



**UTILITY SPECIAL DISTRICT
BOARD OF DIRECTORS MEETING
AGENDA**

**Council Chambers
600 West Blue Heron Boulevard
Riviera Beach, FL 33404**

**MONDAY, MARCH 27, 2017
5:30 PM**

NOTICE

IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT, OF 1990, PERSONS IN NEED OF A SPECIAL ACCOMMODATION TO PARTICIPATE IN THE PROCEEDING SHALL, CONTACT THE EXECUTIVE ASSISTANT AIDE AT 561-845-4185 NO LATER THAN 96 HOURS PRIOR TO THE PROCEEDINGS. IF HEARING IMPAIRED, TELEPHONE THE FLORIDA RELAY SERVICES 1-800-955-8771 (TDD) OR 1-800-955-8770 (VOICE) FOR ASSISTANCE.

DISTRICT BOARD OF DIRECTORS

**TERENCE. D. DAVIS, BOARD CHAIRPERSON
(DISTRICT 5)
KaSHAMBA MILLER-ANDERSON, CHAIR PRO-TEM
(DISTRICT 2)
LYNNE L. HUBBARD, BOARD MEMBER
(DISTRICT 1)
TONYA DAVIS JOHNSON, BOARD MEMBER
(DISTRICT 3)
DAWN S. PARDO, BOARD MEMBER
(DISTRICT 4)
MAYOR THOMAS A MASTERS
(Ex-Officio Board Member)**

ADMINISTRATION

**Jonathan E. Evans, City Manager
Executive Director of Utility Special District**

Assistant Executive Director of Utility Special District
Claudene L. Anthony, CMC, District Clerk
Andrew DeGraffenreidt, District Attorney
Randy Sherman, District Finance Director

PLEASE TAKE NOTICE AND BE ADVISED that if any interested person desires to appeal any decision made by the Utility Special District Board of Directors with respect to any matter considered at this meeting, such interested person, at own expense, will need a record of the proceedings, and for such purpose may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based, pursuant to F.S. 286.0105.

LOBBYING - ORDINANCE 4001 ADOPTED SEPTEMBER 2011

Lobbyist registration and reporting forms are available for you online and in Print. Forms can be obtained in the Office of the City Clerk and in the Council Chambers. Registration and reporting forms shall be submitted to the Office of the City Clerk.

ANY PERSON WHO WOULD LIKE TO SPEAK ON AN AGENDA ITEM, PLEASE FILL OUT A SALMON PUBLIC COMMENT CARD LOCATED IN THE BACK OF THE COUNCIL CHAMBERS AND GIVE IT TO THE STAFF PRIOR TO THE ITEM BEING TAKEN UP BY BOARD OF DIRECTORS FOR DISCUSSION. MEMBERS OF THE PUBLIC SHALL BE GIVEN A TOTAL OF THREE (3) MINUTES TO SPEAK ON ALL ITEMS LISTED ON THE CONSENT AGENDA. MEMBERS OF THE PUBLIC WILL BE GIVEN THREE (3) MINUTES TO SPEAK ON EACH REGULAR AGENDA ITEM. IN NO EVENT WILL ANYONE BE ALLOWED TO SUBMIT A COMMENT CARD AND SPEAK ON AN AGENDA ITEM AFTER THE RESOLUTION IS READ OR ITEM CONSIDERED.

CALL TO ORDER

Roll Call

Invocation

Pledge of Allegiance

AGENDA Approval

Additions, Deletions, Substitutions

Disclosures by Board of Directors

Adoption of Agenda

Comments From the Public on Consent Agenda (Three Minute Limitation Total)

CONSENT AGENDA

ALL MATTERS LISTED UNDER THIS ITEM ARE CONSIDERED TO BE ROUTINE AND ACTION WILL BE TAKEN BY ONE MOTION. THERE WILL BE NO SEPARATE DISCUSSION OF THESE ITEMS UNLESS A BOARD MEMBER SO REQUESTS, IN WHICH EVENT, THE ITEM WILL BE REMOVED FROM THE GENERAL ORDER OF BUSINESS AND CONSIDERED IN ITS NORMAL SEQUENCE ON THE AGENDA.

MINUTES

RESOLUTIONS

END OF CONSENT AGENDA

AWARDS AND PRESENTATIONS

PUBLIC HEARINGS

REGULAR AGENDA

END OF REGULAR AGENDA

COMMENTS FROM THE PUBLIC - Non Agenda Item Speakers (Three Minute Limitation) Public Comment should be restricted to issues, matters, or topics pertinent to the City of Riviera Beach. Please be reminded that the City Council has adopted Rules of Decorum Governing Public Conduct During Official Meetings, which has been posted at the entrance of the Council Chambers. In an effort to preserve order, if any of the rules are not adhered to, the District Board Chairperson may have any disruptive speaker or attendee removed from the podium from the meeting and/or the building, if necessary. Please govern yourselves accordingly.

