

Charlotte Harbor Water Association

Projects Update for Monthly Board Meeting

August 14, 2018

Presented by:
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Agenda

- Well #6 Replacement/#8 Rehab
- Master Plan Update
- USDA Funding Update
- Deep Injection Well Update

Well No. 6 Replacement and No.8 Rehab Update

- Set the final 17.4-inch Certa-Lok casing at Well 6R last Wednesday at a depth of 157 feet below land surface (bls) and grouted the casing to surface on Wednesday and Thursday last week.
 - Well 6 was backfilled with gravel to 120 feet, inspected by SWFWMD and then grouted to surface
 - Drilling of the open hole is currently at 180 feet bls, and the total proposed depth at Well 6R will be approximately 550 feet bls
 - Once the open hole drilling is done, Applied will do interval development using the drill pipe from the bottom of the hole back up towards the casing
- Well 8 was repaired to fix an air leak at the coupling to the drop pipe and acidized.
 - In addition, Applied added 80 feet of column pipe to Well 8 and improved the pump rate from a pump rate of 270 gpm to up to 530 gpm
 - Working on some ideas to address the sand at Well 8

Master Plan Update

- Phase 1-4 Completed Draft Submitted last week
 - Awaiting final comments for closeout
 - Scope of services for Master Plan essentially complete

USDA Funding Update

- Tetra Tech working on the Application, PER and ER for the ROWTP Expansion and the Distribution System Improvements
 - Johnson Engineering working on Environmental surveys for Distribution System. Tetra Tech will complete the PER
 - Tetra Tech working on the ER and PER at the ROWTP
 - On hold with Elevated Tank Replacement until property is obtained
 - Applications being prepared for a submittal prior to October 31, 2018.

DIW Update

- Water Science Associates met with FDEP
 - Expanding surface water discharge is cumbersome permitting process and is not guaranteed
 - Will require an “Antidegradation Study”
 - Will be issue since previous toxicity issues indicated that the concentrate made up most of the canal flow during certain parts of the year
 - Means that a mixing zone may not be possible which further complicated the permitting process
 - No potential for dilution before having to meet background water standards

Questions?

