

Commonwealth Engineers, Inc.

Progress / Status Report

TO: DCRWD **Report Period:** 7-11-18 thru 7-31-18
FROM: CEI **Client:** DCRWD
DATE: 8-1-18

LAST MONTH ACTIVITIES:

- Attended 7-11-18 DCRWD Meeting
- Presented findings of Draft WWTP PER to DCRWD on 7-11-18
- Presented findings of Draft WWTP PER to LRWD on 7-19-2018
- Received authorization to prepare Westbrook / Royerton Joint PER on 7-11-18
- Received authorization to proceed with Westbrook (CR600W) LS Control Panel upgrades on 7-11-18
- P.O. – 600WBLS issued on 7-19-18
- Preliminary flow study data for Westbrook sewer shed received on 8-1-18

WORK ANTICIPATED NEXT MONTH:

- Coordinate with the District's new rate consultant to determine rate impacts associated with proposed WWTP project
- Obtain final GRW Westbrook flow study memorandum on or before 8-19-18
- Obtain Yorktown collection system mapping
- Ongoing assembly of Westbrook / Royerton PER
- Finalize scope of services for assembly of District Plan
- SRF / IFA early coordination meeting tentatively scheduled for 8-14-18
- Ongoing coordination with District Staff and Vendor for upgrades of Westbrook (CR600W) LS controls

SPECIFIC ACUTE CONCERNS UPDATE:

- Westbrook / Royerton Joint PER
 - Obtained preliminary flow data from GRW on 8-1-18; final memorandum due by 8-19-18
 - Obtain Yorktown collection system mapping for area between Westbrook LS discharge and WWTP
 - Begin assembly of Westbrook / Royerton Preliminary Engineering Report
 - Recommended Royerton solution includes conversion of LS No. 1 to tri-plex pump station and increase pumping capacity to 1,500 GPM; construct 15" gravity relief sewer between MH 1-60 and LS No. 1 wet well; further evaluation for redirecting LS No. 9 flows off LS No. 1; keep existing generator

- Prior recommendation involved extension of 10" LS No. 2 FM to LS No. 1 wet well and increase duplex pumping capacity of LS No. 1 to 1,250 GPM
 - Gravity sewer between MH 1-60 and LS No. 1 would still operating at full capacity under peak wet weather conditions (no room for future flow)
 - Larger pumps unlikely to accommodate low flow range under dry weather conditions (220 GPM +/-)
 - Larger HP motors = increased O&M expenses and larger generator

- WWTP PER (COMPLETE)
 - Draft Report Complete
 - CEI to coordinate with District's new rate consultant with respect to revised project costs and impacts on existing sewer rates
 - Presented to DCRWD on 7-11-2018
 - Presented to LRWD on 7-19-2018
 - Tentative SRF / IFA Early Coordination Meeting on 8-14-18
 - Next step will involve preparation of environmental report and anti-degradation study

- IDEM Compliance Status:
 - IDEM OWQ Enforcement Agreed Order Case No. 2011-19984-W
 - Received IDEM approval of proposed Compliance Plan on May 31, 2018

POTENTIAL ISSUES:

- None