thru	09/30/17	2017009						
TAMPA BAY SYSTEM SALES				\$255,000.00		\$200,880.00	\$200,880.00	\$146,216.34	\$54,663.66
10/01/19	thru		2020700						
TANNER INDUSTRIES, INC.				\$687,399.84		\$420,762.00	\$420,762.00	\$272,722.22	\$148,039.78
01/01/19	thru	09/30/19	2019004						
TAW TECHNICAL FIELD SERVICES INC				\$987,591.00		\$987,591.00	\$987,591.00	\$508,982.85	\$478,608.15
09/13/18	thru	02/28/20	2018020						
TONOAH A. HART				\$153,114.50		\$126,715.00	\$126,715.00	\$119,089.50	\$7,625.50
02/26/18	thru	03/31/19	2018030						
TRAUTMAN'S PAINTING LLC				\$200,000.00		\$100,000.00	\$100,000.00	\$46,232.66	\$53,767.34
10/01/18	thru	09/30/19	2019009						
UNIVERSAL ENVIRONMENTAL SOLUTIONS, LLC				\$70,000.00	\$10,575.75	\$28,111.00	\$38,686.75	\$28,111.00	\$10,575.75
08/20/18	thru	09/30/20	2019007						
UNIVERSAL PROTECTION SERVICE LP				\$2,678,735.14		\$2,526,884.70	\$2,526,884.70	\$2,082,486.34	\$444,398.36
03/25/15	thru	12/15/19	2015053v						
UNIVERSITY OF CENTRAL FLORIDA				\$32,880.00		\$32,880.00	\$32,880.00	\$0.00	\$32,880.00
09/26/19	thru	02/26/21	2020034						
UNIVERSITY OF FLORIDA				\$94,201.00		\$94,001.00	\$94,001.00	\$0.00	\$94,001.00
09/30/19	thru	08/31/20	AGR2019007						
UNIVERSITY OF FLORIDA IFAS EXTENSION				\$90,000.00		\$0.00	\$0.00	\$0.00	\$0.00
09/30/19	thru	12/31/21	AGR2019008						
UNIVERSITY OF FLORIDA WATER INSTITUTE				\$78,859.00		\$0.00	\$0.00	\$0.00	\$0.00
08/19/19	thru	09/30/21	2020037						
UNIVERSITY OF SOUTH FLORIDA				\$65,000.00		\$0.00	\$0.00	\$0.00	\$0.00
04/03/20	thru	02/28/21	2020048						
UNIVERSITY OF SOUTH FLORIDA				\$176,875.00		\$176,875.00	\$176,875.00	\$25,705.75	\$151,169.25
09/01/19	thru		AGR2019006						
USGS				\$20,000.00		\$20,000.00	\$20,000.00	\$0.00	\$20,000.00
10/01/19	thru	09/30/20	AGR2020005						

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VANASSE HANGEN BRUSTLIN INC				\$571,350.00		\$465,625.00	\$465,625.00	\$376,101.69	\$89,523.31
10/01/17	thru	09/30/20	2017003						
VANASSE HANGEN BRUSTLIN INC				\$956,774.50		\$735,296.00	\$735,296.00	\$405,335.02	\$329,960.98
08/21/17	thru	09/30/21	2017046						
VANASSE HANGEN BRUSTLIN INC				\$300,000.00		\$211,634.56	\$211,634.56	\$83,370.63	\$128,263.93
02/18/19	thru	02/28/22	2019015						
VEOLIA ENVIRONMENT NORTH AMERICA				\$531,372.00		\$531,372.00	\$531,372.00	\$131,008.80	\$400,363.20
08/01/19	thru	07/30/20	2019515						
VEOLIA WATER NORTH AMERICA				\$1,705,552.47		\$1,577,483.29	\$1,577,483.29	\$1,117,337.95	\$460,145.34
01/14/14	thru	09/30/20	2014029						
VOLTAIR CONSULTING ENGINEERS INC.				\$250,000.00		\$49,259.00	\$49,259.00	\$18,834.00	\$30,425.00
05/11/17	thru		2017033						
WANTMAN GROUP, INC				\$300,000.00		\$179,877.50	\$179,877.50	\$175,707.50	\$4,170.00
10/01/14	thru	09/30/19	2015006						
WANTMAN GROUP, INC				\$400,000.00		\$0.00	\$0.00	\$0.00	\$0.00
10/01/19	thru	09/30/24	2020005						
WATER & AIR RESEARCH, INC.				\$398,334.00		\$318,121.08	\$318,121.08	\$288,230.06	\$29,891.02
04/21/14	thru	04/21/19	2014038						
WATER & AIR RESEARCH, INC.				\$900,000.00		\$243,976.75	\$243,976.75	\$221,722.72	\$22,254.03
02/15/16	thru		2016022						
WATER & AIR RESEARCH, INC.				\$569,738.00		\$217,264.00	\$217,264.00	\$101,856.50	\$115,407.50
09/17/18	thru	09/30/23	2018049						
WATER & AIR RESEARCH, INC.				\$300,000.00		\$35,300.00	\$35,300.00	\$14,832.96	\$20,467.04
02/18/19	thru	02/18/22	2019019						
WATER & AIR RESEARCH, INC.				\$300,000.00		\$138,885.00	\$138,885.00	\$17,451.00	\$121,434.00
04/19/19	thru		2019025						
WHARTON-SMITH INC				\$1,721,490.00		\$1,721,488.00	\$1,721,488.00	\$420,907.53	\$1,300,580.47
04/18/19	thru	01/31/20	2019011						
WILDLANDS CONSERVATION, INC.				\$300,000.00		\$156,659.40	\$156,659.40	\$32,813.70	\$123,845.70
04/29/19	thru		2019026						

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WILLIAMS SCOTSMAN, INC				\$223,787.00		\$183,254.00	\$183,254.00	\$155,933.00	\$27,321.00
06/01/13	thru	05/31/16	AGR2013035						
WISE CONSULTING GROUP				\$491,244.55		\$244,666.00	\$244,666.00	\$181,801.95	\$62,864.05
12/14/15	thru	12/31/18	2014002V						
WISE CONSULTING GROUP				\$447,828.00		\$436,102.00	\$436,102.00	\$204,428.00	\$231,674.00
08/21/17	thru	09/30/21	2017047						
WISE CONSULTING GROUP				\$450,000.00		\$226,620.00	\$226,620.00	\$188,355.00	\$38,265.00
08/21/17	thru	10/21/20	2017048						
WOOD ENVIRONMENT & INFRASTRUCTURE				\$300,000.00		\$53,160.00	\$53,160.00	\$10,905.20	\$42,254.80
02/18/19	thru	02/28/22	2019020						
WOOD ENVIRONMENT & INFRASTRUCTURE				\$400,000.00		\$0.00	\$0.00	\$0.00	\$0.00
10/01/19	thru	09/30/24	2020004						

DATE: April 6, 2020
TO: Board of Directors
THRU: Matt Jordan, General Manager
FROM: Kenneth R. Herd, Chief Science and Technical Officer
SUBJECT: Science and Technical Division Activity Report for February 2020 and March 2020 -
Receive Report

SUMMARY

The Science and Technical Division Activity Report summarizes the key activities of the Planning, Decision Support, Environmental Management and Regulatory Compliance, and Water Quality Services Departments during the months of February 2020 and March 2020.

SUGGESTED ACTION

Receive and File

COST/FUNDING SOURCE

N/A

DISCUSSION

The major activities and work effort of the departments which comprise the Science and Technical Division for the months of February 2020 and March 2020 are discussed below.

Planning & Systems Decision Support

The Planning & Systems Decision Support Group is responsible for short and long-term planning

support such as master water supply planning, operational planning, seasonal source allocation, demand and supply planning, and is also responsible for the design, implementation, and maintenance of water resources optimization tools, hydrological models, decision support systems, and water demand forecasting systems. The group also supports Tampa Bay Water (Agency) in conducting research on the impact of climate variability/climate change and sea level rise.

Planning Department

The Planning Department is responsible for creating, updating and implementing the Agency's Long-term Master Water Plan and other related Agency programs and initiatives.

February 2020 and March 2020 Activities Include:

- Continued working on the Decision Framework for Infrastructure Sequencing (DFIS) project to refine the timing of new supply infrastructures, establish key indicators for monitoring and trigger action for implementation.
- Completed initial source water allocation for FY 2020 plus a five-year planning horizon.
- Continued working on 2019-2023 Long-term Master Water Plan update component projects.
- Initiated a University of Florida research project on the understanding of climate change impacts on water quality.
- Continued coordination with the Long-term Master Water Plan Feasibility Projects; attended meetings with the CIP Project Manager and consultants on the Surface Water Treatment Plant Project to discuss modeling work necessary for the feasibility evaluation; attended Desalination Plant Expansion Feasibility Project meetings to discuss the proposed pilot project; continued quarterly meetings with Member Governments to keep abreast the feasibility studies and to restart negotiations for the reclaimed water credits related to the New Groundwater via Net Benefit from SHARP project. Staff will present the Board with property purchase authorizations for the test well for New Groundwater via Net Benefit from SHARP project in April 2020 with the test well construction scheduled for the fall timeframe.
- Worked with System Decision Support staff on reliability and yield modeling scope and schedule for the Feasibility Studies projects.
- Continued collaboration with engineering staff on the South Hillsborough County Supply Options projects.
- Continued the review of development proposal applications, comprehensive plan amendment applications, and water quality reports within the Agency's service area.
- Continued coordination with the District on the FY 2021 co-funding applications for select projects. The District Governing Board is scheduled to approve funding during their June board meeting.
- Attended the March District Governing Board virtual meeting.
- Continued work on the Forecasted Density project.
- Attended Water Utility Climate Alliance coordination meetings.
- Attended Water Utility Climate Alliance Sea Level Rise Committee meetings.
- Attended Water Utility Climate Alliance Ecosystem Services kickoff meeting.

- Continued work with Water Quality Services to update the Source Water Assessment and Protection Plan and participate in national research.
- Continued work with the Water Quality Services on the WaterSuite GIS platform to complete transitioning and integration of the Land Use Program.
- Continued collaboration with Water Quality Services on Aquifer Vulnerability Assessment project.
- Worked with the Water Quality Services to start the PFAS inventory in Source Waters project.
- Continued collaboration with Hillsborough County and internal staff on updating the County's Wellhead Protection Maps. The County expects the project to be delayed due to scope increases.
- Attended and presented at the UF Water Symposium.
- Attended Tampa Bay Regional Planning Council's Strategic Planning Workshop.

Systems Decision Support Department

The Systems Decision Support Department functions include the design and implementation of water resources optimization, decision support systems, system performance and reliability analysis and water demand/supply forecast programming at various time scales.

February 2020 and March 2020 Activities Include:

- Reviewed final reports and wrap-up on the project to improve spatial and temporal representation of basin rainfall in Integrated Northern Tampa Bay (INTB) model by using historical radar rainfall. Specifically, working on comparing the result of Bayesian 15-minute basin rainfall with the original INTB basin rainfall.
- Continued working with consultants on the Stochastic INTB Basin Rainfall Generation project, a radar rainfall-based realization to be used in all reliability-related studies that use Integrated Hydrologic Model (IHM)/INTB model and System-Wide Reliability Evaluation (SWRE) model.
- Continued working with consultants on the Uncertainty Analysis Study for surface water parameters of the IHM/INTB model, a step toward replacing the Operational Modeling System (OMS) streamflow with INTB streamflow in the SWRE model.
- Collaborated with the Water Research Foundation on the project to develop a multi-objective monthly water allocation model.
- Maintained system administration scripts to automate deployment of operating system and application on the Scientific Grid Computing System (vGrid), major software updates.
- Continued working with IT on the replacement strategy of vGrid systems. Designing the new virtualization configurations for the computing high performance of different model applications. Develop configuration deployment scripts and performing several tests on variate model runs on the new vGrid cluster.
- Continued work on Water Shortage Mitigation Plan (WSMP) implementation. Currently improving rainfall simulation models.
- Continued investigating for the best approach to demonstrate the effective of OROP effectiveness.
- Started an internal project to examine the relationship between influent water quality and chemical use at the regional surface water treatment plant.

- The IHM-INTB Steering Committee (Committee), comprised of staff from Tampa Bay Water and the District, is responsible for maintenance of the IHM code, INTB model, and support for users of the IHM and the INTB model. Monthly meetings of the Committee produce collaborative outcomes which meet the responsibilities while sharing resources. Each year, the agencies collaborate to update the IHM-INTB Five-Year Roadmap which is specific for each entity with many common, cost-shared support activities.
 - Maintain and modify content for the IHM website.
 - Working collaboratively with the District to extend the historical time series inputs and observation targets by 10 years (2007-2016) for the calibrated INTB model. A more recent land use (2010) snapshot will be used within the extended 10-year timespan. The extended time series will provide 28 years of historical simulation. Time series extension started in FY2017 and will be completed in calendar year 2020.
 - Working collaboratively with the District to upgrade technology and to improve the simulation capability of the IHM to meet future decision-support needs. This work is a multi-year effort which started in FY2017.
 - Completed a one-hour webinar entitled Introduction to the INTB Model which was attended by 31 water resources professionals.
 - Preparing IHM training material for next live training event on Irrigation and Diversion scenarios using the INTB model. The event has been postponed from April to June 2020. A multi-year project is ongoing to build a statewide database containing actual evapotranspiration data using spatial and temporal resolutions of two kilometers and at least monthly, respectively. Evapotranspiration represents at least 70% of average annual rainfall and can range from 50% to 90% of annual rainfall for a wet and dry year, respectively. The US Geological Survey (USGS) is performing the work with funding by Tampa Bay Water, all five water management districts, and the USGS. Reviewed first and second round of interim work products for year two and provided comments.
- Using the INTB model, conduct research with University of Central Florida to investigate the influence of land use change on streamflow, aquifer levels, and other hydrologic responses in two river watersheds.
- Support Regulatory Compliance: continuing review of proposed Minimum Flows for rivers and Minimum Levels for lakes, and recovery assessment for the consolidated wellfields; resolved some issues regarding the Consolidated Water Use Permit (CWUP) conditions with the District.
- Continued support of Water Production Division through weekly OROP productions scheduling.
- Continued support of Water Production Division through weekly surface water availability forecast.
- Continued support on seasonal surface water availability forecast for monthly Water Production and Science and Technical Divisions coordination meeting.
- Continued support of Agency Asset Management team on level-of-service/risk and continuous improvement projects.
- Continued to develop applied research concepts applicable to Tampa Bay Water with allied research institutions (Water Utilities Climate Alliance, Florida Water and Climate Alliance, University of Florida, Florida State University, University of South Florida, AWWA, and

USGS).

- Continued Member Government billing data collection and review process. Attempting to receive Member Government billing data monthly to track demand changes in different water use sectors. Since the City of Tampa has not provided data for 2018 and 2019, the demand forecast update for 2020 was developed without this data. The City is working with the staff to provide this data by May 2020 for the 2021 demand forecast update.
- Continued data collection with IT to update the Long-term Demand Forecast modeling database. Modified one of the input data processing components of the long-term demand forecast model component to reasonably disaggregate the county level population data into sectoral population and household at the Water Demand Planning Area (WDPA) level. The modification was made to correct the weighting approach (translate the county level data into WDPA) that determines WDPA growth rates relative to the total county data which in turn assigns lower weighting factors with time for relatively slow growing WDPAs such as the city of New Port Richey.
- The newly developed long-term probabilistic water demand forecast model is set up for testing using the recent model input data.
- Initiated the Tampa Bay Water Wise Program, a regional demand management program. The Demand Management Working Group, made up of Member Government and District representatives, is continuing to oversee implementation consistent with the Tampa Bay Water Interlocal Agreement.
- Development of a Geographic Information Systems (GIS) platform needs assessment for the demand management program has been completed and an agreement with the University of Florida to develop the actual platform has been approved.
- Continued to provide support for Agency-wide level of service enterprise dashboard development as part of the asset management activity by providing data as needed.

Environmental Management and Regulatory Compliance

The Environmental Management and Regulatory Compliance Group performs work in four areas: (1) implementation of an Environmental Management (ISO 14001) system, (2) compliance tracking, reporting and implementation of environmental permits, including coordination of permit applications and renewals, (3) collection and submittal of hydrologic and water quality data as required by Water Use Permits, and (4) implementation of our well mitigation program under the Tampa Bay Water Well Mitigation Policy and water use permits.

Environmental Management System

Several Environmental Management System (EMS) initiatives are underway. These include development of processes and procedures to facilitate and track employee training using an on-line Learning Management System, drafting of documented procedures for critical regulatory and operational functions and improving document and data management capabilities. These initiatives are important for the implementation of an EMS that meets ISO 14001 requirements.

Tampa Bay Water has completed the assessment of risks to Tampa Bay Water facilities associated with natural hazards and malevolent acts to meet the requirements of the America's Water Infrastructure Act

(AWIA). The Certification of Community Water System Risk and Resilience Assessment Forms have been submitted to U.S. EPA to meet the March 31, 2020 deadline.

Compliance Tracking: The compliance tracking staff is responsible for generating, reviewing, and providing quality assurance of reports submitted for regulatory compliance. All compliance reports were submitted on time.

Calendar Year to Date Compliance Tracking Activities:

- 550 total number of compliance reports for 2020

February 2020 and March 2020 Activities Include:

- February 2020 - 184 compliance reports
- March 2020 - 197 compliance reports

Well Mitigation: The well mitigation staff receives and responds to all well complaints and mitigates domestic well issues as required by our Water Use Permits and the Well Mitigation Policy.

Activities completed in February 2020 and March 2020

Total Well Complaints Received:

- February 2020 - 6
- March 2020 - 11

Total Well Mitigations Completed:

- February 2020 - 0
- March 2020 – 0

Environmental Monitoring: The Environmental Monitoring Department staff collect permit-required water level data and completes pre- and post-well mitigation complaint investigations.

February 2020 and March 2020 Activities Include:

- Completed manual water level measurement at 1247 sites twice monthly.
- Maintained and calibrated 356 continuous (hourly) monitoring devices twice monthly.

Water Use Permitting: The staff of the Water Use Permitting Department is responsible for acquiring, renewing, and assessing compliance with all conditions of Tampa Bay Water's Water Use Permits.

February 2020 and March 2020 Activities Include:

- Continued technical analyses and coordination with the District on the Consolidated Permit Recovery Assessment Plan. The plan will evaluate the degree of recovery in lakes and wetlands achieved by reducing the Consolidated Permit wellfields pumping to an average annual quantity

of 90 MGD. The plan will also assess the degree of any remaining environmental impact and propose a mitigation/offset plan for those impacts, if necessary. The preliminary assessment report of findings for monitored and unmonitored wetlands and lakes on all 11 wellfields was submitted to the District in December 2018 and shared with all Member Governments. Completed all technical analyses and field review of sites to confirm the final assessments for all monitored lakes and wetlands. The wetland mitigation accounting method to be used at the conclusion of the Recovery Assessment process has been finished and will be applied to any wetlands or lakes with continued adverse impact from wellfield pumping. The final assessment report will be completed by mid-2020 and included in the renewal application package for the Consolidated Permit. Staff continue to write the final Recovery Assessment Report.

- Staff held a pre-application meeting on April 26, 2019 with the District and Member Governments for the renewal of the Water Use Permit for the South-Central Hillsborough Regional Wellfield which expires in December 2020. This permit renewal application was approved by the Board at the October 2019 meeting and was submitted to the District on January 2, 2020. District staff reviewed the application documents and issued a Request for Additional Information letter on January 28, 2020. Staff submitted our response to the District's questions on March 20. The District is expected to issue the renewed permit by June 2020.
- Tampa Bay Water staff have met with the staff of all Member Governments to discuss the renewal of the Consolidated Water Use Permit. A pre-application meeting with the District and members was held on December 13, 2019. Staff will continue to prepare the renewal application documents which will include the final Recovery Assessment Plan Report. The renewal application will be presented to the Board for consideration and approval in October 2020.
- Supporting the investigation of a potable supply wellfield associated with the South Hillsborough Aquifer Recharge Project/Expansion (SHARP/SHARE) project. HSW Engineering has been retained to assist with the design, construction, and testing of a test production well and monitor wells in the Balm area of southern Hillsborough County. Construction of the wells is expected to begin in Spring 2020.
- Continued regular land management activities at the Regional Reservoir Wetland Mitigation Areas and the portion of the Cypress Creek Wellfield owned by Tampa Bay Water. This work includes application of prescribed fire for vegetation control and fire fuel load reduction at appropriate times of the year and the treatment/maintenance of nuisance vegetation.