DISCUSSION AND DELIBERATION

DISCUSSION BY THE EXECUTIVE DIRECTOR OF THE UTILITY SPECIAL DISTRICT OR THE CITY MANAGER

1. UPDATE BY BEVIN BEAUDET
2. HIRING OF THE EXECUTIVE DIRECTOR FOR THE UTILITY SPECIAL DISTRICT.
3. UPDATE ON THE LIFT STATIONS PROJECT
4. UPDATE ON ECR

STATEMENTS BY THE DISTRICT BOARD

ADJOURNMENT

**CITY OF RIVIERA BEACH CITY COUNCIL
AGENDA ITEM SUMMARY**

Meeting Date: 3/27/2017

Agenda Category:

Subject: UPDATE BY BEVIN BEAUDET

Recommendation/Motion:

Originating Dept	UTILITY DISTRICT	Costs
User Dept.	Utility	Funding Source
Advertised	No	Budget Account Number
Date		
Paper		
Affected Parties	Not Required	

Background/Summary:

Fiscal Years
Capital Expenditures
Operating Costs
External Revenues
Program Income (city)
In-kind Match (city)
Net Fiscal Impact
NO. Additional FTE Positions
(cumulative)

III. Review Comments

A. Finance Department Comments:

B. Purchasing/Intergovernmental Relations/Grants Comments:

C. Department Director Review:

Contract Start Date

Contract End Date

Renewal Start Date

Renewal End Date

Number of 12 month terms this renewal

Dollar Amount

Contractor Company Name

Contractor Contact

Contractor Address

Contractor Phone Number

Contractor Email

Type of Contract

Describe

ATTACHMENTS:

File Name	Description	Upload Date	Type
March_27_UD_PROGRESS_REPORT_With_Blueprint.doc	UPDATE UD REPORT BY BEVIN BEAUDET	3/20/2017	Backup Material

PROGRESS REPORT
RIVIERA BEACH SPECIAL UTILITY DISTRICT

March 27, 2017

Bevin A. Beaudet, P.E., LLC

Drinking Water Quality

During the past month since the last Progress Report all of the District's 40 city-wide drinking water samples continue to meet or significantly exceed water quality standards with two minor exceptions. During routine sampling, Total coliform hits were experienced at two of the 40 locations that are sampled within the District. These occurred on March 13th at 118 W. 10th Street and 2700 N. Ocean. In both cases the confirmation resamples, including samples taken both upstream and downstream of the affected addresses, were negative for Total Coliforms and no public notification was required. The District staff continues to use its successful flushing regime, although as previously reported it is highly manpower intensive. Work is now under contract and on-going at the Water Treatment Plant and at Ave U Pump Station that will greatly improve water quality and consistency and within the next two months full compliance with chloramine residual and bacteriological standards will be more consistent and easier to achieve. Manpower required for flushing will be reduced. Water color, while not a health issue, will also be significantly improved (reduced).

Wellfield Rehabilitation

As a result of the District's on-going well rehabilitation program, progress has been made in bringing more wells into full service. Of the District's 27 drinking water wells, 16 are now fully operational. Seven wells are functional but operating at reduced capacity and are in line to be rehabilitated. Four wells remain out of service and are being repaired. The District has two well contractors working to restore full service to the entire wellfield.

Work at the Water Treatment Plant

The WTP Unit 3 By-Pass project is underway with a projected late April completion date. Completion of this project will allow the operation of Unit 3 and greatly improve the color and treatability of the District's drinking water. This project is a temporary solution only. Permanent repair of Treatment Unit #3 cannot be achieved until the planned structural repairs are made to the North Chemical Tower. An engineer, Chen-Moore, has now been selected and requested to provide a scope of services to design and prepare bid documents for these structural repairs.

The Chem-Scan Ammonia and Chloramine controller has been received and procurement of a control company to install and calibrate the unit is underway. This improvement will greatly assist the water treatment plant operators in controlling finished water quality.

The curricula for a comprehensive training program for the Water Treatment Plant operators is being developed and negotiated with the Florida Rural Water Association. The purpose of this program will be to train the operators in the operation of the plant in its current configuration and to prepare them for their new operational duties as the plant is modified and rehabilitated in the future. The training will also include assistance in developing written operating procedures. Updated written operating and maintenance procedures are a requirement of the PBCHD Consent Order.

