

**PROGRESS REPORT**  
**RIVIERA BEACH UTILITY DISTRICT**

**October 24, 2016**

**Bevin A. Beaudet, P.E., LLC**

**ECR Update**

The East Central Regional Water Reclamation Facility (ECRWRF) continues construction of the \$94 million bio-solids handling facility, which is coming in on-time and on schedule. ECR is also conducting a \$20 million program of system upgrades. While current conditions at the plant are challenging, on-going repairs and rehabilitation of critical systems are keeping up with immediate needs until the rehabilitation projects, which are phased over the next ten years, are completed.

**Lift Stations 10 and 50 Update**

Significant effort has been made this past month to meet with and work with the contractor, Close Construction, to assist them in meeting project requirements and specifications as an alternative to terminating their contract. Some progress is being made in this effort, however whether or not it will result in a successful project without serious schedule and/or budget overruns remains to be seen.

**Drinking Water Quality**

Water quality continues to be within Federal and State standards throughout the system except for the far Western reaches. In Gramercy Park for instance, chloramine residuals have occasionally failed to meet standards and there have been occasional samples tested positive for total coliform. These conditions do not pose imminent health hazards however they result conditions that could potentially result in further degradation of water quality. In order to help improve these water quality conditions, a free chlorine flush was conducted starting the week of October 12 for a two week period. This free chlorine flush, which has now been completed, helps clean the pipelines of bacteria, improves ability to disinfect the pipes and has improved overall water quality. There is still room for improvement, and, as listed below, the District is conducting projects at the Water Treatment Plant and within the system to permanently improve water quality. Water quality information is updated weekly and posted on the District's web site. Additionally, at Board request, the utility bills now contain language that this information is also available by telephone request to those not connected to the internet.

**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. The In-Kind Services Project

which involved the lining of gravity pipe and manhole rehabilitation from W 9<sup>th</sup> St., across MLK Blvd. to W 6th St. is complete. Further requirements require the District to adhere to its Capital Plan in conducting system improvements on Lift Stations and pipeline renewal. Progress on Lift Stations 10 and 50 must also be continued.

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 is being conducted. US Water Services submitted their report to the Health Department on October 3<sup>rd</sup>. The District is now in the process of developing a plan and schedule, along with identified funding, to complete all the work identified in US Water’s recommendations. The In-Kind Services Project for this Consent Order involves the installation of 15 dedicated sampling stations within the District’s system of 40 sampling locations. These dedicated stations will be placed in areas where we currently rely on hose bib of residences or commercial buildings that are subject to contamination from outside influence rather than from the drinking water. The In-Kind Services proposal has been submitted to the Health Department and approved. Engineering and permitting has begun, the equipment received and a contractor identified.

### **Priority Issues**

#### **Future Planned Work**

1. Completion of PBCHD In-Kind Services project.
2. Continuation of water quality monitoring and reporting.
3. Development of a plan, schedule and identification of financing for improvements specified in the US Water report to the PBCHD.
4. Selection of a second General Consulting Engineer through the CCNA process.
5. Continue to work on Priority Issues and keep the board informed of obstacles and of progress.
6. Hiring of staff to fill key vacancies in both management and rank and file positions.

#### **Details of Tasks Needed to Be Completed**

A summary of Long Term, Short Term and Immediate Term actions required to rehabilitate the Utility District’s water and wastewater system are attached below.