Water Quality Services

The Water Quality Services Group is responsible for all water quality sampling and analysis (Laboratory), compliance with Drinking Water and Environmental Resource permits, research on drinking water treatment, and source water quality assessments, and assists Member Governments in addressing water quality issues in delivered water and in their distribution systems.

Laboratory: The Laboratory is responsible for collecting and analyzing water samples for regulatory compliance, process control, contract obligations, customer inquiries and research needs. The new

centralized temperature monitoring sensors and software have been installed and the system is fully operational. This system provides 24/7/365 monitoring of all laboratory refrigerators, freezers, and incubators. This gives another control that ensures sample integrity.

February 2020

- Samples collected: 166
- Samples received: 466
- Analyses performed: 4,059

March 2020

- Samples collected: 193
- Samples received: 471
- Analyses performed: 3,483

Source Water Assessment: Department functions include water quality services, source water assessment program, hydrobiological monitoring programs, and regulatory compliance support for Tampa Bay Water environmental and operation permits.

February 2020 and March 2020 Activities Include:

Water Quality Services

- Assisted with Tampa Bay Water's AWIA risk and resiliency assessment for facilities.
- Assisted with source water and environmental impact components of Master Water Plan feasibility studies for Regional Surface Water Treatment Plant and Desal Facility.
- Provided as-needed technical support for implementation of Tampa Bay Water's Performance Dashboard.
- Attended monthly Water Quality Work Group meetings to discuss water quality issues with Member Government staff.
- Assisted Water Production and Decision Support with member Point of Connection and data evaluation for Exhibit D standards and Total Organic Carbon (TOC) project.
- Continued development/implementation of Exhibit D water quality dashboard.
- Continued working with Laboratory and Compliance staff to improve water quality data management.
- Continued implementation of online continuous source water quality monitoring plan for Tampa Bypass Canal with anticipated completion in May 2020.
- Continued implementation of online continuous source water quality monitoring enhancements for Alafia River with anticipated completion in May 2020.
- Continued maintenance and calibration activities for Tampa Bay Water continuous water quality sensors in Alafia watershed and Reservoir.

Source Water Assessment and Protection Program (SWAPP)

- Submitted grant proposal to Tampa Bay Environmental Restoration Fund for multi-partner project to develop restoration plan for historically mined lands in Alafia watershed to improve water quality.
- Continued working with the FDEP and Mosaic on Alafia River and South-Central Hillsborough Regional Wellfield water quality management issues- next meeting scheduled for April.
- Continued project to identify and prioritize potential groundwater contamination sources for Tampa Bay Water wellfields- incorporated new screening approach with INTB model data.
- Continued project to further evaluate current and legacy sources, environmental factors and chemical interactions affecting in-stream fluoride concentrations in the Alafia River.
- Continued land use reviews and development of additional data layers for Tampa Bay Water's SWAPP GIS platform.
- Continued multi-utility Water Research Foundation project on Source Water Risk Management Framework and Tampa Bay Water business case for Source Water Protection.
- Continued multi-utility Water Research Foundation project on Decision Support Framework for Drinking Water Treatment Plants- workshop postponed due to travel restrictions.

Hydrobiological Monitoring Programs (HBMP)

- Continued work on WUP-required WY 2020 Alafia River and TBC/Hillsborough River multi-year interpretive reports due in July.
- Continued WUP-required Alafia River and TBC/Hillsborough River HBMP routine data collection and assessment.
- Continued HBMP statistical and mechanistic model updates for water quality assessment with anticipated completion in early 2020.
- Continued Desal Facility water quality monitoring program; new bathymetry data collection for MWP modeling support.

Additional Activities

- ANSI/AWWA G300 Source Water Protection Standard (committee member)- updated standard anticipated in 2020.
- S. EPA Water Security Division: Online Water Quality Monitoring Forum (steering committee member)- ongoing.
- Nitrogen Management Consortium (member)- ongoing.
- Tampa Bay Estuary Program (TBEP) Technical Advisory Committee and Management Board (member) - ongoing.
- Tampa Bay Regional Planning Council/Agency on Bay Management (member) - ongoing.

Table 1. Agency Water Use Permits (Active)

Water Supply Facility/Project	Permit Duration	Expiration Date
South Central Hillsborough Wellfield	13 years	December 2020

Pasco Lake Augmentation	6 years	January 2021
Lake Loyce Augmentation	6 years	January 2021
Triangle Lake Augmentation	6 years	January 2021
Monsees Pond Augmentation	6 years	January 2021
Consolidated Permit Wellfields	10 years	January 2021
Brooker Creek Preserve Wetland Augmentation	8 years	July 2021
Big Fish Lake Augmentation	10 years	June 2025
Carrollwood Wells	20 years	December 2030
TBC/Hillsborough River Facility	23 years	December 2030
TBC/Harney Water Transfer Facility	20 years	July 2031
Alafia River Facility	20 years	November 2032
Brandon Urban Dispersed Wellfield	20 years	August 2039

BACKGROUND

N/A

DATE: April 2, 2020
TO: Board of Directors
THRU: Matt Jordan
FROM: Charles H Carden, Chief Operating Officer
SUBJECT: Water Production Activity Report - *Receive Report*

SUMMARY

The Water Production Activity report summarizes water supply, treatment, and delivery work efforts for the North/South Operations and Maintenance, Contracts, Construction and Engineering Support Sections for February 2020 and March 2020.

SUGGESTED ACTION

Receive and File

COST/FUNDING SOURCE

N/A

DISCUSSION

Water Production Division Activity Report for February 2020 – Summary

The major activities and work efforts of the departments which comprise the Water Production Division for the month are discussed below.

Water Production

The FY 2020 budgeted annual delivery to the member governments is 180.8 mgd. Table 1a summarizes the Water Year 2020 actual delivery amounts to the member governments through the month; total delivery for the month was 184.3 mgd.

Table 1b provides the actual source usage for Water Year 2020. The budgeted source allocation for Water Year 2020 is 60.7% groundwater, 34.3% surface water (including purchased water), and 5.0% desalinated water. For the month, 185.6 mgd was produced of which 35.6% was surface water, 7.0% was desalinated water, and 57.4% was groundwater.

The Consolidated Water Use Permit Wellfields 12-month running average was 83.7 mgd. On the last day of the month, the Regional Reservoir water elevation was 132.5 feet, correlating to a storage volume of 14.05 billion gallons.

Construction Department detailed project information can be found in the attached tables.

Engineering Support – February 2020

- Capital/Renewal and Replacement projects (see CIP Report attached).
- Requests for survey support are provided on the attached Survey Report.

Water Production Division Activity Report for March 2020 – Summary

The major activities and work efforts of the departments which comprise the Water Production Division for the month are discussed below.

Water Production

The FY 2020 budgeted annual delivery to the member governments is 180.8 mgd. Table 1a summarizes the Water Year 2020 actual delivery amounts to the member governments through the month; total delivery for the month was 198.4 mgd.

Table 1b provides the actual source usage for Water Year 2020. The budgeted source allocation for Water Year 2020 is 60.7% groundwater, 34.3% surface water (including purchased water), and 5.0% desalinated water. For the month, 198.57 mgd was produced of which 35.6% was surface water, 8.3% was desalinated water, and 61.5% was groundwater.

The Consolidated Water Use Permit Wellfields 12-month running average was 84.4 mgd. On the last day of the month, the Regional Reservoir water elevation was 127.9 feet, correlating to a storage volume of 12.66 billion gallons.

Construction Department detailed project information can be found in the attached tables.

Engineering Support – March 2020

- Capital/Renewal and Replacement projects (see CIP Report attached).
- Requests for survey support are provided on the attached Survey Report.

In addition, The Hillsborough River/Tampa Bypass Canal Comprehensive Management Plan was approved at the February 2020 Board Meeting and the Southwest Florida Water Management District has accepted the plan.

BACKGROUND

N/A



Supplying Water To The Region

Water Delivery Budget
Water Year: 2020
 (Does Not Include TBC Flow to Tampa)

TABLE 1A - (February 2020)

	Tampa			Pinellas County			Hillsborough County			St Pete			New Port Richey			Pasco County			Total	
	Flow	Avg	Max	Flow	Avg	Max	Flow	Avg	Max	Flow	Avg	Max	Flow	Avg	Max	Flow	Avg	Max	SUM	AVG
October	0.39	0.01	0.39	1523.68	49.15	56.40	2152.23	69.43	82.00	834.39	26.92	30.12	91.56	2.95	3.43	985.53	31.79	38.77	5587.78	180.25
November	1.23	0.04	0.64	1451.02	48.37	51.85	2055.38	68.51	78.84	781.95	26.07	29.81	88.44	2.95	3.29	903.29	30.11	34.15	5281.31	176.04
December	0.00	0.00	0.00	1429.44	46.11	51.59	1986.07	64.07	73.32	791.56	25.53	29.82	88.74	2.86	3.16	908.94	29.32	33.50	5204.75	167.90
January	288.10	9.29	18.83	1471.22	47.46	51.49	2032.67	65.57	74.55	799.21	25.78	28.65	90.46	2.92	3.21	941.42	30.37	34.00	5623.08	181.39
February	322.74	11.13	22.72	1413.71	48.75	54.82	1890.55	65.19	72.55	767.17	26.45	28.98	86.58	2.99	3.29	863.81	29.79	34.99	5344.56	184.30
TOTAL	612.46			7,289.07			10,116.90			3,974.28			445.78			4,602.99			27,041.48	
AVG	4.03			47.95			66.56			26.15			2.93			30.28			177.90	
MAX DAY	22.72			56.40			82.00			30.12			3.43			38.77				
BUDGET	6.00			45.60			53.52			28.84			2.70			27.34			164.00	



Tampa Bay Water
Aggregate Water Supply Sources
 (Includes Augmentation Flow)
 (Does not include TBC Flow to Tampa)

TABLE 1B - (February 2020)

Water Year: 2020
Month: February

	Ground Water		Consolidated WUP		Surface Water		Desal Water		Total THIC		Total 301T		Total Water Purchased		Total Water Production	
	Monthly Avg Q	12 Month Rng Avg	Monthly Avg Q	12 Month Rng Avg	Monthly Avg Q	12 Month Rng Avg	Monthly Avg Q	12 Month Rng Avg	Monthly Avg Q	12 Month Rng Avg	Monthly Avg Q	12 Month Rng Avg	Monthly Avg Q	12 Month Rng Avg	Monthly Avg Q	12 Month Rng Avg
October	117.45	109.75	88.41	81.22	63.64	59.01	0.00	6.58	0.00	0.05	0.00	0.00	1.99	2.02	181.09	175.38
November	116.14	110.71	88.28	82.12	60.10	58.23	0.00	6.58	0.00	0.02	0.00	0.00	2.00	2.00	176.24	175.54
December	99.15	111.50	73.99	82.78	59.62	58.16	9.84	6.53	0.00	0.00	0.00	0.00	2.00	1.98	168.61	176.18
January	109.36	112.49	82.31	83.68	61.14	58.67	12.26	6.49	0.00	0.00	0.00	0.00	1.93	1.97	182.76	177.66
February	106.43	112.50	80.18	83.71	66.04	59.90	13.10	6.49	0.00	0.00	0.00	0.00	1.98	1.97	185.57	178.89



Supplying Water To The Region

Water Delivery Budget
Water Year: 2020
 (Does Not Include TBC Flow to Tampa)

TABLE 1A - (March 2020)

	Tampa			Pinellas County			Hillsborough County			St Pete			New Port Richey			Pasco County			Total	
	Flow	Avg	Max	Flow	Avg	Max	Flow	Avg	Max	Flow	Avg	Max	Flow	Avg	Max	Flow	Avg	Max	SUM	AVG
October	0.39	0.01	0.39	1523.68	49.15	56.40	2152.23	69.43	82.00	834.39	26.92	30.12	91.56	2.95	3.43	985.53	31.79	38.77	5587.78	180.25
November	1.23	0.04	0.64	1451.02	48.37	51.85	2055.38	68.51	78.84	781.95	26.07	29.81	88.44	2.95	3.29	903.29	30.11	34.15	5281.31	176.04
December	0.00	0.00	0.00	1429.44	46.11	51.59	1986.07	64.07	73.32	791.56	25.53	29.82	88.74	2.86	3.16	908.94	29.32	33.50	5204.75	167.90
January	288.10	9.29	18.83	1471.22	47.46	51.49	2032.67	65.57	74.55	799.21	25.78	28.65	90.46	2.92	3.21	941.42	30.37	34.00	5623.08	181.39
February	322.74	11.13	22.72	1413.71	48.75	54.82	1890.55	65.19	72.55	767.17	26.45	28.98	86.58	2.99	3.29	863.81	29.79	34.99	5344.56	184.30
March	0.00	0.00	0.00	1647.85	53.16	60.06	2416.18	77.94	88.03	869.61	28.05	30.02	98.66	3.18	3.39	1118.81	36.09	42.33	6151.11	198.42
TOTAL	612.46			8,936.92			12,533.08			4,843.89			544.44			5,721.80			33,192.59	
AVG	3.35			48.84			68.49			26.47			2.98			31.27			181.38	
MAX DAY	22.72			60.06			88.03			30.12			3.43			42.33				
BUDGET	6.00			45.60			53.52			28.84			2.70			27.34			164.00	



Tampa Bay Water
Aggregate Water Supply Sources
 (Includes Augmentation Flow)
 (Does not include TBC Flow to Tampa)

TABLE 1B - (March 2020)

Water Year: 2020
Month: March

	Ground Water		Consolidated WUP		Surface Water		Desal Water		Total THIC		Total 301T		Total Water Purchased		Total Water Production	
	Monthly Avg Q	12 Month Rng Avg	Monthly Avg Q	12 Month Rng Avg	Monthly Avg Q	12 Month Rng Avg	Monthly Avg Q	12 Month Rng Avg	Monthly Avg Q	12 Month Rng Avg	Monthly Avg Q	12 Month Rng Avg	Monthly Avg Q	12 Month Rng Avg	Monthly Avg Q	12 Month Rng Avg
October	117.45	109.75	88.41	81.22	63.64	59.01	0.00	6.58	0.00	0.05	0.00	0.00	1.99	2.02	181.09	175.38
November	116.14	110.71	88.28	82.12	60.10	58.23	0.00	6.58	0.00	0.02	0.00	0.00	2.00	2.00	176.24	175.54
December	99.15	111.50	73.99	82.78	59.62	58.16	9.84	6.53	0.00	0.00	0.00	0.00	2.00	1.98	168.61	176.18
January	109.36	112.49	82.31	83.68	61.14	58.67	12.26	6.49	0.00	0.00	0.00	0.00	1.93	1.97	182.76	177.66
February	106.43	112.50	80.18	83.71	66.04	59.90	13.10	6.49	0.00	0.00	0.00	0.00	1.98	1.97	185.57	178.89
March	122.22	113.62	88.52	84.45	59.93	60.32	16.48	6.77	0.00	0.00	0.00	0.00	2.00	1.97	198.64	180.72



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Project Number	Project Name	Schedule				Financials	
01602	Cypress Creek WF Pumps and Motors	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$4,409,000
		Planning	03/30/2021	06/21/2021	0% ○	<i>Current Budget</i>	\$4,806,000
		Professional Services Selection	06/22/2021	03/07/2022		<i>Variance Current vs. Baseline Budget</i>	9% ●
		Design	03/08/2022	09/28/2023		<i>Actuals to Date</i>	\$0
		Bidding	10/02/2023	04/24/2024		<i>Remaining Budget</i>	\$4,806,000
		Construction	04/25/2024	09/10/2025		<i>% Budget Spent To Date</i>	0% ○
		Close-Out	09/11/2025	12/15/2025			
01603	Cypress Creek WTP Yard Piping Valves	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$2,500,000
		Planning	08/25/2023	04/09/2024	0% ○	<i>Current Budget</i>	\$804,000
		Professional Services Selection	04/10/2024	10/03/2024		<i>Variance Current vs. Baseline Budget</i>	-68%
		Design	10/04/2024	07/10/2025		<i>Actuals to Date</i>	\$0
		Bidding	07/11/2025	01/29/2026		<i>Remaining Budget</i>	\$804,000
		Construction	01/30/2026	02/25/2027		<i>% Budget Spent To Date</i>	0% ○
		Close-Out	02/26/2027	06/03/2027			
01604	Eldridge Wilde Wellfield Treatment Improvements	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$31,164,000
		Planning	10/01/2026	03/22/2027	0% ○	<i>Current Budget</i>	\$33,287,000
		Professional Services Selection	03/23/2027	12/13/2027		<i>Variance Current vs. Baseline Budget</i>	7% ●
		Design	08/17/2027	08/29/2029		<i>Actuals to Date</i>	\$0
		Bidding	08/30/2029	03/11/2030		<i>Remaining Budget</i>	\$33,287,000
		Construction	03/12/2030	10/13/2031		<i>% Budget Spent To Date</i>	0% ○
		Close-Out	10/14/2031	02/23/2032			



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01605	Morris Bridge Underground Powerline	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$3,721,000
		Planning	02/01/2021	04/02/2021	0%	<i>Current Budget</i>	\$4,264,000
		Professional Services Selection	04/05/2021	12/23/2021		<i>Variance Current vs. Baseline Budget</i>	15%
		Design	01/07/2022	09/16/2022		<i>Actuals to Date</i>	\$0
		Bidding	09/19/2022	05/01/2023		<i>Remaining Budget</i>	\$4,264,000
		Construction	05/02/2023	06/17/2024		<i>% Budget Spent To Date</i>	0%
		Close-Out	06/18/2024	10/21/2024			
01606	S21 WF Pumps and Motors	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$1,160,000
		Planning	10/01/2023	11/23/2023	0%	<i>Current Budget</i>	\$1,160,000
		Professional Services Selection	11/24/2023	11/24/2023		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	11/24/2023	06/06/2024		<i>Actuals to Date</i>	\$0
		Bidding	06/10/2024	10/21/2024		<i>Remaining Budget</i>	\$1,160,000
		Construction	10/22/2024	09/08/2025		<i>% Budget Spent To Date</i>	0%
		Close-Out	09/09/2025	12/15/2025			
01614	Alafia Pump Station Motors	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$2,069,000
		Planning	07/15/2024	09/13/2024	0%	<i>Current Budget</i>	\$2,069,000
		Professional Services Selection	09/16/2024	09/16/2024		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	09/16/2024	04/21/2025		<i>Actuals to Date</i>	\$0
		Bidding	04/22/2025	11/20/2025		<i>Remaining Budget</i>	\$2,069,000
		Construction	11/21/2025	11/12/2026		<i>% Budget Spent To Date</i>	0%
		Close-Out	11/13/2026	02/15/2027			