Work at Avenue U Pumping Station and Tank

The Utility District staff has evaluated and chosen the most cost effective and technically efficient way in which to improve water quality leaving the tank and serving the far Western reaches of the distribution system, including Gramercy Park. A design-build project is now underway with Globaltech Design-Builders to perform these improvements, which include the addition of a mixer to the water storage tank, automated water quality sensors, new liquid chlorine and ammonia chemical addition equipment and modification of chemical addition locations. Improving the ability to boost chloramine residual at Ave U is one of the most critical improvements needed for permanent and cost effective compliance with the PBCHD consent order.

Consent Order Compliance

1. FDEP Consent Order WP-15-0459 – The District is in full compliance with the Consent Order at this time. All deadlines to date have been met.
 - BFA Engineers has completed a report which updates the condition assessment of all the wastewater force main pipeline aerial crossings over canals in the Utility District. This update will be used as a blueprint to prioritize, design and construct any needed repairs that will decrease the potential for spills. A Work Order under BFA's new contract is being negotiated for design, specifications and construction administration in order that this project, a key requirement of the FDEP Consent Order, can begin.
 - As previously reported, future requirements require the District to adhere to its Capital Plan in conducting system improvements on Lift Stations and pipeline renewal. The rehabilitation of Lift Stations 10 and 50 is a project which the District is committed to complete for Consent Order compliance. The FDEP has been apprised the District has chosen Simmons and White as the contractor to take over and finish this critical project. The new contractor has met with staff and is diligently pursuing completion of the project. A schedule for completion is in the process of being developed.
 - Repair and replacement of lift station pumps, motors and control equipment is currently underway and significant progress has been achieved in upgrading numerous lift station. There is still much more work to be done in this area, however.
 - The design and preparation of bid specifications of Pump Station 47 is the next major project in the District's Capital Plan needed to be done under the Consent Order.

Issuance of a Work Order for Design, Specifications, Bidding Assistance and Construction Administration for this project is a priority requirement of the FDEP Consent Order.

2. PBCHD Consent Order WP-020-16 – The District is in full compliance with the Consent Order at this time. All deadlines to date have been met.
- Required monitoring and flushing is being conducted, as is the finalization of a workable flushing plan to be submitted to the PBCHD.
 - Repair and replacement of pumps, motors and other electrical and mechanical equipment is being conducted. These repairs are required by the Consent Order based on the US Water Assessment Report.
 - As previously reported, improvements to the Ave U repump station and storage tank, as well as the Unit 3 by-pass are underway.

Future Planned Work

Attached to this Progress Report is a detailed Blueprint of Work completed and work items that are either underway or that needed to be initiated this Fiscal Year and FY 2017/18.

This will be my last Progress Report to the Utility District Board as I have given notice that March 30 will be my last day as your Technical Consultant. I have made this decision for family reasons. I have been pleased and honored to have been tasked by the City of Riviera Beach to help the Utility District through this difficult time. I believe that during the past ten months I have delivered sound guidance and a detailed path forward for the District staff. I have been pleased to work with the dedicated staff of the District. I wish you the best in moving forward with your plan.

BLUEPRINT FOR FY16-17 AND 17-18
TASKS NEEDED FOR COMPLIANCE TO CONSENT ORDERS
AND IMPROVEMENT OF DRINKING WATER AND ENVIRONMENTAL QUALITY

Prepared by Bevin A. Beaudet, P.E., Technical Consultant
March 2017

1. Completed Tasks:

- a. Water Treatment System Evaluation for Health Department by US Water Services Co.
- b. Written Responses to FDEP Consent Order Including Development of Standard Spill Response Procedures and Commitment to Short and Long-Term Capital Projects.
- c. Semi-Annual Chlorine Flush.
- d. Flushing and Sampling Plan Developed to Maintain Disinfectant Residuals Throughout System.
- e. Rehabilitation of Several Wells.
- f. Completion of In-Kind Services Projects for Both Consent Orders.
- g. Repair/Replacement of Wastewater Lift Station Pumps. Priority based on 2013 Master Plan and Current Inspection by Staff. Being Performed by Staff.
- h. Engineering Evaluation and Preliminary Design of Structural Problems at North Chemical Tower.
- i. Updated Engineering Evaluation of Wastewater Force Main Aerial Crossings.
- j. CCNA Selection of Two Additional Engineers for Continuing Contract to Help with Additional Work. Firms Selected are BFA and Chen-Moore Associates.

