

PROGRESS REPORT

RIVIERA BEACH SPECIAL UTILITY DISTRICT

December 19, 2016

Bevin A. Beaudet, P.E., LLC

Drinking Water Quality

During the past month since the last Progress Report, all, I repeat all of the 40 city-wide drinking water samples met or significantly exceeded water quality standards without exception. This is due to the improvements made to the District's flushing program and to the diligence of District staff who are learning and gaining experience in managing the distribution system. District staff continues work to develop and refine the flushing plan. This improved flushing plan is working as desired, it is highly staff intensive. Planned improvements to the water treatment plant as well as to storage and repumping facilities at Ave U Booster Station will reduce the need for such intensive flushing when the projects are complete.

Wellfield Rehabilitation

Of the District's 17 drinking water wells, 12 are currently now in service. To date, 4 wells have been fully repaired, 8 wells are functional but at reduced capacity and 5 remain out of service. The District has two well contractors working to restore full service to the entire wellfield, and is looking to hire a third contractor **Funds for this well rehabilitation project.** Funds for this work are included within the District's approved capital plan.

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. 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 is being kept apprised of the District's issues with the contractor of this project which, of course, are causing completion delay. FDEP understands the issue and is not concerned about the delay because the Agency sees that the District is moving quickly to resolve the issue and restart construction as soon as possible.
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.

- a. Required monitoring and flushing is being conducted, as is the finalization of a workable flushing plan to be submitted to the PBCHD.
- b. The District's Five-Year Improvement Plan has been finalized and is ready for adoption by the Board, along with a resolution from the District Board assuring funding over the life of the plan. This resolution is on the December 19 Agenda for Board consideration. The Consent Order deadline for delivering such a resolution to the Health Department is December 30.
- c. Also on the December 19 Agenda are contracts with mechanical and electrical contractors to assist staff in the repair and replacement of pumps, motors and other electrical and mechanical equipment that is required by the Consent Order to be rehabilitated based on the US Water Assessment Report.
- d. Project construction of the In-Kind Services Project for this Consent Order commenced on December 6. This project involves the installation of 15 dedicated sampling stations within the District's system of 40 sampling locations. is now being constructed. These dedicated stations are being placed in areas where we currently rely on the hose bib of residences or commercial buildings that are subject to contamination from outside influence rather than from the drinking water. It is fully anticipated that the Consent Order project completion deadline of January 18, 2017 will be met.

Future Planned Work

- 1. Completion of PBCHD In-Kind Services project.
- 2. Continuation of water quality monitoring, flushing and reporting.
- 3. Continued work on well repair and rehabilitation.
- 4. Issuance of an engineering task to finalize the structural repair of the North Chemical Building.
- 5. Issuance of an engineering task to finalize the addition of chlorine and a combined chlorine/ammonia analyzer at Ave U Pump Station and Storage Tank.
- 6. Selection of one or more General Consulting Engineers through the CCNA process to assist the District in the planning, design and implementation of required projects.
- 7. Continue to work on priority Issues identified in the Five Year Improvement Plan and to keep the Board informed of obstacles and of progress.