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Project ID	Project Name	Project Phase	Start Date	End Date	% Complete	Baseline Budget		
		01700	Future-Renewal & Replacement Projects	Planning	10/01/2024	09/30/2030	0%	Baseline Budget
					Current Budget	\$22,500,000		
					Variance Current vs. Baseline Budget	-55%		
					Actuals to Date	\$0		
					Remaining Budget	\$22,500,000		
					% Budget Spent To Date	0%		
06004	Tampa Bay Desalination Plant Reverse Osmosis Trench Supports	Planning	06/01/2021	06/21/2021	0%	Baseline Budget	\$341,000	
		Professional Services Selection	06/22/2021	08/16/2021		Current Budget	\$341,000	
		Design	08/17/2021	01/05/2022		Variance Current vs. Baseline Budget	0%	
		Bidding	01/06/2022	06/20/2022		Actuals to Date	\$0	
		Construction	06/21/2022	06/19/2023		Remaining Budget	\$341,000	
		Close-Out	06/20/2023	10/16/2023		% Budget Spent To Date	0%	
06317	South Central Hillsborough Regional WF Improvements	Planning	11/02/2015	05/31/2017	87%	Baseline Budget	\$2,340,000	
		Professional Services Selection	06/01/2017	09/29/2017		Current Budget	\$691,689	
		Design	10/02/2017	07/17/2019		Variance Current vs. Baseline Budget	-70%	
		Bidding	07/17/2019	10/21/2019		Actuals to Date	\$283,128	
		Construction	10/21/2019	10/19/2020		Remaining Budget	\$408,561	
							% Budget Spent To Date	41%
06319	Reservoir Siren Upgrade	Planning	10/01/2015	09/30/2019	100%	Baseline Budget	\$376,000	
		Professional Services Selection	10/01/2019	10/02/2019		Current Budget	\$25,913	
		Design	10/02/2019	10/03/2019		Variance Current vs. Baseline Budget	-93%	
		Bidding	10/04/2019	10/07/2019		Actuals to Date	\$25,913	
		Construction	10/07/2019	10/08/2019		Remaining Budget	\$0	
		Close-Out	10/09/2019	10/21/2019		% Budget Spent To Date	100%	



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06320	Purchasing Warehouse	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$2,333,500			
		Planning	04/18/2017	10/18/2017	75%	<i>Current Budget</i>	\$1,861,310			
		Design	12/04/2017	10/15/2018		<i>Variance Current vs. Baseline Budget</i>	-20%			
		Bidding	10/16/2018	04/15/2019		<i>Actuals to Date</i>	\$317,749			
		Construction	04/16/2019	11/06/2020		<i>Remaining Budget</i>	\$1,543,561			
		Close-Out	11/07/2020	02/15/2021		<i>% Budget Spent To Date</i>	17%			
							<i>Baseline Budget</i>	\$2,402,400		
						<i>Current Budget</i>	\$1,562,000			
06321	South Operations and Maintenance Building	Project Phase	Start Date	End Date	% Complete	<i>Variance Current vs. Baseline Budget</i>	-35%			
		Planning	04/07/2023	08/29/2023	0%	<i>Actuals to Date</i>	\$0			
		Design	08/30/2023	05/14/2024		<i>Remaining Budget</i>	\$1,562,000			
		Bidding	05/15/2024	08/29/2024		<i>% Budget Spent To Date</i>	0%			
		Construction	08/30/2024	10/20/2026						
		Close-Out	10/21/2026	02/15/2027						
							<i>Baseline Budget</i>	\$379,000		
						<i>Current Budget</i>	\$11,141,500			
07005	South Pasco Wellfield and Treatment Improvements	Project Phase	Start Date	End Date	% Complete	<i>Variance Current vs. Baseline Budget</i>	2840%			
		Professional Services Selection	04/01/2016	05/19/2022	37%	<i>Actuals to Date</i>	\$81,063			
		Design	05/20/2022	02/07/2024		<i>Remaining Budget</i>	\$11,060,437			
		Bidding	02/08/2024	07/19/2024		<i>% Budget Spent To Date</i>	1%			
		Construction	07/22/2024	09/18/2026						
						<i>Baseline Budget</i>	\$619,000			
07007	Cypress Creek WTP Chemical System Upgrades	Project Phase	Start Date	End Date	% Complete	<i>Current Budget</i>	\$804,000			
		Professional Services Selection	10/01/2024	11/26/2026	0%	<i>Variance Current vs. Baseline Budget</i>	30%			
		Design	11/27/2026	12/28/2027		<i>Actuals to Date</i>	\$0			
		Bidding	12/29/2027	07/19/2028		<i>Remaining Budget</i>	\$804,000			
		Construction	07/20/2028	12/19/2029		<i>% Budget Spent To Date</i>	0%			
							<i>Baseline Budget</i>	\$619,000		
						<i>Current Budget</i>	\$804,000			



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Project ID	Project Name	Project Phase	Start Date	End Date	% Complete	Baseline Budget			
		07010	Regional Facility Site Pump Station Expansion	Professional Services Selection	05/01/2017	10/01/2018	53%	Baseline Budget	\$2,400,000
Design	10/22/2018			05/31/2019	Current Budget	\$2,628,530			
Bidding	06/03/2019			10/21/2019	Variance Current vs. Baseline Budget	10%			
Construction	10/22/2019			03/15/2022	Actuals to Date	\$142,203			
Close-Out	03/16/2022			08/15/2022	Remaining Budget	\$2,486,328			
					% Budget Spent To Date	5%			
07029	Cypress Creek Water Treatment Plant Drainage Improvements	Design	10/01/2025	01/05/2027	0%	Baseline Budget	\$344,625		
		Bidding	01/06/2027	06/17/2027		Current Budget	\$344,625		
		Construction	06/18/2027	05/04/2028		Variance Current vs. Baseline Budget	0%		
		Close-Out	05/05/2028	08/17/2029		Actuals to Date	\$0		
							Remaining Budget	\$344,625	
							% Budget Spent To Date	0%	
07030	Cypress Creek Roads and Security Upgrades	Design	06/16/2026	01/12/2027	0%	Baseline Budget	\$572,550		
		Professional Services Selection	04/15/2026	06/16/2026		Current Budget	\$572,550		
		Bidding	01/13/2027	10/19/2027		Variance Current vs. Baseline Budget	0%		
		Construction	10/20/2027	12/12/2028		Actuals to Date	\$0		
		Close-Out	12/13/2028	02/20/2029		Remaining Budget	\$572,550		
							% Budget Spent To Date	0%	
07032	Tampa Bay Desalination Facility Intake Connection Improvements: Phase 1	Planning	09/30/2019	10/11/2019	14%	Baseline Budget	\$13,174,000		
		Professional Services Selection	10/14/2019	01/06/2020		Current Budget	\$1,633,000		
		Design	01/06/2020	04/28/2020		Variance Current vs. Baseline Budget	-88%		
		Bidding	04/28/2020	08/27/2020		Actuals to Date	\$0		
		Construction	08/27/2020	05/25/2022		Remaining Budget	\$1,633,000		
		Close-Out	05/25/2022	10/17/2022		% Budget Spent To Date	0%		



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07061	South Pasco Wellfield Underground Commercial Powerline	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$1,951,000
		Planning	06/01/2022	02/07/2023	0%	<i>Current Budget</i>	\$2,382,000
		Professional Services Selection	02/08/2023	04/26/2023		<i>Variance Current vs. Baseline Budget</i>	22%
		Design	04/27/2023	11/30/2023		<i>Actuals to Date</i>	\$0
		Bidding	12/01/2023	04/16/2024		<i>Remaining Budget</i>	\$2,382,000
		Construction	04/17/2024	12/15/2025		<i>% Budget Spent To Date</i>	0%
07062	Cypress Creek and HSPS Fiber Optic tie-in	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$3,832,000
		Planning	01/05/2023	07/05/2023	0%	<i>Current Budget</i>	\$4,638,000
		Professional Services Selection	07/06/2023	12/28/2023		<i>Variance Current vs. Baseline Budget</i>	21%
		Design	12/29/2023	05/05/2025		<i>Actuals to Date</i>	\$0
		Bidding	05/06/2025	12/24/2025		<i>Remaining Budget</i>	\$4,638,000
		Construction	12/25/2025	03/31/2027		<i>% Budget Spent To Date</i>	0%
		Close-Out	04/01/2027	08/09/2027			
07064	Ground Storage Tanks Fall Protection	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$97,000
		Planning	06/01/2023	07/12/2023	0%	<i>Current Budget</i>	\$97,000
		Professional Services Selection	07/13/2023	10/16/2023		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	10/17/2023	03/26/2024		<i>Actuals to Date</i>	\$0
		Bidding	03/04/2024	08/19/2024		<i>Remaining Budget</i>	\$97,000
		Construction	08/20/2024	06/25/2025		<i>% Budget Spent To Date</i>	0%
		Close-Out	06/26/2025	08/18/2025			



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07065	Maytum Vault Confined Space Removal	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$143,703
		Planning	01/03/2023	02/27/2023	0%	<i>Current Budget</i>	\$143,703
		Professional Services Selection	02/27/2023	02/27/2023		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	02/28/2023	06/19/2023		<i>Actuals to Date</i>	\$0
		Bidding	06/20/2023	08/21/2023		<i>Remaining Budget</i>	\$143,703
		Construction	08/22/2023	10/02/2023		<i>% Budget Spent To Date</i>	0%
		Close-Out	10/03/2023	12/18/2023			
07066	Reservoir Aerators Auxiliary Power	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$187,000
		Planning	06/02/2025	06/13/2025	0%	<i>Current Budget</i>	\$187,000
		Professional Services Selection	06/16/2025	06/20/2025		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	06/23/2025	12/16/2025		<i>Actuals to Date</i>	\$0
		Bidding	12/17/2025	04/17/2026		<i>Remaining Budget</i>	\$187,000
		Construction	04/20/2026	10/23/2026		<i>% Budget Spent To Date</i>	0%
		Close-Out	10/26/2026	12/18/2026			
07067	Reservoir Office Space	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$180,120
		Planning	05/01/2018	07/02/2018	80%	<i>Current Budget</i>	\$186,032
		Professional Services Selection	07/03/2018	08/20/2018		<i>Variance Current vs. Baseline Budget</i>	3%
		Design	08/21/2018	02/28/2019		<i>Actuals to Date</i>	\$58,800
		Bidding	03/01/2019	06/17/2019		<i>Remaining Budget</i>	\$127,232
		Construction	06/18/2019	06/15/2020		<i>% Budget Spent To Date</i>	32%
		Close-Out	06/16/2020	08/17/2020			



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07068	Reservoir Pole Barn	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$145,000
		Planning	10/01/2025	12/23/2025	0%	<i>Current Budget</i>	\$0
		Professional Services Selection	12/24/2025	04/16/2026		<i>Variance Current vs. Baseline Budget</i>	-100%
		Design	04/17/2026	10/01/2026		<i>Actuals to Date</i>	\$0
		Bidding	10/02/2026	12/17/2026		<i>Remaining Budget</i>	\$0
		Construction	12/18/2026	10/25/2027		<i>% Budget Spent To Date</i>	#Error
		Close-Out	10/26/2027	02/17/2028			
07069	SCADA and IT Security Systems Improvements	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$2,757,077
		Planning	10/01/2019	11/25/2019	20%	<i>Current Budget</i>	\$0
		Professional Services Selection	11/26/2019	04/20/2020		<i>Variance Current vs. Baseline Budget</i>	-100%
		Design	04/21/2020	09/14/2020		<i>Actuals to Date</i>	\$0
		Bidding	08/25/2020	12/21/2020		<i>Remaining Budget</i>	\$0
		Construction	12/22/2020	04/26/2021		<i>% Budget Spent To Date</i>	#Error
		Close-Out	03/30/2021	10/18/2021			
07070	TBC MLK Pumps Refurbishment	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$1,154,000
		Planning	10/03/2022	11/11/2022	0%	<i>Current Budget</i>	\$1,188,000
		Professional Services Selection	11/14/2022	11/14/2022		<i>Variance Current vs. Baseline Budget</i>	3%
		Design	11/15/2022	01/16/2023		<i>Actuals to Date</i>	\$0
		Bidding	12/28/2022	04/27/2023		<i>Remaining Budget</i>	\$1,188,000
		Construction	04/28/2023	09/02/2025		<i>% Budget Spent To Date</i>	0%
		Close-Out	09/03/2025	12/15/2025			



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Project ID	Project Name	Project Phase	Start Date	End Date	% Complete	Baseline Budget	
		07072	Tampa Bypass Canal Gates Automation	Planning	02/01/2018	03/15/2018	47%
Professional Services Selection	03/16/2018			10/22/2018	Current Budget	\$1,713,003	
Design	10/23/2018			05/31/2019	Variance Current vs. Baseline Budget	66%	
Bidding	06/03/2019			02/17/2020	Actuals to Date	\$178,500	
Construction	02/18/2020			12/31/2021	Remaining Budget	\$1,534,503	
Close-Out	01/03/2022			06/20/2022	% Budget Spent To Date	10%	
07100	Future-Information Technology Projects	Project Phase	Start Date	End Date	% Complete	Baseline Budget	\$10,650,000
		Planning	10/01/2021	09/30/2031	0%	Current Budget	\$10,025,000
						Variance Current vs. Baseline Budget	-6%
						Actuals to Date	\$0
						Remaining Budget	\$10,025,000
				% Budget Spent To Date	0%		
07131	Cosme Water Treatment Plant Yard Piping Improvements	Project Phase	Start Date	End Date	% Complete	Baseline Budget	\$922,681
		Planning	05/01/2007	08/21/2015	95%	Current Budget	\$934,681
		Design	07/23/2015	11/29/2018		Variance Current vs. Baseline Budget	1%
		Bidding	11/30/2018	10/21/2019		Actuals to Date	\$73,072
		Construction	10/22/2019	10/31/2020		Remaining Budget	\$861,609
			% Budget Spent To Date	8%			
07500	Vulnerability Assessment-Recommended Improvements	Project Phase	Start Date	End Date	% Complete	Baseline Budget	\$2,700,000
		Design	06/01/2010	12/31/2011	100%	Current Budget	\$2,666,177
		Construction	02/01/2011	08/19/2019		Variance Current vs. Baseline Budget	-1%
						Actuals to Date	\$2,666,177
						Remaining Budget	\$0
			% Budget Spent To Date	100%			



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Project ID	Project Name	Project Phase	Start Date	End Date	% Complete	Baseline Budget			
		07537	Cypress Creek WTP Post Node Analyzer Building	Professional Services Selection	04/22/2019	12/30/2019	22%	Baseline Budget	\$215,000
Design	12/31/2019			07/28/2021	Current Budget	\$325,000			
Bidding	05/25/2021			10/18/2021	Variance Current vs. Baseline Budget	51%			
Construction	10/19/2021			02/20/2023	Actuals to Date	\$0			
					Remaining Budget	\$325,000			
					% Budget Spent To Date	0%			
07539	HSPS Switchgear Modifications	Planning	01/06/2015	06/24/2015	97%	Baseline Budget	\$2,955,000		
		Design: Phase 1	03/06/2017	07/14/2017		Current Budget	\$2,640,000		
		Construction: Phase 1	07/14/2017	01/19/2018		Variance Current vs. Baseline Budget	-11%		
		Professional Services Selection: Phase 2	08/24/2015	02/12/2016		Actuals to Date	\$1,754,573		
		Design: Phase 2	05/27/2016	04/16/2018		Remaining Budget	\$885,427		
		Bidding: Phase 2	04/30/2018	08/20/2018		% Budget Spent To Date	66%		
		Construction: Phase 2	08/21/2018	04/20/2020					
07602	SCADA-Wireless Units Upgrade	Planning	10/01/2020	12/16/2020	0%	Baseline Budget	\$73,000		
		Professional Services Selection	12/16/2020	12/16/2020		Current Budget	\$73,000		
		Design	12/17/2020	06/21/2021		Variance Current vs. Baseline Budget	0%		
		Bidding	02/25/2021	06/21/2021		Actuals to Date	\$0		
		Construction	06/21/2021	10/25/2021		Remaining Budget	\$73,000		
		Close-Out	10/25/2021	12/20/2021		% Budget Spent To Date	0%		



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07603	SCADA-Software Features	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$109,000
		Planning	07/15/2020	09/09/2020	0%	<i>Current Budget</i>	\$109,000
		Professional Services Selection	09/09/2020	09/09/2020		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	09/10/2020	12/23/2020		<i>Actuals to Date</i>	\$0
		Bidding	12/24/2020	04/19/2021		<i>Remaining Budget</i>	\$109,000
		Construction	04/19/2021	08/30/2021		<i>% Budget Spent To Date</i>	0%
		Close-Out	08/30/2021	10/18/2021			
07604	SCADA-Field Communications Security	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$362,000
		Planning	09/13/2021	01/17/2022	0%	<i>Current Budget</i>	\$362,000
		Professional Services Selection	01/17/2022	01/17/2022		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	01/17/2022	06/06/2022		<i>Actuals to Date</i>	\$0
		Bidding	06/06/2022	08/15/2022		<i>Remaining Budget</i>	\$362,000
		Construction	08/15/2022	05/08/2023		<i>% Budget Spent To Date</i>	0%
		Close-Out	05/08/2023	06/16/2023			
07605	SCADA-System Monitoring	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$724,000
		Planning	05/31/2021	09/13/2021	0%	<i>Current Budget</i>	\$724,000
		Professional Services Selection	09/13/2021	09/13/2021		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	09/13/2021	01/31/2022		<i>Actuals to Date</i>	\$0
		Bidding	01/31/2022	04/18/2022		<i>Remaining Budget</i>	\$724,000
		Construction	04/18/2022	10/24/2022		<i>% Budget Spent To Date</i>	0%
		Close-Out	10/24/2022	12/19/2022			



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07606	SCADA-Management Cluster and HA-DA Enhancements	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$784,000	
		Planning	04/01/2020	07/14/2020	0%	<i>Current Budget</i>	\$784,000	
		Professional Services Selection	07/14/2020	07/14/2020		<i>Variance Current vs. Baseline Budget</i>	0%	
		Design	07/15/2020	12/01/2020		<i>Actuals to Date</i>	\$0	
		Bidding	12/02/2020	04/19/2021		<i>Remaining Budget</i>	\$784,000	
		Construction	04/19/2021	01/31/2022		<i>% Budget Spent To Date</i>	0%	
		Close-Out	01/31/2022	04/18/2022				
07608	SCADA-Quality Assurance Enhancements	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$121,000	
		Planning	05/31/2021	09/13/2021	0%	<i>Current Budget</i>	\$121,000	
		Professional Services Selection	09/13/2021	09/13/2021		<i>Variance Current vs. Baseline Budget</i>	0%	
		Design	09/13/2021	01/31/2022		<i>Actuals to Date</i>	\$0	
		Bidding	01/31/2022	04/18/2022		<i>Remaining Budget</i>	\$121,000	
		Construction	04/19/2022	02/13/2023		<i>% Budget Spent To Date</i>	0%	
		Close-Out	02/14/2023	03/20/2023				
09007	Long-Term Master Water Plan	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$3,580,000	
		Planning: Phase 1	08/06/2014	04/15/2019	100%	<i>Current Budget</i>	\$2,812,594	
		Planning: Phase 2	01/01/2019	03/15/2019		<i>Variance Current vs. Baseline Budget</i>	-21%	
							<i>Actuals to Date</i>	\$2,812,594
							<i>Remaining Budget</i>	\$0
					<i>% Budget Spent To Date</i>	100%		



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09008	Tampa Bay Desalination Plant Reverse Osmosis Pump Bearings Replacement	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$100,000
		Planning	04/01/2023	04/19/2024	0%	<i>Current Budget</i>	\$0
		Professional Services Selection	04/22/2024	06/17/2024		<i>Variance Current vs. Baseline Budget</i>	-100%
		Design	06/18/2024	01/15/2025		<i>Actuals to Date</i>	\$0
		Bidding	01/16/2025	06/16/2025		<i>Remaining Budget</i>	\$0
		Construction	06/17/2025	03/24/2026		<i>% Budget Spent To Date</i>	#Error
		Close-Out	03/25/2026	08/17/2026			
09009	Tampa Bay Desalination Hydraulic Surge Protection and Pressurization Project	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$100,000
		Professional Services Selection	07/05/2018	08/13/2018	71%	<i>Current Budget</i>	\$96,545
		Planning	08/14/2018	02/18/2019		<i>Variance Current vs. Baseline Budget</i>	-3%
		Design	02/18/2019	02/19/2019		<i>Actuals to Date</i>	\$96,545
		Bidding	02/19/2019	10/28/2020		<i>Remaining Budget</i>	\$0
		Construction	02/20/2019	02/21/2019		<i>% Budget Spent To Date</i>	100%
		Close-Out	02/21/2019	06/17/2019			
09010	Tampa Bay Desalination Upgrade/Replace PLC/SCADA System	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$162,000
		Professional Services Selection	10/23/2023	02/19/2024	30%	<i>Current Budget</i>	\$90,158
		Planning	09/04/2017	12/17/2018		<i>Variance Current vs. Baseline Budget</i>	-44%
		Design	02/20/2024	10/21/2024		<i>Actuals to Date</i>	\$90,158
		Bidding	10/22/2024	02/17/2025		<i>Remaining Budget</i>	\$0
		Construction	02/18/2025	09/22/2025		<i>% Budget Spent To Date</i>	100%
		Close-Out	09/23/2025	12/22/2025			