2. Currently Authorized Tasks - Underway:

- a. Continuing Construction Work at Lift Stations # 10 and 50. - Under Contract
- b. Ave U Pump Station Rehabilitation – Under Contract.
- c. Continued Well Rehabilitation – Under Contract.
- d. Treatment Unit #3 By-pass – Under Contract.
- e. Continued Repair/Replacement of Wastewater Lift Station Pumps. Priority based on 2013 Master Plan and Current Inspection by Staff. – Under Contract and Being Performed by Staff.
- f. Installation of Disinfection Chemical Auto Analyzer at WTP – Procurement Underway.
- g. Repair/Replacement of Water Treatment Plant and Remote Pumping Station Pumps and Motors. Priority based on US Water Report. –Procurement Underway.

- h. Purchase and Installation of Two New Anhydrous Ammoniators to Replace Failing Units at WTP. New Units Can Be Used In New Disinfection Process Project. – Procurement Underway.
- i. Contracting of On-Call Underground Contractor. Short-Term Contractor is Under Contract. Procurement Underway for Long-Term Contract.
- j. Negotiation and Award of Engineering Agreements with BFA and Chen-Moore.

3. Tasks Needed To Be Performed FY 16/17:

- a. Engineering Work Order To Be Issued for Design, Specifications, Bidding Assistance and Construction Administration of North Chemical Tower Building.
- b. Engineering Work Order To Be Issued for Design, Specifications, Bidding Assistance and Construction Administration for Force Main Aerial Crossing Rehabilitation.
- c. Engineering Work Order to Be Issued for Modification of Design of New Sodium Hypochlorite Disinfection Building and for Bidding Assistance and Construction Administration. Recommend C-Solutions as They Performed the Initial Design.
- d. Engineering Work Order To Be Issued for Design, Specifications, Bidding Assistance and Construction Management for Rehabilitation of Lift Station #47.
- e. Engineering Work Order To Be Issued for Design, Specifications, Bidding Assistance and Contract Administration for Conversion of Can-Type Lift Stations to Standard Design Stations As Well As Other Lift Station Rehabilitation Work. Priority of Stations to be Converted/Rehabilitated to be Based on Collaboration Between Staff and Engineer During Engineering Design. This is a Multi-Year Project.
- f. Engineering Work Order To Be Issued for Evaluation, Design, Specifications, Bidding Assistance and Contract Administration for WTP Generation and Switchgear Equipment. -
- g. Engineering Work Order To Be Issued to Develop Specifications for Relining of Gravity Sewer Systems.
- h. Each Contracted Engineer to be Issued an As Needed Services Work Order for Work in Support of Staff Not Specifically Called Out In Capital Plan.

4. Work Needed To Be Performed In FY 17/18

- a. Completion of Construction of Lift Stations #10 and 50.
- b. Completion of Construction of Aerial Crossings Repair/Rehabilitation.
- c. Completion of Construction of New Disinfection Building.
- d. Completion of Construction/Repair of North Chemical Tower.
- e. Begin Construction of Lift Station #47 Rehabilitation.
- f. Begin Construction of General Lift Station Rehabilitation. Start with Can Station Conversion Projects.
- g. Continued Work on Repair and Replacement of Aged Pumps, Motors, Control Equipment and Other Facility Operational Peripherals.

- h. Engineer Work Order to be Issued for Design, Specifications, Bidding Assistance and Construction Administration for Intracoastal Waterway Water Main Crossing.
- i. Engineering Work Order To Be Issued for Design, Specifications, Bidding Assistance, Construction Administration and Geological Field Inspection for Installation of Two New Drinking Water Wells.
- j. Engineer Work Order to be Issued for Design, Specifications, Bidding Assistance and Construction Administration for Perimeter Wall Around Water Treatment Plant.
- k. Engineer Work Order to be Issued for Design, Specifications, Bidding Assistance and Construction Administration for Utility field Operations Building.
- l. Engineer Work Order to be Issued for Design, Specifications, Bidding Assistance and Construction Administration for Utility district Facility Enhancements.
- m. CCNA Selection of a Design-Build Contractor and Negotiation of Guaranteed Fixed Price for Complete Rehabilitation of the WTP Lime Slakers, Softening Units and Filters.

**CITY OF RIVIERA BEACH CITY COUNCIL
AGENDA ITEM SUMMARY**

Meeting Date: 3/27/2017

Agenda Category:

Subject: HIRING OF THE EXECUTIVE DIRECTOR FOR THE UTILITY SPECIAL DISTRICT.