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09012	Surface Water Treatment Plant Entrance Canopy	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$713,961
		Planning	12/06/2017	08/02/2018	83% ●	<i>Current Budget</i>	\$775,333
		Professional Services Selection	07/23/2018	09/10/2018		<i>Variance Current vs. Baseline Budget</i>	9% ●
		Design	09/11/2018	01/31/2019		<i>Actuals to Date</i>	\$331,133
		Bidding	02/01/2019	06/17/2019		<i>Remaining Budget</i>	\$444,200
		Construction	06/18/2019	05/22/2020		<i>% Budget Spent To Date</i>	43% 🟩
		Close-Out	05/23/2020	08/18/2020			
09013	Alafia River Pump Station Fall Protection	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$119,469
		Bidding	08/22/2016	12/19/2017	100% ●	<i>Current Budget</i>	\$119,469
		Construction	12/20/2017	02/15/2019		<i>Variance Current vs. Baseline Budget</i>	0% ●
		Close-Out	02/18/2019	10/31/2019		<i>Actuals to Date</i>	\$99,748
						<i>Remaining Budget</i>	\$19,721
			<i>% Budget Spent To Date</i>	83% 🟩			
09016	2023 Long-Term Master Water Plan	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$1,500,000
		Professional Services Selection	02/01/2021	10/18/2021	0% ○	<i>Current Budget</i>	\$1,500,000
		Planning	10/18/2021	10/13/2023		<i>Variance Current vs. Baseline Budget</i>	0% ●
		Close-Out	10/16/2023	12/18/2023		<i>Actuals to Date</i>	\$0
						<i>Remaining Budget</i>	\$1,500,000
			<i>% Budget Spent To Date</i>	0% ○			
09103	Starkey Hydrologic Restoration	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$464,599
		Design	01/29/2013	04/04/2018	100% ●	<i>Current Budget</i>	\$289,619
		Bidding	04/03/2018	08/20/2018		<i>Variance Current vs. Baseline Budget</i>	-38% ●
		Construction	08/21/2018	08/19/2019		<i>Actuals to Date</i>	\$289,619
						<i>Remaining Budget</i>	\$0
			<i>% Budget Spent To Date</i>	100% 🟩			



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Project ID	Project Name	Project Phase	Start Date	End Date	% Complete	Baseline Budget	
		11004	Cypress Creek Crossing Wellfield Collection Main Replacement	Planning	05/01/2014	09/30/2014	46%
Professional Services Selection	05/09/2024			09/18/2024	Current Budget	\$317,347	
Design	09/19/2024			09/16/2025	Variance Current vs. Baseline Budget	-85%	
Bidding	09/17/2025			12/04/2025	Actuals to Date	\$317,347	
Construction	12/05/2023			12/22/2026	Remaining Budget	\$0	
					% Budget Spent To Date	100%	
11009	Starkey Wellfield Collection Main Assessment	Professional Services Selection	02/25/2025	07/15/2025	0%	Baseline Budget	\$1,619,800
		Planning	07/16/2025	02/23/2027		Current Budget	\$1,619,800
						Variance Current vs. Baseline Budget	0%
						Actuals to Date	\$0
						Remaining Budget	\$1,619,800
						% Budget Spent To Date	0%
11010	Cypress Creek Collection Main Condition Assessment	Professional Services Selection	10/01/2021	02/18/2022	0%	Baseline Budget	\$861,200
		Planning	02/21/2022	09/22/2022		Current Budget	\$861,200
						Variance Current vs. Baseline Budget	0%
						Actuals to Date	\$0
						Remaining Budget	\$861,200
						% Budget Spent To Date	0%
50016	Eldridge-Wilde WF Pumps & Motors Replacement	Professional Services Selection	01/04/2016	08/15/2016	61%	Baseline Budget	\$14,963,000
		Design	08/16/2016	09/25/2019		Current Budget	\$17,479,137
		Bidding	09/26/2019	04/29/2020		Variance Current vs. Baseline Budget	17%
		Construction	04/30/2020	10/26/2022		Actuals to Date	\$1,383,055
						Remaining Budget	\$16,096,083
						% Budget Spent To Date	8%



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Project ID	Project Name	Project Phase	Start Date	End Date	% Complete	Baseline Budget			
		50022	Morris Bridge Booster Station Pumps 1 and 2 Replacement	Professional Services Selection	04/01/2024	06/18/2024	0%	Baseline Budget	\$985,000
Design	06/19/2024			06/17/2025	Current Budget	\$3,669,000			
Bidding	06/18/2025			12/16/2025	Variance Current vs. Baseline Budget	272%			
Construction	12/17/2025			10/20/2026	Actuals to Date	\$0			
					Remaining Budget	\$3,669,000			
					% Budget Spent To Date	0%			
50023	Starkey Wellfield Improvements	Planning	08/01/2014	08/01/2017	70%	Baseline Budget	\$1,518,000		
		Design	08/02/2017	04/30/2020		Current Budget	\$3,351,000		
		Bidding	05/01/2020	10/19/2020		Variance Current vs. Baseline Budget	121%		
		Construction	10/19/2020	06/20/2022		Actuals to Date	\$26,288		
							Remaining Budget	\$3,324,712	
							% Budget Spent To Date	1%	
50031	Cypress Bridge Wellfield Improvements	Planning	06/17/2019	07/19/2019	16%	Baseline Budget	\$6,108,742		
		Professional Services Selection	07/22/2019	03/06/2020		Current Budget	\$6,108,742		
		Design	03/09/2020	03/29/2021		Variance Current vs. Baseline Budget	0%		
		Bidding	03/30/2021	08/16/2021		Actuals to Date	\$5,742		
		Construction	08/16/2021	08/14/2023		Remaining Budget	\$6,103,000		
		Close-Out	08/14/2023	10/16/2023		% Budget Spent To Date	0%		
50033	South-Central WF Generators	Design	02/01/2018	04/05/2019	68%	Baseline Budget	\$963,000		
		Bidding	04/08/2019	08/19/2019		Current Budget	\$2,527,981		
		Construction	08/20/2019	02/26/2021		Variance Current vs. Baseline Budget	163%		
							Actuals to Date	\$8,228	
							Remaining Budget	\$2,519,753	
					% Budget Spent To Date	0%			



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Project ID	Project Name	Project Phase	Start Date	End Date	% Complete	Baseline Budget	
		50037	Cypress Creek WTP Stationary Generators	Design	01/02/2023	05/11/2023	0%
Bidding	05/12/2023			10/16/2023	Current Budget	\$442,000	
Construction	10/17/2023			08/19/2024	Variance Current vs. Baseline Budget	0%	
				Actuals to Date	\$0		
				Remaining Budget	\$442,000		
				% Budget Spent To Date	0%		
50040	Eldridge Wilde WF Underground Powerline	Professional Services Selection	09/14/2015	08/15/2016	62%	Baseline Budget	\$4,827,000
		Design	08/16/2016	09/25/2019		Current Budget	\$4,827,000
		Bidding	09/26/2019	04/29/2020		Variance Current vs. Baseline Budget	0%
		Construction	04/30/2020	10/26/2022		Actuals to Date	\$948,782
						Remaining Budget	\$3,878,218
						% Budget Spent To Date	20%
50041	Northwest Hillsborough Wellfield Improvements	Planning	01/31/2020	04/02/2020	2%	Baseline Budget	\$3,315,000
		Professional Services Selection	04/03/2020	10/28/2020		Current Budget	\$3,315,000
		Design	10/29/2020	01/19/2022		Variance Current vs. Baseline Budget	0%
		Bidding	01/19/2022	08/22/2022		Actuals to Date	\$0
		Construction	08/22/2022	12/25/2023		Remaining Budget	\$3,315,000
		Close-Out	12/25/2023	04/15/2024		% Budget Spent To Date	0%
50042	Cosme-Odesa Wellfield Improvements	Planning	01/03/2023	09/27/2023	0%	Baseline Budget	\$3,908,877
		Design	09/27/2023	05/29/2024		Current Budget	\$5,728,000
		Bidding	05/30/2024	09/23/2024		Variance Current vs. Baseline Budget	47%
		Construction	09/10/2024	02/10/2026		Actuals to Date	\$0
		Close-Out	02/11/2026	04/27/2026		Remaining Budget	\$5,728,000
						% Budget Spent To Date	0%



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50043	Cypress Creek Headwall Erosion Repair	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$365,926
		Design	11/10/2015	05/31/2017	44%	<i>Current Budget</i>	\$365,926
		Bidding	08/01/2024	12/16/2024		<i>Variance Current vs. Baseline Budget</i>	0%
		Construction	12/17/2024	05/05/2025		<i>Actuals to Date</i>	\$35,550
		Close-Out	05/06/2025	08/18/2025		<i>Remaining Budget</i>	\$330,376
							<i>% Budget Spent To Date</i>
50046	Lake Bridge Chemical Piping Replacement	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$514,800
		Design	06/17/2016	03/10/2020	71%	<i>Current Budget</i>	\$905,000
		Bidding	03/10/2020	06/15/2020		<i>Variance Current vs. Baseline Budget</i>	76%
		Construction	06/15/2020	06/23/2021		<i>Actuals to Date</i>	\$0
		Close-Out	06/23/2021	08/16/2021		<i>Remaining Budget</i>	\$905,000
							<i>% Budget Spent To Date</i>
50047	Morris Bridge Chemical Piping Replacement	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$419,100
		Design	08/02/2022	09/27/2023	0%	<i>Current Budget</i>	\$800,000
		Bidding	09/27/2023	03/04/2024		<i>Variance Current vs. Baseline Budget</i>	91%
		Construction	03/04/2024	07/07/2025		<i>Actuals to Date</i>	\$0
		Close-Out	07/07/2025	08/18/2025		<i>Remaining Budget</i>	\$800,000
							<i>% Budget Spent To Date</i>
50048	BUD 5 Chemical Piping Replacement	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$422,600
		Design	10/03/2022	08/18/2023	0%	<i>Current Budget</i>	\$422,600
		Bidding	08/21/2023	02/20/2024		<i>Variance Current vs. Baseline Budget</i>	0%
		Construction	02/21/2024	11/12/2024		<i>Actuals to Date</i>	\$0
		Close-Out	11/13/2024	02/18/2025		<i>Remaining Budget</i>	\$422,600
							<i>% Budget Spent To Date</i>



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50049	High Service Pump Station Chemical Piping Replacement	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$534,300	
		Design	12/01/2016	04/29/2020	71%	<i>Current Budget</i>	\$825,300	
		Bidding	04/30/2020	08/31/2020		<i>Variance Current vs. Baseline Budget</i>	54%	
		Construction	09/01/2020	04/29/2021		<i>Actuals to Date</i>	\$0	
		Close-Out	04/30/2021	06/21/2021		<i>Remaining Budget</i>	\$825,300	
							<i>% Budget Spent To Date</i>	0%
50050	Renewal and Replacement Program As-needed Activities (< \$100,000/each)	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$600,000	
		Construction	10/01/2015	09/30/2021	73%	<i>Current Budget</i>	\$339,135	
							<i>Variance Current vs. Baseline Budget</i>	-43%
							<i>Actuals to Date</i>	\$339,135
							<i>Remaining Budget</i>	\$0
							<i>% Budget Spent To Date</i>	100%
50051	Cypress Creek Water Treatment Plant Chemical Piping Replacement	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$1,434,900	
		Design	09/01/2021	11/23/2022	0%	<i>Current Budget</i>	\$1,755,000	
		Bidding	11/23/2022	05/01/2023		<i>Variance Current vs. Baseline Budget</i>	22%	
		Construction	05/01/2023	09/02/2024		<i>Actuals to Date</i>	\$0	
		Close-Out	09/02/2024	10/21/2024		<i>Remaining Budget</i>	\$1,755,000	
							<i>% Budget Spent To Date</i>	0%
50052	High Service Pump Station Ball Valve Replacement	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$1,605,920	
		Professional Services Selection	06/01/2023	07/27/2023	38%	<i>Current Budget</i>	\$1,605,920	
		Planning	08/12/2016	09/29/2017		<i>Variance Current vs. Baseline Budget</i>	0%	
		Design	07/28/2023	01/08/2024		<i>Actuals to Date</i>	\$19,980	
		Construction	04/16/2024	10/20/2025		<i>Remaining Budget</i>	\$1,585,940	
		Bidding	01/09/2024	04/15/2024		<i>% Budget Spent To Date</i>	1%	



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Project ID	Project Name	Project Phase	Start Date	End Date	% Complete	Baseline Budget		
		50054	Repump Station Motors and Pumps Rehabilitation	Construction	10/03/2016	02/18/2019	100% ●	Current Budget
					Current Budget	\$339,892		
					Variance Current vs. Baseline Budget	7% ●		
					Actuals to Date	\$339,892		
					Remaining Budget	\$0		
					% Budget Spent To Date	100% ●		
50056	South Pasco Transmission Main Pipe Repair	Project Phase	Start Date	End Date	% Complete	Baseline Budget		
		Planning	10/02/2023	02/24/2024	0% ○	Current Budget	\$1,706,000	
		Professional Services Selection	02/05/2024	07/01/2024		Variance Current vs. Baseline Budget	8% ●	
		Design	07/02/2024	08/26/2025		Actuals to Date	\$0	
		Bidding	08/27/2025	02/16/2026		Remaining Budget	\$1,849,000	
		Construction	02/17/2026	11/17/2026		% Budget Spent To Date	0% ○	
		Close-Out	11/18/2026	02/15/2027				
50057	Tampa Bay Desalination Plant Belt Filter Press Replacement	Project Phase	Start Date	End Date		% Complete	Baseline Budget	
		Planning	04/03/2028	04/20/2028	0% ○	Current Budget	\$1,198,000	
		Professional Services Selection	04/21/2028	05/22/2028		Variance Current vs. Baseline Budget	0% ●	
		Design	05/23/2028	08/08/2028		Actuals to Date	\$0	
		Bidding	08/09/2028	12/05/2028		Remaining Budget	\$1,198,000	
		Construction	12/06/2028	02/05/2030		% Budget Spent To Date	0% ○	
		Close-Out	02/06/2030	04/10/2030				
50058	Tampa Bay Desalination Plant Piping Replacement	Project Phase	Start Date	End Date		% Complete	Baseline Budget	
		Planning	01/16/2026	02/05/2026	0% ○	Current Budget	\$709,000	
		Design	02/06/2026	03/01/2027		Variance Current vs. Baseline Budget	0% ●	
		Bidding	03/02/2027	07/05/2027		Actuals to Date	\$0	
		Construction	07/06/2027	04/25/2028		Remaining Budget	\$709,000	
		Close-Out	04/26/2028	09/04/2028		% Budget Spent To Date	0% ○	



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50059	Harney Pump Station Pumps and Motors Replacement	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$860,000
		Planning	08/02/2017	08/31/2018	25%	<i>Current Budget</i>	\$860,000
		Design	03/17/2025	10/10/2025		<i>Variance Current vs. Baseline Budget</i>	0%
		Bidding	10/13/2025	03/16/2026		<i>Actuals to Date</i>	\$68,268
		Construction	03/17/2026	05/10/2027		<i>Remaining Budget</i>	\$791,732
		Close-Out	05/11/2027	09/13/2027		<i>% Budget Spent To Date</i>	8%
50060	Keller Hydrogen Sulfide Facility Roofing Replacement	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$444,000
		Planning	10/01/2026	11/11/2026	0%	<i>Current Budget</i>	\$444,000
		Professional Services Selection	11/12/2025	02/16/2027		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	02/17/2027	08/20/2027		<i>Actuals to Date</i>	\$0
		Bidding	08/23/2027	02/15/2028		<i>Remaining Budget</i>	\$444,000
		Construction	02/16/2028	04/09/2029		<i>% Budget Spent To Date</i>	0%
		Close-Out	04/10/2029	08/21/2029			
50061	Odessa Booster Station Pumps Replacement	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$1,503,000
		Planning	04/01/2025	05/12/2025	0%	<i>Current Budget</i>	\$1,503,000
		Professional Services Selection	05/13/2025	08/19/2025		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	08/20/2025	06/30/2026		<i>Actuals to Date</i>	\$0
		Bidding	07/01/2026	12/15/2026		<i>Remaining Budget</i>	\$1,503,000
		Construction	12/16/2026	12/14/2027		<i>% Budget Spent To Date</i>	0%
		Close-Out	12/15/2027	04/18/2028			



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Project ID	Project Name	Project Phase	Start Date	End Date	% Complete	Baseline Budget	
		50062	Tampa Bay Desalination Pipeline Reliability - Phase II	Planning	06/03/2024	06/28/2024	0%
Professional Services Selection	07/01/2024			08/21/2024	Current Budget	\$1,495,000	
Design	08/22/2024			03/10/2025	Variance Current vs. Baseline Budget	0%	
Bidding	03/11/2025			10/22/2025	Actuals to Date	\$0	
Construction	10/23/2025			07/22/2026	Remaining Budget	\$1,495,000	
Close-Out	07/23/2026			10/21/2026	% Budget Spent To Date	0%	
50063	BUD Wells Pumps and Motors Replacement	Planning	10/02/2023	12/01/2023	0%	Baseline Budget	\$436,000
		Design	12/04/2023	07/08/2024		Current Budget	\$508,000
		Bidding	07/09/2024	02/06/2025		Variance Current vs. Baseline Budget	17%
		Construction	02/07/2025	11/13/2025		Actuals to Date	\$0
		Close-Out	11/14/2025	02/16/2026		Remaining Budget	\$508,000
						% Budget Spent To Date	0%
50064	TBC MLK Starters Replacement	Design	02/01/2018	04/01/2019	80%	Baseline Budget	\$1,678,000
		Construction	07/01/2019	07/31/2020		Current Budget	\$1,146,800
		Bidding	04/02/2019	06/28/2019		Variance Current vs. Baseline Budget	-32%
		Close-Out	07/01/2020	08/31/2020		Actuals to Date	\$1,027
						Remaining Budget	\$1,145,773
						% Budget Spent To Date	0%
50065	Carrollwood Wells Electrical Improvement	Design	11/12/2025	04/29/2026	0%	Baseline Budget	\$282,000
		Bidding	04/30/2026	10/20/2026		Current Budget	\$282,000
		Construction	10/21/2026	08/03/2027		Variance Current vs. Baseline Budget	0%
		Close-Out	08/04/2027	10/19/2027		Actuals to Date	\$0
						Remaining Budget	\$282,000
						% Budget Spent To Date	0%



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50066	High Service Pump Station and Cypress Creek Water Treatment Plant Diesel Piping Improvements	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$230,000
		Planning	03/02/2016	04/05/2016	72%	<i>Current Budget</i>	\$572,828
		Professional Services Selection	04/06/2016	06/24/2016		<i>Variance Current vs. Baseline Budget</i>	149%
		Design	06/27/2016	02/17/2020		<i>Actuals to Date</i>	\$29,995
		Bidding	02/18/2020	06/15/2020		<i>Remaining Budget</i>	\$542,833
		Construction	06/15/2020	06/16/2021		<i>% Budget Spent To Date</i>	5%
		Close-Out	06/17/2021	09/20/2021			
50067	TBC TM Cathodic Protection	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$225,120
		Planning	06/03/2019	07/12/2019	31%	<i>Current Budget</i>	\$555,000
		Professional Services Selection	07/15/2019	12/15/2019		<i>Variance Current vs. Baseline Budget</i>	147%
		Design	12/16/2019	08/04/2020		<i>Actuals to Date</i>	\$0
		Bidding	08/05/2020	10/19/2021		<i>Remaining Budget</i>	\$555,000
		Construction	10/20/2020	08/16/2021		<i>% Budget Spent To Date</i>	0%
		Close-Out	08/17/2021	10/18/2021			
50068	Keller Hydrogen Sulfide Aeration Blowers	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$386,000
		Planning	06/05/2024	08/27/2024	0%	<i>Current Budget</i>	\$386,000
		Professional Services Selection	08/28/2024	11/11/2024		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	11/12/2024	05/06/2025		<i>Actuals to Date</i>	\$0
		Bidding	05/07/2025	09/05/2025		<i>Remaining Budget</i>	\$386,000
		Construction	09/08/2025	08/31/2026		<i>% Budget Spent To Date</i>	0%
		Close-Out	09/01/2026	12/31/2026			



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50069	Repump Station Generator	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$233,000
		Planning	01/05/2026	03/06/2026	0%	<i>Current Budget</i>	\$233,000
		Professional Services Selection	03/09/2026	03/09/2026		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	03/09/2026	10/12/2026		<i>Actuals to Date</i>	\$0
		Bidding	10/13/2026	05/13/2027		<i>Remaining Budget</i>	\$233,000
		Construction	05/14/2027	05/04/2028		<i>% Budget Spent To Date</i>	0%
		Close-Out	05/05/2028	08/21/2028			
50070	Repump Station Variable Frequency Drives	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$997,000
		Planning	11/06/2023	01/05/2024	0%	<i>Current Budget</i>	\$997,000
		Professional Services Selection	01/08/2024	04/25/2024		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	04/26/2024	11/29/2024		<i>Actuals to Date</i>	\$0
		Bidding	12/02/2024	07/02/2025		<i>Remaining Budget</i>	\$997,000
		Construction	07/03/2025	10/07/2026		<i>% Budget Spent To Date</i>	0%
		Close-Out	10/08/2026	12/21/2026			
50071	Cypress Creek Pump Station Variable Frequency Drives	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$1,336,000
		Planning	06/01/2022	08/02/2022	0%	<i>Current Budget</i>	\$1,336,000
		Professional Services Selection	08/03/2022	10/26/2022		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	10/26/2022	06/01/2023		<i>Actuals to Date</i>	\$0
		Bidding	06/01/2023	10/17/2023		<i>Remaining Budget</i>	\$1,336,000
		Construction	10/17/2023	11/12/2024		<i>% Budget Spent To Date</i>	0%
		Close-Out	11/12/2024	02/17/2025			



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50072	Keller Hydrogen Sulfide Chemical Feed System	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$321,000
		Planning	11/07/2023	01/29/2024	0%	<i>Current Budget</i>	\$321,000
		Professional Services Selection	01/30/2024	04/18/2024		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	04/19/2024	10/25/2024		<i>Actuals to Date</i>	\$0
		Bidding	10/28/2024	02/20/2025		<i>Remaining Budget</i>	\$321,000
		Construction	02/21/2025	12/18/2025		<i>% Budget Spent To Date</i>	0%
		Close-Out	12/19/2025	04/14/2026			
50073	Cypress Creek Water Treatment Plant 72-Inch Valve	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$2,509,000
		Planning	01/21/2022	04/14/2022	0%	<i>Current Budget</i>	\$2,646,000
		Professional Services Selection	04/15/2022	08/25/2022		<i>Variance Current vs. Baseline Budget</i>	5%
		Design	08/26/2022	03/03/2023		<i>Actuals to Date</i>	\$0
		Bidding	03/06/2023	08/30/2023		<i>Remaining Budget</i>	\$2,646,000
		Construction	08/31/2023	06/07/2024		<i>% Budget Spent To Date</i>	0%
		Close-Out	06/10/2024	08/19/2024			
52002	Carrollwood Pumps and Motors Refurbishment	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$423,000
		Planning	10/01/2024	11/11/2025	0%	<i>Current Budget</i>	\$423,000
		Professional Services Selection	11/11/2025	11/11/2025		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	11/12/2025	04/29/2026		<i>Actuals to Date</i>	\$0
		Bidding	04/30/2026	10/20/2026		<i>Remaining Budget</i>	\$423,000
		Construction	10/21/2026	08/03/2027		<i>% Budget Spent To Date</i>	0%
		Close-Out	08/04/2027	10/19/2027			



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52003	Lake Bridge Pumps and Motors	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$728,000
		Planning	06/03/2024	06/28/2024	0%	<i>Current Budget</i>	\$728,000
		Professional Services Selection	07/01/2024	10/16/2024		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	10/17/2024	02/24/2025		<i>Actuals to Date</i>	\$0
		Bidding	02/25/2025	09/29/2025		<i>Remaining Budget</i>	\$728,000
		Construction	08/20/2024	11/23/2026		<i>% Budget Spent To Date</i>	0%
		Close-Out	11/24/2026	03/29/2027			
52005	Tampa-Hillsborough Interconnect Pump Station	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$441,000
		Planning	02/18/2028	12/13/2028	0%	<i>Current Budget</i>	\$441,000
		Professional Services Selection	03/17/2028	06/29/2028		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	08/10/2028	02/08/2029		<i>Actuals to Date</i>	\$0
		Bidding	02/09/2029	05/23/2029		<i>Remaining Budget</i>	\$441,000
		Construction	05/24/2029	06/26/2030		<i>% Budget Spent To Date</i>	0%
		Close-Out	06/27/2030	08/19/2030			



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Project Number	Project Name	Schedule				Financials	
01602	Cypress Creek WF Pumps and Motors	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$4,409,000
		Planning	03/30/2021	06/21/2021	0% ○	<i>Current Budget</i>	\$4,806,000
		Professional Services Selection	06/22/2021	03/07/2022		<i>Variance Current vs. Baseline Budget</i>	9% ●
		Design	03/08/2022	09/28/2023		<i>Actuals to Date</i>	\$0
		Bidding	10/02/2023	04/24/2024		<i>Remaining Budget</i>	\$4,806,000
		Construction	04/25/2024	09/10/2025		<i>% Budget Spent To Date</i>	0% ○
		Close-Out	09/11/2025	12/15/2025			
01603	Cypress Creek WTP Yard Piping Valves	Project Phase	Start Date	End Date		% Complete	<i>Baseline Budget</i>
		Planning	08/25/2023	04/09/2024	0% ○	<i>Current Budget</i>	\$804,000
		Professional Services Selection	04/10/2024	10/03/2024		<i>Variance Current vs. Baseline Budget</i>	-68%
		Design	10/04/2024	07/10/2025		<i>Actuals to Date</i>	\$0
		Bidding	07/11/2025	01/29/2026		<i>Remaining Budget</i>	\$804,000
		Construction	01/30/2026	02/25/2027		<i>% Budget Spent To Date</i>	0% ○
		Close-Out	02/26/2027	06/03/2027			
01604	Eldridge Wilde Wellfield Treatment Improvements	Project Phase	Start Date	End Date		% Complete	<i>Baseline Budget</i>
		Planning	10/01/2026	03/22/2027	0% ○	<i>Current Budget</i>	\$33,287,000
		Professional Services Selection	03/23/2027	12/13/2027		<i>Variance Current vs. Baseline Budget</i>	7% ●
		Design	08/17/2027	08/29/2029		<i>Actuals to Date</i>	\$0
		Bidding	08/30/2029	03/11/2030		<i>Remaining Budget</i>	\$33,287,000
		Construction	03/12/2030	10/13/2031		<i>% Budget Spent To Date</i>	0% ○
		Close-Out	10/14/2031	02/23/2032			



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01605	Morris Bridge Underground Powerline	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$3,721,000
		Planning	02/01/2021	04/02/2021	0%	<i>Current Budget</i>	\$4,264,000
		Professional Services Selection	04/05/2021	12/23/2021		<i>Variance Current vs. Baseline Budget</i>	15%
		Design	01/07/2022	09/16/2022		<i>Actuals to Date</i>	\$0
		Bidding	09/19/2022	05/01/2023		<i>Remaining Budget</i>	\$4,264,000
		Construction	05/02/2023	06/17/2024		<i>% Budget Spent To Date</i>	0%
		Close-Out	06/18/2024	10/21/2024			
01606	S21 WF Pumps and Motors	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$1,160,000
		Planning	10/01/2023	11/23/2023	0%	<i>Current Budget</i>	\$1,160,000
		Professional Services Selection	11/24/2023	11/24/2023		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	11/24/2023	06/06/2024		<i>Actuals to Date</i>	\$0
		Bidding	06/10/2024	10/21/2024		<i>Remaining Budget</i>	\$1,160,000
		Construction	10/22/2024	09/08/2025		<i>% Budget Spent To Date</i>	0%
		Close-Out	09/09/2025	12/15/2025			
01614	Alafia Pump Station Motors	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$2,069,000
		Planning	07/15/2024	09/13/2024	0%	<i>Current Budget</i>	\$2,069,000
		Professional Services Selection	09/16/2024	09/16/2024		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	09/16/2024	04/21/2025		<i>Actuals to Date</i>	\$0
		Bidding	04/22/2025	11/20/2025		<i>Remaining Budget</i>	\$2,069,000
		Construction	11/21/2025	11/12/2026		<i>% Budget Spent To Date</i>	0%
		Close-Out	11/13/2026	02/15/2027			



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Project ID	Project Name	Project Phase	Start Date	End Date	% Complete	Baseline Budget		
		01700	Future-Renewal & Replacement Projects	Planning	10/01/2025	09/30/2032	0%	Baseline Budget
					Current Budget	\$22,500,000		
					Variance Current vs. Baseline Budget	-55%		
					Actuals to Date	\$0		
					Remaining Budget	\$22,500,000		
					% Budget Spent To Date	0%		
06004	Tampa Bay Desalination Plant Reverse Osmosis Trench Supports	Planning	06/01/2021	06/21/2021	0%	Baseline Budget	\$341,000	
		Professional Services Selection	06/22/2021	08/16/2021		Current Budget	\$341,000	
		Design	08/17/2021	01/05/2022		Variance Current vs. Baseline Budget	0%	
		Bidding	01/06/2022	06/20/2022		Actuals to Date	\$0	
		Construction	06/21/2022	06/19/2023		Remaining Budget	\$341,000	
		Close-Out	06/20/2023	10/16/2023		% Budget Spent To Date	0%	
06317	South Central Hillsborough Regional WF Improvements	Planning	11/02/2015	05/31/2017	88%	Baseline Budget	\$2,340,000	
		Professional Services Selection	06/01/2017	09/29/2017		Current Budget	\$691,689	
		Design	10/02/2017	07/17/2019		Variance Current vs. Baseline Budget	-70%	
		Bidding	07/17/2019	10/21/2019		Actuals to Date	\$283,128	
		Construction	10/21/2019	10/19/2020		Remaining Budget	\$408,561	
							% Budget Spent To Date	41%
06319	Reservoir Siren Upgrade	Planning	10/01/2015	09/30/2019	100%	Baseline Budget	\$376,000	
		Professional Services Selection	10/01/2019	10/02/2019		Current Budget	\$25,913	
		Design	10/02/2019	10/03/2019		Variance Current vs. Baseline Budget	-93%	
		Bidding	10/04/2019	10/07/2019		Actuals to Date	\$25,913	
		Construction	10/07/2019	10/08/2019		Remaining Budget	\$0	
		Close-Out	10/09/2019	10/21/2019		% Budget Spent To Date	100%	



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06320	Purchasing Warehouse	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$2,333,500
		Planning	04/18/2017	10/18/2017	77% ●	<i>Current Budget</i>	\$1,861,310
		Design	12/04/2017	10/15/2018		<i>Variance Current vs. Baseline Budget</i>	-20% ●
		Bidding	10/16/2018	04/15/2019		<i>Actuals to Date</i>	\$579,514
		Construction	04/16/2019	11/06/2020		<i>Remaining Budget</i>	\$1,281,796
		Close-Out	11/07/2020	02/15/2021		<i>% Budget Spent To Date</i>	31% ●
							<i>Baseline Budget</i>
					<i>Current Budget</i>	\$1,562,000	
06321	South Operations and Maintenance Building	Project Phase	Start Date	End Date	% Complete	<i>Variance Current vs. Baseline Budget</i>	-35% ●
		Planning	04/07/2023	08/29/2023	0% ○	<i>Actuals to Date</i>	\$0
		Design	08/30/2023	05/14/2024		<i>Remaining Budget</i>	\$1,562,000
		Bidding	05/15/2024	08/29/2024		<i>% Budget Spent To Date</i>	0% ○
		Construction	08/30/2024	10/20/2026			
		Close-Out	10/21/2026	02/15/2027			
							<i>Baseline Budget</i>
					<i>Current Budget</i>	\$11,141,500	
07005	South Pasco Wellfield and Treatment Improvements	Project Phase	Start Date	End Date	% Complete	<i>Variance Current vs. Baseline Budget</i>	2840% ●
		Professional Services Selection	04/01/2016	05/19/2022	38% ●	<i>Actuals to Date</i>	\$81,063
		Design	05/20/2022	02/07/2024		<i>Remaining Budget</i>	\$11,060,437
		Bidding	02/08/2024	07/19/2024		<i>% Budget Spent To Date</i>	1% ●
		Construction	07/22/2024	09/18/2026			
							<i>Baseline Budget</i>
					<i>Current Budget</i>	\$804,000	
07007	Cypress Creek WTP Chemical System Upgrades	Project Phase	Start Date	End Date	% Complete	<i>Variance Current vs. Baseline Budget</i>	30% ●
		Professional Services Selection	10/01/2024	11/26/2026	0% ○	<i>Actuals to Date</i>	\$0
		Design	11/27/2026	12/28/2027		<i>Remaining Budget</i>	\$804,000
		Bidding	12/29/2027	07/19/2028		<i>% Budget Spent To Date</i>	0% ○
		Construction	07/20/2028	12/19/2029			
							<i>Baseline Budget</i>
					<i>Current Budget</i>	\$804,000	

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Project ID	Project Name	Project Phase	Start Date	End Date	% Complete	Baseline Budget	
		07010	Regional Facility Site Pump Station Expansion	Professional Services Selection	05/01/2017	10/01/2018	55%
Design	10/22/2018			05/31/2019	Variance Current vs. Baseline Budget	10%	
Bidding	06/03/2019			10/21/2019	Actuals to Date	\$194,495	
Construction	10/22/2019			03/15/2022	Remaining Budget	\$2,434,035	
Close-Out	03/16/2022			08/15/2022	% Budget Spent To Date	7%	
07029	Cypress Creek Water Treatment Plant Drainage Improvements	Design	10/01/2025	01/05/2027	0%	Current Budget	\$344,625
		Bidding	01/06/2027	06/17/2027		Variance Current vs. Baseline Budget	0%
		Construction	06/18/2027	05/04/2028		Actuals to Date	\$0
		Close-Out	05/05/2028	08/17/2029		Remaining Budget	\$344,625
						% Budget Spent To Date	0%
07030	Cypress Creek Roads and Security Upgrades	Design	06/16/2026	01/12/2027	0%	Current Budget	\$572,550
		Professional Services Selection	04/15/2026	06/16/2026		Variance Current vs. Baseline Budget	0%
		Bidding	01/13/2027	10/19/2027		Actuals to Date	\$0
		Construction	10/20/2027	12/12/2028		Remaining Budget	\$572,550
		Close-Out	12/13/2028	02/20/2029		% Budget Spent To Date	0%
07032	Tampa Bay Desalination Facility Intake Connection Improvements: Phase 1	Planning	09/30/2019	10/11/2019	16%	Current Budget	\$13,174,000
		Professional Services Selection	10/14/2019	01/06/2020		Variance Current vs. Baseline Budget	-88%
		Design	01/06/2020	04/28/2020		Actuals to Date	\$30,890
		Bidding	04/28/2020	08/27/2020		Remaining Budget	\$1,602,110
		Construction	08/27/2020	05/25/2022		% Budget Spent To Date	2%
		Close-Out	05/25/2022	10/17/2022			



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Project ID	Project Name	Project Phase	Start Date	End Date	% Complete	Baseline Budget	
		07033	Tampa Bay Desalination Facility Intake Connection Improvements: Phase 2	Planning	10/03/2022	10/14/2022	0%
Professional Services Selection	10/17/2022			04/17/2023	Current Budget	\$11,894,000	
Design	05/01/2023			09/25/2023	Variance Current vs. Baseline Budget	0%	
Bidding	09/26/2023			04/15/2024	Actuals to Date	\$0	
Construction	04/16/2024			01/23/2026	Remaining Budget	\$11,894,000	
Close-Out	01/26/2026			06/15/2026	% Budget Spent To Date	0%	
07061	South Pasco Wellfield Underground Commercial Powerline	Planning	06/01/2022	02/07/2023	0%	Baseline Budget	\$1,951,000
		Professional Services Selection	02/08/2023	04/26/2023		Current Budget	\$2,382,000
		Design	04/27/2023	11/30/2023		Variance Current vs. Baseline Budget	22%
		Bidding	12/01/2023	04/16/2024		Actuals to Date	\$0
		Construction	04/17/2024	12/15/2025		Remaining Budget	\$2,382,000
						% Budget Spent To Date	0%
07062	Cypress Creek and HSPS Fiber Optic tie-in	Planning	01/05/2023	07/05/2023	0%	Baseline Budget	\$3,832,000
		Professional Services Selection	07/06/2023	12/28/2023		Current Budget	\$4,638,000
		Design	12/29/2023	05/05/2025		Variance Current vs. Baseline Budget	21%
		Bidding	05/06/2025	12/24/2025		Actuals to Date	\$0
		Construction	12/25/2025	03/31/2027		Remaining Budget	\$4,638,000
		Close-Out	04/01/2027	08/09/2027		% Budget Spent To Date	0%



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07064	Ground Storage Tanks Fall Protection	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$97,000
		Planning	06/01/2023	07/12/2023	0%	<i>Current Budget</i>	\$97,000
		Professional Services Selection	07/13/2023	10/16/2023		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	10/17/2023	03/26/2024		<i>Actuals to Date</i>	\$0
		Bidding	03/04/2024	08/19/2024		<i>Remaining Budget</i>	\$97,000
		Construction	08/20/2024	06/25/2025		<i>% Budget Spent To Date</i>	0%
		Close-Out	06/26/2025	08/18/2025			
07065	Maytum Vault Confined Space Removal	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$143,703
		Planning	01/03/2023	02/27/2023	0%	<i>Current Budget</i>	\$143,703
		Professional Services Selection	02/27/2023	02/27/2023		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	02/28/2023	06/19/2023		<i>Actuals to Date</i>	\$0
		Bidding	06/20/2023	08/21/2023		<i>Remaining Budget</i>	\$143,703
		Construction	08/22/2023	10/02/2023		<i>% Budget Spent To Date</i>	0%
		Close-Out	10/03/2023	12/18/2023			
07066	Reservoir Aerators Auxiliary Power	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$187,000
		Planning	06/02/2025	06/13/2025	0%	<i>Current Budget</i>	\$187,000
		Professional Services Selection	06/16/2025	06/20/2025		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	06/23/2025	12/16/2025		<i>Actuals to Date</i>	\$0
		Bidding	12/17/2025	04/17/2026		<i>Remaining Budget</i>	\$187,000
		Construction	04/20/2026	10/23/2026		<i>% Budget Spent To Date</i>	0%
		Close-Out	10/26/2026	12/18/2026			