Recommendation/Motion:

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User Dept.	UTILITY DISTRICT	Funding Source
Advertised	No	Budget Account Number
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Paper		
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In-kind Match (city)
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(cumulative)

III. Review Comments

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B. Purchasing/Intergovernmental Relations/Grants Comments:

C. Department Director Review:

Contract Start Date

Contract End Date

Renewal Start Date

Renewal End Date

Number of 12 month terms this renewal

Dollar Amount

Contractor Company Name

Contractor Contact

Contractor Address

Contractor Phone Number

Contractor Email

Type of Contract

Describe

**CITY OF RIVIERA BEACH CITY COUNCIL
AGENDA ITEM SUMMARY**

Meeting Date: 3/27/2017

Agenda Category:

Subject: UPDATE ON THE LIFT STATIONS PROJECT

Recommendation/Motion:

Originating Dept	UTILITY DISTRICT	Costs
User Dept.	UTILITY DISTRICT	Funding Source
Advertised	No	Budget Account Number
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Describe

ATTACHMENTS:

File Name	Description	Upload Date	Type
17-012_- _Letter_of_Introduction_and_Notification.pdf	1-012-LETTER OF INTRODUCTION	3/21/2017	Backup Material



Wharton-Smith, Inc.
CONSTRUCTION GROUP

LETTER OF INTRODUCTION AND NOTIFICATION

March 20, 2017

Re: Rehabilitation and Replacement of Lift Station No. 10 Project

Dear Residents of Riviera Beach,

We wanted to inform you that Wharton-Smith, Inc. has been hired to take over the Rehabilitation and Replacement of Lift Station No. 10 project that has been ongoing within your neighborhood. We understand that the site has become an eye sore and we want to assure you that we are here to complete the job as quickly as possible and with the least amount of impact to you.

To accomplish this, Park Avenue will be closed to through traffic as of the date of this letter and will remain closed for approximately three months. We apologize for the temporary inconvenience this may cause but are committed to getting this job done safely and without further incidents. Construction on a much smaller scale will continue after the three-month mark, but with the road fully open.

Our company takes pride in its reputation in the area and in helping build better communities. We appreciate your patience and understanding during this short period of time.

Sincerely,

WHARTON-SMITH, INC.


James M. Contino
Project Manager

COMMITTED TO...

Exceeding Expectations



George E. Smith (left) - Chairman of the Board;
Ronald F. Davoli (right) - President / CEO

Wharton-Smith, Inc. was founded in Central Florida in 1984 by George Smith and Bill Wharton, who envisioned growing a company that would encompass strong work ethics and have a positive impact within the communities that we serve. A Top 400 ENR Contractor, with a strong financial backing, Wharton-Smith continues to uphold those founding ideals under the leadership of Ron Davoli, President and CEO. As a result, the firm has built a solid reputation throughout Central Florida, the Southeast U.S. and the Caribbean.

Headquartered in Sanford, Florida, Wharton-Smith operates six full service branch offices in Tampa, FL, Jupiter, FL, Gulfport, MS, Baton Rouge, LA, and Charlotte, NC. Our qualified team of approximately 450 construction specialists consists of construction managers, project estimators, superintendents, engineers, craftsmen, and technical personnel. With a focus on building communities, we specialize in water treatment, municipal, education, entertainment, and hospitality projects — all the things a community needs to thrive.

We take tremendous pride in what we build and are committed to delivering superior services to our clients. Our services cover the full range of the construction process from preconstruction to project close-out. Whether the project is hard bid, construction management, general contracting or design-build, we have the in-house expertise to ensure our clients' needs are always met.

A company's character is revealed in what it does. At Wharton-Smith, strong core values are just as important as business acumen and operations skills. Wharton-Smith was built upon a clear set of core values that hold true today — honesty, integrity, trust, fairness and quality. These values are instilled in the people we hire and the projects we build, allowing us to make a positive difference in the lives of our clients, our employees, and those in the communities where we live and work. Improving the quality of life wherever we do business is part of our heritage and culture, and is an indispensable part of achieving our vision — ***to be the construction group of choice.***



**WATER /
WASTEWATER**

EDUCATION

ENTERTAINMENT

INTERNATIONAL

PUBLIC SAFETY

PARKS & RECREATION

COMMUNITY

SPORTS

RELIGIOUS

Wharton-Smith takes great pride in our unique qualifications, our commitment to the environment and to providing a quality product for our clients.

**CITY OF RIVIERA BEACH CITY COUNCIL
AGENDA ITEM SUMMARY**

Meeting Date: 3/27/2017

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