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07067	Reservoir Office Space	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$180,120
		Planning	05/01/2018	07/02/2018	83%	<i>Current Budget</i>	\$186,032
		Professional Services Selection	07/03/2018	08/20/2018		<i>Variance Current vs. Baseline Budget</i>	3%
		Design	08/21/2018	02/28/2019		<i>Actuals to Date</i>	\$58,800
		Bidding	03/01/2019	06/17/2019		<i>Remaining Budget</i>	\$127,232
		Construction	06/18/2019	06/15/2020		<i>% Budget Spent To Date</i>	32%
		Close-Out	06/16/2020	08/17/2020			
07068	Reservoir Pole Barn	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$145,000
		Planning	10/01/2025	12/23/2025	0%	<i>Current Budget</i>	\$0
		Professional Services Selection	12/24/2025	04/16/2026		<i>Variance Current vs. Baseline Budget</i>	-100%
		Design	04/17/2026	10/01/2026		<i>Actuals to Date</i>	\$0
		Bidding	10/02/2026	12/17/2026		<i>Remaining Budget</i>	\$0
		Construction	12/18/2026	10/25/2027		<i>% Budget Spent To Date</i>	#Error
		Close-Out	10/26/2027	02/17/2028			
07069	SCADA and IT Security Systems Improvements	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$2,757,077
		Planning	10/01/2019	11/25/2019	24%	<i>Current Budget</i>	\$0
		Professional Services Selection	11/26/2019	04/20/2020		<i>Variance Current vs. Baseline Budget</i>	-100%
		Design	04/21/2020	09/14/2020		<i>Actuals to Date</i>	\$0
		Bidding	08/25/2020	12/21/2020		<i>Remaining Budget</i>	\$0
		Construction	12/22/2020	04/26/2021		<i>% Budget Spent To Date</i>	#Error
		Close-Out	03/30/2021	10/18/2021			



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07070	TBC MLK Pumps Refurbishment	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$1,154,000
		Planning	10/03/2022	11/11/2022	0%	<i>Current Budget</i>	\$1,188,000
		Professional Services Selection	11/14/2022	11/14/2022		<i>Variance Current vs. Baseline Budget</i>	3%
		Design	11/15/2022	01/16/2023		<i>Actuals to Date</i>	\$0
		Bidding	12/28/2022	04/27/2023		<i>Remaining Budget</i>	\$1,188,000
		Construction	04/28/2023	09/02/2025		<i>% Budget Spent To Date</i>	0%
		Close-Out	09/03/2025	12/15/2025			
07072	Tampa Bypass Canal Gates Automation	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$1,032,000
		Planning	02/01/2018	03/15/2018	49%	<i>Current Budget</i>	\$1,713,003
		Professional Services Selection	03/16/2018	10/22/2018		<i>Variance Current vs. Baseline Budget</i>	66%
		Design	10/23/2018	05/31/2019		<i>Actuals to Date</i>	\$178,500
		Bidding	06/03/2019	02/17/2020		<i>Remaining Budget</i>	\$1,534,503
		Construction	02/18/2020	12/31/2021		<i>% Budget Spent To Date</i>	10%
		Close-Out	01/03/2022	06/20/2022			
07100	Future-Information Technology Projects	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$10,650,000
		Planning	10/01/2021	09/30/2031	0%	<i>Current Budget</i>	\$10,025,000
						<i>Variance Current vs. Baseline Budget</i>	-6%
						<i>Actuals to Date</i>	\$0
						<i>Remaining Budget</i>	\$10,025,000
						<i>% Budget Spent To Date</i>	0%
07131	Cosme Water Treatment Plant Yard Piping Improvements	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$922,681
		Planning	05/01/2007	08/21/2015	95%	<i>Current Budget</i>	\$934,681
		Design	07/23/2015	11/29/2018		<i>Variance Current vs. Baseline Budget</i>	1%
		Bidding	11/30/2018	10/21/2019		<i>Actuals to Date</i>	\$73,072
		Construction	10/22/2019	10/31/2020		<i>Remaining Budget</i>	\$861,609
						<i>% Budget Spent To Date</i>	8%

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Project ID	Project Name	Project Phase	Start Date	End Date	% Complete	Baseline Budget		
		07500	Vulnerability Assessment-Recommended Improvements	Design	06/01/2010	12/31/2011	100% ●	Current Budget
Construction	02/01/2011			08/19/2019		Variance Current vs. Baseline Budget	\$2,666,177	
					Actuals to Date	-1% ●		
					Remaining Budget	\$0		
					% Budget Spent To Date	100% ●		
07537	Cypress Creek WTP Post Node Analyzer Building	Professional Services Selection	04/22/2019	12/30/2019	24% ●	Baseline Budget	\$215,000	
		Design	12/31/2019	07/28/2021		Current Budget	\$325,000	
		Bidding	05/25/2021	10/18/2021		Variance Current vs. Baseline Budget	51% ●	
		Construction	10/19/2021	02/20/2023		Actuals to Date	\$11,498	
						Remaining Budget	\$313,502	
							% Budget Spent To Date	4% ●
07539	HSPS Switchgear Modifications	Planning	01/06/2015	06/24/2015	93% ●	Baseline Budget	\$2,955,000	
		Design: Phase 1	03/06/2017	07/14/2017		Current Budget	\$2,640,000	
		Construction: Phase 1	07/14/2017	01/19/2018		Variance Current vs. Baseline Budget	-11% ●	
		Professional Services Selection: Phase 2	08/24/2015	02/12/2016		Actuals to Date	\$1,754,573	
		Design: Phase 2	05/27/2016	04/16/2018		Remaining Budget	\$885,427	
		Bidding: Phase 2	04/30/2018	08/20/2018		% Budget Spent To Date	66% ●	
		Construction: Phase 2	08/21/2018	08/17/2020				



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07602	SCADA-Wireless Units Upgrade	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$73,000
		Planning	10/01/2020	12/16/2020	0%	<i>Current Budget</i>	\$73,000
		Professional Services Selection	12/16/2020	12/16/2020		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	12/17/2020	06/21/2021		<i>Actuals to Date</i>	\$0
		Bidding	02/25/2021	06/21/2021		<i>Remaining Budget</i>	\$73,000
		Construction	06/21/2021	10/25/2021		<i>% Budget Spent To Date</i>	0%
		Close-Out	10/25/2021	12/20/2021			
07603	SCADA-Software Features	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$109,000
		Planning	07/15/2020	09/09/2020	0%	<i>Current Budget</i>	\$109,000
		Professional Services Selection	09/09/2020	09/09/2020		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	09/10/2020	12/23/2020		<i>Actuals to Date</i>	\$0
		Bidding	12/24/2020	04/19/2021		<i>Remaining Budget</i>	\$109,000
		Construction	04/19/2021	08/30/2021		<i>% Budget Spent To Date</i>	0%
		Close-Out	08/30/2021	10/18/2021			
07604	SCADA-Field Communications Security	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$362,000
		Planning	09/13/2021	01/17/2022	0%	<i>Current Budget</i>	\$362,000
		Professional Services Selection	01/17/2022	01/17/2022		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	01/17/2022	06/06/2022		<i>Actuals to Date</i>	\$0
		Bidding	06/06/2022	08/15/2022		<i>Remaining Budget</i>	\$362,000
		Construction	08/15/2022	05/08/2023		<i>% Budget Spent To Date</i>	0%
		Close-Out	05/08/2023	06/16/2023			



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07605	SCADA-System Monitoring	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$724,000
		Planning	05/31/2021	09/13/2021	0%	<i>Current Budget</i>	\$724,000
		Professional Services Selection	09/13/2021	09/13/2021		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	09/13/2021	01/31/2022		<i>Actuals to Date</i>	\$0
		Bidding	01/31/2022	04/18/2022		<i>Remaining Budget</i>	\$724,000
		Construction	04/18/2022	10/24/2022		<i>% Budget Spent To Date</i>	0%
		Close-Out	10/24/2022	12/19/2022			
07606	SCADA-Management Cluster and HA-DA Enhancements	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$784,000
		Planning	04/01/2020	07/14/2020	0%	<i>Current Budget</i>	\$784,000
		Professional Services Selection	07/14/2020	07/14/2020		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	07/15/2020	12/01/2020		<i>Actuals to Date</i>	\$0
		Bidding	12/02/2020	04/19/2021		<i>Remaining Budget</i>	\$784,000
		Construction	04/19/2021	01/31/2022		<i>% Budget Spent To Date</i>	0%
		Close-Out	01/31/2022	04/18/2022			
07608	SCADA-Quality Assurance Enhancements	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$121,000
		Planning	05/31/2021	09/13/2021	0%	<i>Current Budget</i>	\$121,000
		Professional Services Selection	09/13/2021	09/13/2021		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	09/13/2021	01/31/2022		<i>Actuals to Date</i>	\$0
		Bidding	01/31/2022	04/18/2022		<i>Remaining Budget</i>	\$121,000
		Construction	04/19/2022	02/13/2023		<i>% Budget Spent To Date</i>	0%
		Close-Out	02/14/2023	03/20/2023			



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Project ID	Project Name	Project Phase	Start Date	End Date	% Complete	Baseline Budget		
		09007	Long-Term Master Water Plan	Planning: Phase 1	08/06/2014	04/15/2019	100%	Current Budget
Planning: Phase 2	01/01/2019			03/15/2019		Variance Current vs. Baseline Budget	\$2,812,594	
					Actuals to Date	-21%		
					Remaining Budget	\$2,812,594		
					% Budget Spent To Date	\$0		
						100%		
09008	Tampa Bay Desalination Plant Reverse Osmosis Pump Bearings Replacement	Planning	04/01/2023	04/19/2024	0%	Baseline Budget	\$100,000	
		Professional Services Selection	04/22/2024	06/17/2024		Current Budget	\$0	
		Design	06/18/2024	01/15/2025		Variance Current vs. Baseline Budget	-100%	
		Bidding	01/16/2025	06/16/2025		Actuals to Date	\$0	
		Construction	06/17/2025	03/24/2026		Remaining Budget	\$0	
		Close-Out	03/25/2026	08/17/2026		% Budget Spent To Date	#Error	
09009	Tampa Bay Desalination Hydraulic Surge Protection and Pressurization Project	Professional Services Selection	07/05/2018	08/13/2018	75%	Baseline Budget	\$100,000	
		Planning	08/14/2018	02/18/2019		Current Budget	\$96,545	
		Design	02/18/2019	02/19/2019		Variance Current vs. Baseline Budget	-3%	
		Bidding	02/19/2019	10/28/2020		Actuals to Date	\$96,545	
		Construction	02/20/2019	02/21/2019		Remaining Budget	\$0	
		Close-Out	02/21/2019	06/17/2019		% Budget Spent To Date	100%	



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09010	Tampa Bay Desalination Upgrade/Replace PLC/SCADA System	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$162,000
		Professional Services Selection	10/23/2023	02/19/2024	31%	<i>Current Budget</i>	\$90,158
		Planning	09/04/2017	12/17/2018		<i>Variance Current vs. Baseline Budget</i>	-44%
		Design	02/20/2024	10/21/2024		<i>Actuals to Date</i>	\$90,158
		Bidding	10/22/2024	02/17/2025		<i>Remaining Budget</i>	\$0
		Construction	02/18/2025	09/22/2025		<i>% Budget Spent To Date</i>	100%
		Close-Out	09/23/2025	12/22/2025			
09012	Surface Water Treatment Plant Entrance Canopy	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$713,961
		Planning	12/06/2017	08/02/2018	85%	<i>Current Budget</i>	\$775,333
		Professional Services Selection	07/23/2018	09/10/2018		<i>Variance Current vs. Baseline Budget</i>	9%
		Design	09/11/2018	01/31/2019		<i>Actuals to Date</i>	\$334,071
		Bidding	02/01/2019	06/17/2019		<i>Remaining Budget</i>	\$441,262
		Construction	06/18/2019	05/22/2020		<i>% Budget Spent To Date</i>	43%
		Close-Out	05/23/2020	08/18/2020			
09013	Alafia River Pump Station Fall Protection	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$119,469
		Bidding	08/22/2016	12/19/2017	100%	<i>Current Budget</i>	\$106,823
		Construction	12/20/2017	02/15/2019		<i>Variance Current vs. Baseline Budget</i>	-11%
		Close-Out	02/18/2019	10/31/2019		<i>Actuals to Date</i>	\$106,823
						<i>Remaining Budget</i>	\$0
			<i>% Budget Spent To Date</i>	100%			
09016	2023 Long-Term Master Water Plan	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$1,500,000
		Professional Services Selection	02/01/2021	10/18/2021	0%	<i>Current Budget</i>	\$1,500,000
		Planning	10/18/2021	10/13/2023		<i>Variance Current vs. Baseline Budget</i>	0%
		Close-Out	10/16/2023	12/18/2023		<i>Actuals to Date</i>	\$0
						<i>Remaining Budget</i>	\$1,500,000
			<i>% Budget Spent To Date</i>	0%			



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Project ID	Project Name	Project Phase	Start Date	End Date	% Complete	Baseline Budget	
		09103	Starkey Hydrologic Restoration	Design	01/29/2013	04/04/2018	100% ●
Bidding	04/03/2018			08/20/2018	Current Budget	\$289,619	
Construction	08/21/2018			08/19/2019	Variance Current vs. Baseline Budget	-38% ●	
				Actuals to Date	\$289,619		
				Remaining Budget	\$0		
				% Budget Spent To Date	100% ●		
11004	Cypress Creek Crossing Wellfield Collection Main Replacement	Planning	05/01/2014	09/30/2014	46% ●	Baseline Budget	\$2,129,000
		Professional Services Selection	05/09/2024	09/18/2024		Current Budget	\$317,347
		Design	09/19/2024	09/16/2025		Variance Current vs. Baseline Budget	-85%
		Bidding	09/17/2025	12/04/2025		Actuals to Date	\$317,347
		Construction	12/05/2023	12/22/2026		Remaining Budget	\$0
						% Budget Spent To Date	100% ●
11009	Starkey Wellfield Collection Main Assessment	Professional Services Selection	02/25/2025	07/15/2025	0% ○	Baseline Budget	\$1,619,800
		Planning	07/16/2025	02/23/2027		Current Budget	\$1,619,800
						Variance Current vs. Baseline Budget	0% ●
						Actuals to Date	\$0
				Remaining Budget	\$1,619,800		
				% Budget Spent To Date	0% ○		
11010	Cypress Creek Collection Main Condition Assessment	Professional Services Selection	10/01/2021	02/18/2022	0% ○	Baseline Budget	\$861,200
		Planning	02/21/2022	09/22/2022		Current Budget	\$861,200
						Variance Current vs. Baseline Budget	0% ●
						Actuals to Date	\$0
				Remaining Budget	\$861,200		
				% Budget Spent To Date	0% ○		



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50016	Eldridge-Wilde WF Pumps & Motors Replacement	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$14,963,000
		Professional Services Selection	01/04/2016	08/15/2016	62%	<i>Current Budget</i>	\$17,482,703
		Design	08/16/2016	09/25/2019		<i>Variance Current vs. Baseline Budget</i>	17%
		Bidding	09/26/2019	04/29/2020		<i>Actuals to Date</i>	\$1,383,055
		Construction	04/30/2020	10/26/2022		<i>Remaining Budget</i>	\$16,099,649
							<i>% Budget Spent To Date</i>
					<i>Baseline Budget</i>	\$985,000	
50022	Morris Bridge Booster Station Pumps 1 and 2 Replacement	Project Phase	Start Date	End Date	% Complete	<i>Current Budget</i>	\$3,669,000
		Professional Services Selection	04/01/2024	06/18/2024	0%	<i>Variance Current vs. Baseline Budget</i>	272%
		Design	06/19/2024	06/17/2025		<i>Actuals to Date</i>	\$0
		Bidding	06/18/2025	12/16/2025		<i>Remaining Budget</i>	\$3,669,000
		Construction	12/17/2025	10/20/2026		<i>% Budget Spent To Date</i>	0%
							<i>Baseline Budget</i>
50023	Starkey Wellfield Improvements	Project Phase	Start Date	End Date	% Complete	<i>Current Budget</i>	\$3,351,000
		Planning	08/01/2014	08/01/2017	67%	<i>Variance Current vs. Baseline Budget</i>	121%
		Design	08/02/2017	06/30/2020		<i>Actuals to Date</i>	\$29,971
		Bidding	07/01/2020	12/21/2020		<i>Remaining Budget</i>	\$3,321,029
		Construction	12/22/2020	12/19/2022		<i>% Budget Spent To Date</i>	1%
							<i>Baseline Budget</i>
50031	Cypress Bridge Wellfield Improvements	Project Phase	Start Date	End Date	% Complete	<i>Current Budget</i>	\$6,108,742
		Planning	06/17/2019	07/19/2019	18%	<i>Variance Current vs. Baseline Budget</i>	0%
		Professional Services Selection	07/22/2019	03/06/2020		<i>Actuals to Date</i>	\$5,742
		Design	03/09/2020	03/29/2021		<i>Remaining Budget</i>	\$6,103,000
		Bidding	03/30/2021	08/16/2021		<i>% Budget Spent To Date</i>	0%
		Construction	08/16/2021	08/14/2023			
		Close-Out	08/14/2023	10/16/2023			

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Project ID	Project Name	Project Phase	Start Date	End Date	% Complete	Baseline Budget	
		50033	South-Central WF Generators	Design	02/01/2018	04/05/2019	70%
Bidding	04/08/2019			08/19/2019	Current Budget	\$2,527,981	
Construction	08/20/2019			02/26/2021	Variance Current vs. Baseline Budget	163%	
				Actuals to Date	\$8,228		
				Remaining Budget	\$2,519,753		
				% Budget Spent To Date	0%		
50037	Cypress Creek WTP Stationary Generators	Design	01/02/2023	05/11/2023	0%	Baseline Budget	\$442,000
		Bidding	05/12/2023	10/16/2023		Current Budget	\$442,000
		Construction	10/17/2023	08/19/2024		Variance Current vs. Baseline Budget	0%
						Actuals to Date	\$0
						Remaining Budget	\$442,000
						% Budget Spent To Date	0%
50040	Eldridge Wilde WF Underground Powerline	Professional Services Selection	09/14/2015	08/15/2016	63%	Baseline Budget	\$4,827,000
		Design	08/16/2016	09/25/2019		Current Budget	\$4,827,000
		Bidding	09/26/2019	04/29/2020		Variance Current vs. Baseline Budget	0%
		Construction	04/30/2020	10/26/2022		Actuals to Date	\$959,675
						Remaining Budget	\$3,867,325
						% Budget Spent To Date	20%
50041	Northwest Hillsborough Wellfield Improvements	Planning	01/31/2020	04/02/2020	3%	Baseline Budget	\$3,315,000
		Professional Services Selection	04/03/2020	10/28/2020		Current Budget	\$3,315,000
		Design	10/29/2020	01/19/2022		Variance Current vs. Baseline Budget	0%
		Bidding	01/19/2022	08/22/2022		Actuals to Date	\$0
		Construction	08/22/2022	12/25/2023	Remaining Budget	\$3,315,000	
		Close-Out	12/25/2023	04/15/2024	% Budget Spent To Date	0%	



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50042	Cosme-Odesa Wellfield Improvements	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$3,908,877
		Planning	01/03/2023	09/27/2023	0%	<i>Current Budget</i>	\$5,728,000
		Design	09/27/2023	05/29/2024		<i>Variance Current vs. Baseline Budget</i>	47%
		Bidding	05/30/2024	09/23/2024		<i>Actuals to Date</i>	\$0
		Construction	09/10/2024	02/10/2026		<i>Remaining Budget</i>	\$5,728,000
		Close-Out	02/11/2026	04/27/2026		<i>% Budget Spent To Date</i>	0%
50043	Cypress Creek Headwall Erosion Repair	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$365,926
		Design	11/10/2015	05/31/2017	44%	<i>Current Budget</i>	\$365,926
		Bidding	08/01/2024	12/16/2024		<i>Variance Current vs. Baseline Budget</i>	0%
		Construction	12/17/2024	05/05/2025		<i>Actuals to Date</i>	\$35,550
		Close-Out	05/06/2025	08/18/2025		<i>Remaining Budget</i>	\$330,376
							<i>% Budget Spent To Date</i>
50046	Lake Bridge Chemical Piping Replacement	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$514,800
		Design	06/17/2016	03/10/2020	73%	<i>Current Budget</i>	\$905,000
		Bidding	03/10/2020	06/15/2020		<i>Variance Current vs. Baseline Budget</i>	76%
		Construction	06/15/2020	06/23/2021		<i>Actuals to Date</i>	\$0
		Close-Out	06/23/2021	08/16/2021		<i>Remaining Budget</i>	\$905,000
							<i>% Budget Spent To Date</i>
50047	Morris Bridge Chemical Piping Replacement	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$419,100
		Design	08/02/2022	09/27/2023	0%	<i>Current Budget</i>	\$800,000
		Bidding	09/27/2023	03/04/2024		<i>Variance Current vs. Baseline Budget</i>	91%
		Construction	03/04/2024	07/07/2025		<i>Actuals to Date</i>	\$0
		Close-Out	07/07/2025	08/18/2025		<i>Remaining Budget</i>	\$800,000
							<i>% Budget Spent To Date</i>



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Project ID	Project Name	Project Phase	Start Date	End Date	% Complete	Baseline Budget			
		50048	BUD 5 Chemical Piping Replacement	Design	10/03/2022	08/18/2023	0%	Baseline Budget	\$422,600
Bidding	08/21/2023			02/20/2024	Current Budget	\$422,600			
Construction	02/21/2024			11/12/2024	Variance Current vs. Baseline Budget	0%			
Close-Out	11/13/2024			02/18/2025	Actuals to Date	\$0			
					Remaining Budget	\$422,600			
					% Budget Spent To Date	0%			
50049	High Service Pump Station Chemical Piping Replacement	Design	12/01/2016	04/29/2020	73%	Baseline Budget	\$534,300		
		Bidding	04/30/2020	08/31/2020		Current Budget	\$825,300		
		Construction	09/01/2020	04/29/2021		Variance Current vs. Baseline Budget	54%		
		Close-Out	04/30/2021	06/21/2021		Actuals to Date	\$0		
							Remaining Budget	\$825,300	
							% Budget Spent To Date	0%	
50050	Renewal and Replacement Program As-needed Activities (< \$100,000/each)	Construction	10/01/2015	09/30/2021	75%	Baseline Budget	\$600,000		
							Current Budget	\$339,135	
							Variance Current vs. Baseline Budget	-43%	
							Actuals to Date	\$339,135	
							Remaining Budget	\$0	
					% Budget Spent To Date	100%			
50051	Cypress Creek Water Treatment Plant Chemical Piping Replacement	Design	09/01/2021	11/23/2022	0%	Baseline Budget	\$1,434,900		
		Bidding	11/23/2022	05/01/2023		Current Budget	\$1,755,000		
		Construction	05/01/2023	09/02/2024		Variance Current vs. Baseline Budget	22%		
		Close-Out	09/02/2024	10/21/2024		Actuals to Date	\$0		
							Remaining Budget	\$1,755,000	
							% Budget Spent To Date	0%	



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50052	High Service Pump Station Ball Valve Replacement	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$1,605,920
		Professional Services Selection	06/01/2023	07/27/2023	39%	<i>Current Budget</i>	\$1,605,920
		Planning	08/12/2016	09/29/2017		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	07/28/2023	01/08/2024		<i>Actuals to Date</i>	\$19,980
		Construction	04/16/2024	10/20/2025		<i>Remaining Budget</i>	\$1,585,940
		Bidding	01/09/2024	04/15/2024		<i>% Budget Spent To Date</i>	1%
50054	Repump Station Motors and Pumps Rehabilitation	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$316,800
		Construction	10/03/2016	02/18/2019	100%	<i>Current Budget</i>	\$339,892
						<i>Variance Current vs. Baseline Budget</i>	7%
						<i>Actuals to Date</i>	\$339,892
						<i>Remaining Budget</i>	\$0
				<i>% Budget Spent To Date</i>	100%		
50056	South Pasco Transmission Main Pipe Repair	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$1,706,000
		Planning	10/02/2023	02/24/2024	0%	<i>Current Budget</i>	\$1,849,000
		Professional Services Selection	02/05/2024	07/01/2024		<i>Variance Current vs. Baseline Budget</i>	8%
		Design	07/02/2024	08/26/2025		<i>Actuals to Date</i>	\$0
		Bidding	08/27/2025	02/16/2026		<i>Remaining Budget</i>	\$1,849,000
		Construction	02/17/2026	11/17/2026		<i>% Budget Spent To Date</i>	0%
		Close-Out	11/18/2026	02/15/2027			
50057	Tampa Bay Desalination Plant Belt Filter Press Replacement	Project Phase	Start Date	End Date		% Complete	<i>Baseline Budget</i>
		Planning	04/03/2028	04/20/2028	0%	<i>Current Budget</i>	\$1,198,000
		Professional Services Selection	04/21/2028	05/22/2028		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	05/23/2028	08/08/2028		<i>Actuals to Date</i>	\$0
		Bidding	08/09/2028	12/05/2028		<i>Remaining Budget</i>	\$1,198,000
		Construction	12/06/2028	02/05/2030		<i>% Budget Spent To Date</i>	0%
		Close-Out	02/06/2030	04/10/2030			



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Project ID	Project Name	Project Phase	Start Date	End Date	% Complete	Baseline Budget			
		50058	Tampa Bay Desalination Plant Piping Replacement	Planning	01/16/2026	02/05/2026	0%	Baseline Budget	\$709,000
Design	02/06/2026			03/01/2027	Current Budget	\$709,000			
Bidding	03/02/2027			07/05/2027	Variance Current vs. Baseline Budget	0%			
Construction	07/06/2027			04/25/2028	Actuals to Date	\$0			
Close-Out	04/26/2028			09/04/2028	Remaining Budget	\$709,000			
					% Budget Spent To Date	0%			
50059	Harney Pump Station Pumps and Motors Replacement	Planning	08/02/2017	08/31/2018	26%	Baseline Budget	\$860,000		
		Design	03/17/2025	10/10/2025		Current Budget	\$860,000		
		Bidding	10/13/2025	03/16/2026		Variance Current vs. Baseline Budget	0%		
		Construction	03/17/2026	05/10/2027		Actuals to Date	\$68,268		
		Close-Out	05/11/2027	09/13/2027		Remaining Budget	\$791,732		
							% Budget Spent To Date	8%	
50060	Keller Hydrogen Sulfide Facility Roofing Replacement	Planning	10/01/2026	11/11/2026	0%	Baseline Budget	\$444,000		
		Professional Services Selection	11/12/2025	02/16/2027		Current Budget	\$444,000		
		Design	02/17/2027	08/20/2027		Variance Current vs. Baseline Budget	0%		
		Bidding	08/23/2027	02/15/2028		Actuals to Date	\$0		
		Construction	02/16/2028	04/09/2029		Remaining Budget	\$444,000		
		Close-Out	04/10/2029	08/21/2029		% Budget Spent To Date	0%		
50061	Odessa Booster Station Pumps Replacement	Planning	04/01/2025	05/12/2025	0%	Baseline Budget	\$1,503,000		
		Professional Services Selection	05/13/2025	08/19/2025		Current Budget	\$1,503,000		
		Design	08/20/2025	06/30/2026		Variance Current vs. Baseline Budget	0%		
		Bidding	07/01/2026	12/15/2026		Actuals to Date	\$0		
		Construction	12/16/2026	12/14/2027		Remaining Budget	\$1,503,000		
		Close-Out	12/15/2027	04/18/2028		% Budget Spent To Date	0%		



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Project ID	Project Name	Project Phase	Start Date	End Date	% Complete	Baseline Budget	
		50062	Tampa Bay Desalination Pipeline Reliability - Phase II	Planning	06/03/2024	06/28/2024	0%
Professional Services Selection	07/01/2024			08/21/2024	Current Budget	\$1,495,000	
Design	08/22/2024			03/10/2025	Variance Current vs. Baseline Budget	0%	
Bidding	03/11/2025			10/22/2025	Actuals to Date	\$0	
Construction	10/23/2025			07/22/2026	Remaining Budget	\$1,495,000	
Close-Out	07/23/2026			10/21/2026	% Budget Spent To Date	0%	
50063	BUD Wells Pumps and Motors Replacement	Planning	10/02/2023	12/01/2023	0%	Baseline Budget	\$436,000
		Design	12/04/2023	07/08/2024		Current Budget	\$508,000
		Bidding	07/09/2024	02/06/2025		Variance Current vs. Baseline Budget	17%
		Construction	02/07/2025	11/13/2025		Actuals to Date	\$0
		Close-Out	11/14/2025	02/16/2026		Remaining Budget	\$508,000
						% Budget Spent To Date	0%
50064	TBC MLK Starters Replacement	Design	02/01/2018	04/01/2019	83%	Baseline Budget	\$1,678,000
		Construction	07/01/2019	07/31/2020		Current Budget	\$1,146,800
		Bidding	04/02/2019	06/28/2019		Variance Current vs. Baseline Budget	-32%
		Close-Out	07/01/2020	08/31/2020		Actuals to Date	\$1,027
						Remaining Budget	\$1,145,773
						% Budget Spent To Date	0%
50065	Carrollwood Wells Electrical Improvement	Design	11/12/2025	04/29/2026	0%	Baseline Budget	\$282,000
		Bidding	04/30/2026	10/20/2026		Current Budget	\$282,000
		Construction	10/21/2026	08/03/2027		Variance Current vs. Baseline Budget	0%
		Close-Out	08/04/2027	10/19/2027		Actuals to Date	\$0
						Remaining Budget	\$282,000
						% Budget Spent To Date	0%



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Project ID	Project Name	Project Phase	Start Date	End Date	% Complete	Baseline Budget	
		50066	High Service Pump Station and Cypress Creek Water Treatment Plant Diesel Piping Improvements	Planning	03/02/2016	04/05/2016	73%
Professional Services Selection	04/06/2016			06/24/2016	Current Budget	\$572,828	
Design	06/27/2016			02/17/2020	Variance Current vs. Baseline Budget	149%	
Bidding	02/18/2020			06/15/2020	Actuals to Date	\$45,397	
Construction	06/15/2020			06/16/2021	Remaining Budget	\$527,431	
Close-Out	06/17/2021			09/20/2021	% Budget Spent To Date	8%	
50067	TBC TM Cathodic Protection	Planning	06/03/2019	07/12/2019	34%	Baseline Budget	\$225,120
		Professional Services Selection	07/15/2019	12/15/2019		Current Budget	\$555,000
		Design	12/16/2019	08/04/2020		Variance Current vs. Baseline Budget	147%
		Bidding	08/05/2020	10/19/2021		Actuals to Date	\$0
		Construction	10/20/2020	08/16/2021		Remaining Budget	\$555,000
		Close-Out	08/17/2021	10/18/2021		% Budget Spent To Date	0%
50068	Keller Hydrogen Sulfide Aeration Blowers	Planning	06/05/2024	08/27/2024	0%	Baseline Budget	\$386,000
		Professional Services Selection	08/28/2024	11/11/2024		Current Budget	\$386,000
		Design	11/12/2024	05/06/2025		Variance Current vs. Baseline Budget	0%
		Bidding	05/07/2025	09/05/2025		Actuals to Date	\$0
		Construction	09/08/2025	08/31/2026		Remaining Budget	\$386,000
		Close-Out	09/01/2026	12/31/2026		% Budget Spent To Date	0%



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50069	Repump Station Generator	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$233,000
		Planning	01/05/2026	03/06/2026	0%	<i>Current Budget</i>	\$233,000
		Professional Services Selection	03/09/2026	03/09/2026		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	03/09/2026	10/12/2026		<i>Actuals to Date</i>	\$0
		Bidding	10/13/2026	05/13/2027		<i>Remaining Budget</i>	\$233,000
		Construction	05/14/2027	05/04/2028		<i>% Budget Spent To Date</i>	0%
		Close-Out	05/05/2028	08/21/2028			
50070	Repump Station Variable Frequency Drives	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$997,000
		Planning	11/06/2023	01/05/2024	0%	<i>Current Budget</i>	\$997,000
		Professional Services Selection	01/08/2024	04/25/2024		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	04/26/2024	11/29/2024		<i>Actuals to Date</i>	\$0
		Bidding	12/02/2024	07/02/2025		<i>Remaining Budget</i>	\$997,000
		Construction	07/03/2025	10/07/2026		<i>% Budget Spent To Date</i>	0%
		Close-Out	10/08/2026	12/21/2026			
50071	Cypress Creek Pump Station Variable Frequency Drives	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$1,336,000
		Planning	06/01/2022	08/02/2022	0%	<i>Current Budget</i>	\$1,336,000
		Professional Services Selection	08/03/2022	10/26/2022		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	10/26/2022	06/01/2023		<i>Actuals to Date</i>	\$0
		Bidding	06/01/2023	10/17/2023		<i>Remaining Budget</i>	\$1,336,000
		Construction	10/17/2023	11/12/2024		<i>% Budget Spent To Date</i>	0%
		Close-Out	11/12/2024	02/17/2025			



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50072	Keller Hydrogen Sulfide Chemical Feed System	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$321,000
		Planning	11/07/2023	01/29/2024	0%	<i>Current Budget</i>	\$321,000
		Professional Services Selection	01/30/2024	04/18/2024		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	04/19/2024	10/25/2024		<i>Actuals to Date</i>	\$0
		Bidding	10/28/2024	02/20/2025		<i>Remaining Budget</i>	\$321,000
		Construction	02/21/2025	12/18/2025		<i>% Budget Spent To Date</i>	0%
		Close-Out	12/19/2025	04/14/2026			
50073	Cypress Creek Water Treatment Plant 72-Inch Valve	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$2,509,000
		Planning	01/21/2022	04/14/2022	0%	<i>Current Budget</i>	\$2,646,000
		Professional Services Selection	04/15/2022	08/25/2022		<i>Variance Current vs. Baseline Budget</i>	5%
		Design	08/26/2022	03/03/2023		<i>Actuals to Date</i>	\$0
		Bidding	03/06/2023	08/30/2023		<i>Remaining Budget</i>	\$2,646,000
		Construction	08/31/2023	06/07/2024		<i>% Budget Spent To Date</i>	0%
		Close-Out	06/10/2024	08/19/2024			
52002	Carrollwood Pumps and Motors Refurbishment	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$423,000
		Planning	10/01/2024	11/11/2025	0%	<i>Current Budget</i>	\$423,000
		Professional Services Selection	11/11/2025	11/11/2025		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	11/12/2025	04/29/2026		<i>Actuals to Date</i>	\$0
		Bidding	04/30/2026	10/20/2026		<i>Remaining Budget</i>	\$423,000
		Construction	10/21/2026	08/03/2027		<i>% Budget Spent To Date</i>	0%
		Close-Out	08/04/2027	10/19/2027			



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52003	Lake Bridge Pumps and Motors	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$728,000
		Planning	06/03/2024	06/28/2024	0%	<i>Current Budget</i>	\$728,000
		Professional Services Selection	07/01/2024	10/16/2024		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	10/17/2024	02/24/2025		<i>Actuals to Date</i>	\$0
		Bidding	02/25/2025	09/29/2025		<i>Remaining Budget</i>	\$728,000
		Construction	08/20/2024	11/23/2026		<i>% Budget Spent To Date</i>	0%
		Close-Out	11/24/2026	03/29/2027			
52005	Tampa-Hillsborough Interconnect Pump Station	Project Phase	Start Date	End Date	% Complete	<i>Baseline Budget</i>	\$441,000
		Planning	02/18/2028	12/13/2028	0%	<i>Current Budget</i>	\$441,000
		Professional Services Selection	03/17/2028	06/29/2028		<i>Variance Current vs. Baseline Budget</i>	0%
		Design	08/10/2028	02/08/2029		<i>Actuals to Date</i>	\$0
		Bidding	02/09/2029	05/23/2029		<i>Remaining Budget</i>	\$441,000
		Construction	05/24/2029	06/26/2030		<i>% Budget Spent To Date</i>	0%
		Close-Out	06/27/2030	08/19/2030			



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REPORTING PERIOD: -FEBRUARY 2020

Contract Number	Project Descriptions	Contractor/Consultant	Bidding		Contracts			(C+D)/B										
			Advertise Date	Bid Date	Notice of Intent to Award/ Contractor Signatures	Board Approval	Notice of Award Date	Effective Date of NTP	Contractual Substantial Completion	Contractual Final Completion	A	B	C	D	E	F	In Service Date	Percentage Expended To Date
2018-023	07006 - South Pasco Generator and Fuel Tank	Eau Gallie Electric, Inc.	<u>31-Oct-2017</u>	<u>10-Jan-2018</u>	<u>19-Jan-2018</u>	<u>19-Feb-2018</u>	<u>19-Feb-2018</u>	<u>30-Apr-2018</u>	<u>25-Apr-2019</u>	<u>24-Jun-2019</u>	\$ 1,048,300.00	\$ 1,048,300.00	\$ 997,815.62	\$ -	\$ 90,000.00	\$ 78,755.74	<u>24-Jun-2019</u>	95%
2018-020	07539 - HSPS Switchgear and Generator Controls Upgrade	TAW Technical Field Services, Inc.	<u>14-May-2018</u>	<u>18-Jul-2018</u>	<u>26-Jul-2018</u>	<u>20-Aug-2018</u>	<u>20-Aug-2018</u>	<u>8-Oct-2018</u>	<u>16-Sep-2019</u>	<u>2-Nov-2019</u>	\$ 987,591.00	\$ 987,591.00	\$ 508,892.85	\$ -	\$ 80,000.00	\$ 8,043.64		52%
2019-011	06320 - Cypress Creek Purchasing Warehouse Building Replacement	Wharton-Smith Inc.	<u>3-Jan-2019</u>	<u>19-Feb-2019</u>	<u>15-Mar-2019</u>	<u>15-Apr-2019</u>	<u>15-Apr-2019</u>	<u>30-May-2019</u>	<u>8-Jun-2020</u>	<u>8-Jul-2020</u>	\$ 1,721,488.00	\$ 1,721,488.00	\$ 441,624.63	\$ -	\$ 80,000.00	\$ -		26%
2019-515	09012 - Surface Water Treatment Plant Entrance Canopy	Veolia North America-South, LLC	<u>Sole Source</u>	<u>24-May-2019</u>	<u>19-Apr-2019</u>	<u>17-Jun-2019</u>	<u>17-Jun-2019</u>	<u>26-Aug-2019</u>	<u>22-Apr-2020</u>	<u>22-May-2020</u>	\$ 531,372.00	\$ 531,372.00	\$ 131,008.80	\$ -	\$ 40,000.00	\$ 2,822.14		25%
2019-044	50064 - TBC MLK Starters Replacement	Eau Gallie Electric, Inc.	<u>12-Mar-2019</u>	<u>6-May-2019</u>	<u>10-May-2019</u>	<u>17-Jun-2019</u>	<u>17-Jun-2019</u>	<u>5-Aug-2019</u>	<u>2-Jan-2020</u>	<u>1-Feb-2020</u>	\$ 946,800.00	\$ 946,800.00	\$ -	\$ -	\$ 168,000.00	\$ -		0%
2019-045	07067 - Reservoir Office Space	E.M. Scott General Contract, Inc.	<u>25-Feb-2019</u>	<u>17-Apr-2019</u>	<u>2-May-2019</u>	<u>17-Jun-2019</u>	<u>17-Jun-2019</u>	<u>15-Jul-2019</u>	<u>19-Dec-2019</u>	<u>15-Jan-2020</u>	\$ 129,198.00	\$ 129,198.00	\$ 10,566.00	\$ -	\$ 10,000.00	\$ -		8%
2019-057	50033 - South-Central Wellfield Generators & Pump Motor Replacement	Eau Gallie Electric, Inc.	<u>21-Jun-2019</u>	<u>24-Jul-2019</u>	<u>24-Jul-2019</u>	<u>19-Aug-2019</u>	<u>19-Aug-2019</u>	<u>21-Oct-2019</u>	<u>17-Jul-2020</u>	<u>16-Aug-2020</u>	\$ 2,306,855.00	\$ 2,306,855.00	\$ -	\$ -	\$ 300,000.00	\$ -		0%
2020-031	06317 - South-Central Hillsborough Regional Wellfield Improvements	Instrument Specialties, Inc.	<u>30-Jul-2019</u>	<u>24-Sep-2019</u>	<u>24-Sep-2019</u>	<u>15-Oct-2019</u>	<u>15-Oct-2019</u>	<u>14-Jan-2020</u>	<u>30-Nov-2020</u>	<u>31-Dec-2020</u>	\$ 97,258.94	\$ 97,258.94	\$ -	\$ -	\$ 25,000.00	\$ -		0%
2020-029	07010 - Regional Facility Site Pump Station Expansion	PCL Construction, Inc.	<u>26-Jul-2019</u>	<u>24-Sep-2019</u>	<u>24-Sep-2019</u>	<u>15-Oct-2019</u>	<u>15-Oct-2019</u>	<u>12-Dec-2019</u>	<u>7-Aug-2021</u>	<u>15-Mar-2022</u>	\$ 2,168,480.00	\$ 2,168,480.00	\$ -	\$ -	\$ 150,000.00	\$ -		0%
2020-704	07022 - Tampa Bypass Canal Gates Automation	PCL Construction, Inc.	<u>24-Jul-2019</u>	<u>18-Sep-2019</u>	<u>6-Jan-2020</u>	<u>17-Feb-2020</u>	<u>17-Feb-2020</u>				\$ 1,028,250.00	\$ 1,028,250.00	\$ -	\$ -	\$ 80,000.00	\$ -		0%

Date Status Designation	
<u>dd/mm/yyyy</u>	Actual Dates
<u>dd/mm/yyyy</u>	Planned Dates

All contracts listed above are on schedule and within budget with the following exceptions:

- 2018-020 - Project 07539 - Substantial and Final Completion dates will be adjusted pending execution of change order
- 2019-011 - Project 06320 - Substantial and Final Completion dates will be adjusted pending execution of change order
- 2019-044 - Project 50064 - Substantial and Final Completion dates will be adjusted pending execution of change order
- 2019-045 - Project 07067 - Substantial and Final Completion dates will be adjusted pending execution of change order

NOTE: Information provided as of February 29, 2020



Construction Management Monthly Report

REPORTING PERIOD: MARCH 2020

Contract Number	Project Descriptions	Contractor/Consultant	Bidding		Contracts						A	B	C	D	E	F	(C+D)/B	
			Advertise Date	Bid Date	Notice of Intent to Award/ Contractor Signatures	Board Approval	Notice of Award Date	Effective Date of NTP	Contractual Substantial Completion	Contractual Final Completion	Original Contract Value	Current Amended Contract Value	Contract Expenditures Invoiced to Date	Owner Direct Purchases Invoiced to Date	Project Allowance Value	Project Allowance Expenditure To Date	In Service Date	Percentage Expended To Date
2018-023	07006 - South Pasco Generator and Fuel Tank	Eau Gallie Electric, Inc.	<u>31-Oct-2017</u>	<u>10-Jan-2018</u>	<u>19-Jan-2018</u>	<u>19-Feb-2018</u>	<u>19-Feb-2018</u>	<u>30-Apr-2018</u>	<u>25-Apr-2019</u>	<u>24-Jun-2019</u>	\$ 1,048,300.00	\$ 1,048,300.00	\$ 997,815.62	\$ -	\$ 90,000.00	\$ 78,755.74	<u>24-Jun-2019</u>	95%
2018-020	07539 - HSPS Switchgear and Generator Controls Upgrade	TAW Technical Field Services, Inc.	<u>14-May-2018</u>	<u>18-Jul-2018</u>	<u>26-Jul-2018</u>	<u>20-Aug-2018</u>	<u>20-Aug-2018</u>	<u>8-Oct-2018</u>	<u>16-Sep-2019</u>	<u>2-Nov-2019</u>	\$ 987,591.00	\$ 987,591.00	\$ 508,892.85	\$ -	\$ 80,000.00	\$ 8,043.64		52%
2019-011	06320 - Cypress Creek Purchasing Warehouse Building Replacement	Wharton-Smith Inc.	<u>3-Jan-2019</u>	<u>19-Feb-2019</u>	<u>15-Mar-2019</u>	<u>15-Apr-2019</u>	<u>15-Apr-2019</u>	<u>30-May-2019</u>	<u>8-Jun-2020</u>	<u>8-Jul-2020</u>	\$ 1,721,488.00	\$ 1,721,488.00	\$ 441,624.63	\$ -	\$ 80,000.00	\$ -		26%
2019-515	09012 - Surface Water Treatment Plant Entrance Canopy	Veolia North America-South, LLC	<u>Sole Source</u>	<u>24-May-2019</u>	<u>19-Apr-2019</u>	<u>17-Jun-2019</u>	<u>17-Jun-2019</u>	<u>26-Aug-2019</u>	<u>22-Apr-2020</u>	<u>22-May-2020</u>	\$ 531,372.00	\$ 531,372.00	\$ 131,008.80	\$ -	\$ 40,000.00	\$ 2,822.14		25%
2019-044	50064 - TBC MLK Starters Replacement	Eau Gallie Electric, Inc.	<u>12-Mar-2019</u>	<u>6-May-2019</u>	<u>10-May-2019</u>	<u>17-Jun-2019</u>	<u>17-Jun-2019</u>	<u>5-Aug-2019</u>	<u>2-Jan-2020</u>	<u>1-Feb-2020</u>	\$ 946,800.00	\$ 946,800.00	\$ -	\$ -	\$ 168,000.00	\$ -		0%
2019-045	07067 - Reservoir Office Space	E.M. Scott General Contract, Inc.	<u>25-Feb-2019</u>	<u>17-Apr-2019</u>	<u>2-May-2019</u>	<u>17-Jun-2019</u>	<u>17-Jun-2019</u>	<u>15-Jul-2019</u>	<u>19-Dec-2019</u>	<u>15-Jan-2020</u>	\$ 129,198.00	\$ 129,198.00	\$ 10,566.00	\$ -	\$ 10,000.00	\$ -		8%
2019-057	50033 - South-Central Wellfield Generators & Pump Motor Replacement	Eau Gallie Electric, Inc.	<u>21-Jun-2019</u>	<u>24-Jul-2019</u>	<u>24-Jul-2019</u>	<u>19-Aug-2019</u>	<u>19-Aug-2019</u>	<u>21-Oct-2019</u>	<u>17-Jul-2020</u>	<u>16-Aug-2020</u>	\$ 2,306,855.00	\$ 2,306,855.00	\$ -	\$ -	\$ 300,000.00	\$ -		0%
2020-031	06317 - South-Central Hillsborough Regional Wellfield Improvements	Instrument Specialties, Inc.	<u>30-Jul-2019</u>	<u>24-Sep-2019</u>	<u>24-Sep-2019</u>	<u>15-Oct-2019</u>	<u>15-Oct-2019</u>	<u>14-Jan-2020</u>	<u>30-Nov-2020</u>	<u>31-Dec-2020</u>	\$ 97,258.94	\$ 97,258.94	\$ -	\$ -	\$ 25,000.00	\$ -		0%
2020-029	07010 - Regional Facility Site Pump Station Expansion	PCL Construction, Inc.	<u>26-Jul-2019</u>	<u>24-Sep-2019</u>	<u>24-Sep-2019</u>	<u>15-Oct-2019</u>	<u>15-Oct-2019</u>	<u>12-Dec-2019</u>	<u>7-Aug-2021</u>	<u>15-Mar-2022</u>	\$ 2,168,480.00	\$ 2,168,480.00	\$ 41,130.00	\$ -	\$ 150,000.00	\$ -		2%
2020-704	07022 - Tampa Bypass Canal Gates Automation	PCL Construction, Inc.	<u>24-Jul-2019</u>	<u>18-Sep-2019</u>	<u>6-Jan-2020</u>	<u>17-Feb-2020</u>	<u>17-Feb-2020</u>	<u>9-Mar-2020</u>	<u>28-Apr-2022</u>	<u>5-Oct-2022</u>	\$ 1,028,250.00	\$ 1,028,250.00	\$ -	\$ -	\$ 80,000.00	\$ -		0%

Date Status Designation	
<u>dd/mm/yyyy</u>	Actual Dates
<u>dd/mm/yyyy</u>	Planned Dates

All contracts listed above are on schedule and within budget with the following exceptions:

- 2018-020 - Project 07539 - Substantial and Final Completion dates will be adjusted pending execution of change order
- 2019-011 - Project 06320 - Substantial and Final Completion dates will be adjusted pending execution of change order
- 2019-044 - Project 50064 - Substantial and Final Completion dates will be adjusted pending execution of change order
- 2019-045 - Project 07067 - Substantial and Final Completion dates will be adjusted pending execution of change order

NOTE: Information provided as of March 31, 2020



SURVEY REPORT FOR BOARD AGENDA

For
February 2020

<u>Requested On</u>	<u>Facility/Project Name</u>	<u>Purpose</u>	<u>Parcel No.</u>	<u>Category</u>	<u>Action Status</u>	<u>Action Date</u>
4/10/2017	ELDRIDGE WILDE WELLFIELD	Utility Conflict	N/A	Property Research	Accepted	
4/19/2017	BRANDON URBAN WELLFIELD	Survey Staff Gauge SG-BUD-BDW-18-1-CG	N/A	Monitoring Site Locate	Accepted	
6/22/2017	GENERAL & ADMINISTRATIVE	Wellfield Trail Collection	N/A	Data Collection	In Process	
7/11/2017	CYPRESS CREEK WELLFIELD	Cypress Creek Headwall Monitoring Implementation	N/A	Topographical Survey	In Process	
7/17/2017	GENERAL & ADMINISTRATIVE	Civil 3D Survey Template Connected to GIS	N/A	Create CAD Drawing	In Process	
8/7/2017	GENERAL & ADMINISTRATIVE	Points of Connection Survey	N/A	Locate GPS Position	In Process	
8/29/2017	KELLER H2S FACILITY	Verify Previous Survey for Keller H2S Facility	N/A	Property Research	Accepted	
4/4/2018	STARKEY/N.PASCO WELLFIELD	Vertical survey for a well in Starkey Wellfield	N/A	CWUP	Accepted	
4/6/2018	CYPRESS CREEK PUMP STATION	Locate Cypress Creek Pump Station Infrastructure	N/A	Infrastructure Locate	Accepted	
6/14/2018	STARKEY/N.PASCO WELLFIELD	Starkey Pipeline Easement and Tree Removal	N/A	Stakeout	In Process	
7/26/2018	LAKE BR WATER TRMT PLANT	Lake Bridge WTP Chemical Piping Replacement plans drafting and preparation	N/A	Create CAD Drawing	In Process	
8/20/2018	REGIONAL TRANSMISSION MAINS	Modify As-Built Drawings of the Desalination Transmission Main	N/A	Create CAD Drawing	In Process	
9/20/2018	REGIONAL TRANSMISSION MAINS	Locate Above Ground Appurtenances Along Desalination Transmission Main	N/A	Locate GPS Position	Accepted	
10/19/2018	CYPRESS CREEK PUMP STATION	Draw Cypress Creek Lab Admin Building Renovations	N/A	Create CAD Drawing	In Process	
01/11/2019	REGIONAL TRANSMISSION MAINS	Update Record Drawings for 66" Cypress Creek TM	N/A	Update CAD Files	In Process	

<u>Requested On</u>	<u>Facility/Project Name</u>	<u>Purpose</u>	<u>Parcel No.</u>	<u>Category</u>	<u>Action Status</u>	<u>Action Date</u>
01/11/2019	TBC/HILLS HW PUMP STATION REGL	Actuator Serial Numbers for Structures 160, 161, 162	N/A	Documents and Report	In Process	
01/14/2019	SOUTH CENTRAL HILLS WELLFIELD	50030 SCHWF Arc Flash Mitigation	N/A	Project Closeout	Requested	
01/14/2019	CYPRESS CREEK WELLFIELD	50013 Cypress Creek Wellfield Arc Flash	N/A	Project Closeout	Requested	
01/14/2019	SOUTH PASCO WELLFIELD	50032 South Pasco Wellfield Arc Flash	N/A	Project Closeout	Requested	
01/14/2019	REPUMP STN WTP TO RESERVOIR	07052 Repump Drainage Record Drawings	N/A	Print Record Drawings	Requested	
01/14/2019	REGIONAL TRANSMISSION MAINS	50028 Process Water Piping Closeout Documents	N/A	Project Closeout	Requested	
01/14/2019	Odessa Booster Station	US 41 and Odessa Pressure Modifications Project	N/A	Project Closeout	Requested	
01/14/2019	LITHIA WTP INTERCONNECT	Hillsborough County Lithia WTP Bypass Interconnect CIP 30116-16016	N/A	Project Closeout	Requested	
01/14/2019	TAMPA BAY REG DESALINATION PLT	07403 Desal Intake Piping Repair Record Drawings.	N/A	Project Closeout	Requested	
01/14/2019	TAMPA BAY REG DESALINATION PLT	Desal Facility Modifications Project	N/A	Project Closeout	Requested	
02/06/2019	GENERAL & ADMINISTRATIVE	GIS Service Area Map	N/A	General GIS Map	In Process	
02/06/2019	ELDRIDGE WILDE WELLFIELD	Establish New Benchmark Along Stag Thicket Lane	N/A	As-Built Survey	In Process	
04/01/2019	REGIONAL TRANSMISSION MAINS	Pipeline Maps	N/A	General GIS Map	In Process	
04/18/2019	SOUTH PASCO WELLFIELD	Review Duke Energy and Tampa Bay Water Easements at Sotuh Pasco Wellfield	N/A	Sketch & Description	In Process	
05/29/2019	STARKEY/N.PASCO WELLFIELD	Starkey Wellfield Improvements	N/A	Update CAD Files	In Process	
06/06/2019	STARKEY/N.PASCO WELLFIELD	STK-S-31-EG New Site ID-29555	N/A	CWUP	In Process	

<u>Requested On</u>	<u>Facility/Project Name</u>	<u>Purpose</u>	<u>Parcel No.</u>	<u>Category</u>	<u>Action Status</u>	<u>Action Date</u>
06/12/2019	CYPRESS CREEK PUMP STATION	42" Gate Valve Installation Drawings	N/A	Create CAD Drawing	In Process	
07/08/2019	REGNL HIGH SERVICE PUMP STN	Cathodic Protection for Repump & High Service Pumping Areas of the Tampa Bay Regional Water Treatment Plant	N/A	Project Closeout	Accepted	
07/23/2019	CYPRESS CREEK PUMP STATION	Keller H2S WTP	N/A	Records Request	In Process	
07/30/2019	NW HILLSBOROUGH WELLFIELD	Utility Conflict - Citrus Park Drive Extension CAD/GIS Overlay	N/A	Create CAD Drawing	In Process	
07/31/2019	STARKEY/N.PASCO WELLFIELD	Starkey Hydrologic Restoration Project Close-out	N/A	Project Closeout	Requested	
08/20/2019	ALAFIA RIVER INTAKE & PS	Alafia Pump Station Fall Protection Project Close-Out	N/A	Project Closeout	Accepted	
10/16/2019	SOUTH CENTRAL HILLS WELLFIELD	South Central Hillsborough County Generator and New Motor Replacement	N/A	Create CAD Drawing	In Process	
10/22/2019	REGNL HIGH SERVICE PUMP STN	SWTP Property Sale to Hillsborough County	N/A	General GIS Map	In Process	
10/25/2019	SOUTH PASCO WELLFIELD	South Pasco Well 49 Generator Replacement Project	N/A	Project Closeout	Accepted	
10/30/2019	STARKEY/N.PASCO WELLFIELD	New STK-S10-CG3 Direct Read Gauge	N/A	CWUP	Requested	
10/30/2019	CROSSBAR WELLFIELD	New CBR-T08A-EG Staff Gauge Installed	N/A	CWUP	Requested	
11/01/2019	CYPRESS CREEK PUMP STATION	Cypress Creek Pump Station MV VFD Replacement	N/A	Project Closeout	Accepted	
12/12/2019	SECTION 21 WELLFIELD	Section 21 Wellfield Electrical Improvements	N/A	Project Closeout	Accepted	
12/16/2019	TAMPA/HILLS INTERCONNECT	Tampa Hillsborough Interconnect Pump Station	N/A	Stakeout	Accepted	
12/17/2019	CYPRESS CREEK WELLFIELD	Cypress Creek CYC-W25-EG	N/A	CWUP	Requested	
12/23/2019	ELDRIDGE WILDE WELLFIELD	Duke Easements on TBW parcels at EWW-Pinellas	N/A	Sketch & Description	In Process	

<u>Requested On</u>	<u>Facility/Project Name</u>	<u>Purpose</u>	<u>Parcel No.</u>	<u>Category</u>	<u>Action Status</u>	<u>Action Date</u>
01/10/2020	NW HILLSBOROUGH WELLFIELD	Survey Well Elevations	N/A	CWUP	Requested	
01/13/2020	GENERAL & ADMINISTRATIVE	South Hillsborough Booster Station Property Purchase	N/A	Boundary Survey	Requested	
01/22/2020	GENERAL & ADMINISTRATIVE	Cypress Creek WTP & HSPS Location Map	N/A	Create CAD Drawing	Completed	02/05/2020
01/30/2020	ELDRIDGE WILDE WELLFIELD	Eldridge Wilde WF Proposed Duke Overhead Power Schematic/Aerial for Project 50040.	N/A	General GIS Map	Completed	02/20/2020
02/03/2020	REGNL SURFACE WATER TRMT PLANT	SWTP Sale of vacant land to Hillsborough County	N/A	CWUP	Requested	
02/06/2020	CYPRESS CREEK WELLFIELD	Survey CYC-C33B-CG	N/A	CWUP	Requested	
02/10/2020	STARKEY/N.PASCO WELLFIELD	Starkey WF - 100 yr flood confirmation Wells 1, 3, 4	N/A	Documents and Report	Completed	02/13/2020
02/17/2020	ELDRIDGE WILDE WELLFIELD	EWWF Hillsborough County Side CAD and aerial overlay	N/A	Create CAD Drawing	Completed	02/20/2020
02/27/2020	GENERAL & ADMINISTRATIVE	Existing generator installation drawings for all generators	N/A	Records Request	In Process	



SURVEY REPORT FOR BOARD AGENDA

For
March 2020

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02/06/2019	GENERAL & ADMINISTRATIVE	GIS Service Area Map	N/A	General GIS Map	In Process	
02/06/2019	ELDRIDGE WILDE WELLFIELD	Establish New Benchmark Along Stag Thicket Lane	N/A	As-Built Survey	Completed	03/27/02020
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12/17/2019	CYPRESS CREEK WELLFIELD	Cypress Creek CYC-W25-EG	N/A	CWUP	Requested	
12/23/2019	ELDRIDGE WILDE WELLFIELD	Duke Easements on TBW parcels at EWW-Pinellas	N/A	Sketch & Description	In Process	

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01/13/2020	GENERAL & ADMINISTRATIVE	South Hillsborough Booster Station Property Purchase	N/A	Boundary Survey	In Process	
02/03/2020	REGNL SURFACE WATER TRMT PLANT	SWTP Sale of vacant land to Hillsborough County	N/A	CWUP	Requested	
02/06/2020	CYPRESS CREEK WELLFIELD	Survey CYC-C33B-CG	N/A	CWUP	Requested	
02/27/2020	GENERAL & ADMINISTRATIVE	Existing generator installation drawings for all generators	N/A	Records Request	In Process	
03/03/2020	GENERAL & ADMINISTRATIVE	Requesting a Point of Connections Map	N/A	General GIS Map	Completed	03/02/2020