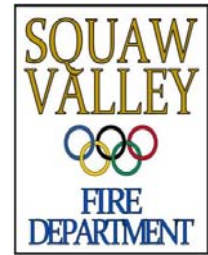




# SQUAW VALLEY PUBLIC SERVICE DISTRICT



## ENGINEERING REPORT

**DATE:** October 25, 2016  
**TO:** District Board Members  
**FROM:** Dave Hunt, District Engineer  
**SUBJECT:** Engineering Report – Information Only

**BACKGROUND:** The following is a discussion of District Engineer activities and brief status reports regarding specific projects that are not the subject of a separate report. This report is formatted to provide new information and recent progress only.

- SVPSD Board Meeting
- Staff workload meeting - weekly
- Monthly Planning Meeting - staff
- General Manager – District Engineer – weekly
- District Engineer – Operations Superintendent - weekly
- Water Management Action Plan Technical Meetings – Interflow Hydrology, staff
- PlumpJack DEIR – GM, DE, Ops Superintendent
- Palisades DEIR – GM, DE
- Village at Squaw Valley Development Agreement - GM, consultants
- Resort at Squaw Creek Phase 2 Water & Sewer Service Agreement 2<sup>nd</sup> Amendment - GM
- Capital Replacement Plan Viewworks Meeting – Northstar CSD, Ben Hoffman
- 22 Bistro Sewer Manhole Replacement – Construction Management
- Squaw Valley North Waterline Replacement – Construction Management
- Capital Replacement Plan (CRP) – staff, Ben Hoffman, Farr West
- OVGMP Quinquennial Review and Report – Hydrometrics WRI ,
- Water Management Action Plan – Interflow Hydrology, OVGMP Technical Review Committee
- Granite Chief HOA “A” Line Sewer Replacement Project
- Truckee River Siphon Inspection – Operations, DE

**Truckee River Siphon Inspection** – A panoramic CCTV inspection was performed on the Truckee River Siphon by Pro Pipe Services on October 4, 2016. Operations and Engineering staff, as well as Alpine Septic and PAC Machines participated in the effort. Pro Pipe

provided the television inspection and will provide a NAASCO analysis of the pipe sometime in October. The existing siphon line was installed in 1977 using mortar lined ductile iron pipe. The pipe appeared to be in fair shape but the inspection highlighted lining failure in the pipeline segment west of the Truckee River. No separated joints or indications of infiltration and inflow were noted. Staff plans to cut a pipe coupon in the area of liner failure to assess the condition of the steel. With the pipe coupon and the panoramic CCTV, staff will make a recommendation as to the timing of replacement/rehabilitation of the siphon.

**Water Management Action Plan** – Work continued on the Water Management Action Plan (WMAP) with a Draft WMAP provided to the OVGMP Technical Review Committee (TRC) for review and comment on October 20, 2016. The objective of the WMAP is to produce a technical memorandum identifying triggers and criteria for the implementation of conservation measures. The technical memorandum will be utilized as a basis for establishing an agreement among valley pumpers to abide by the triggers established and resulting corrective actions. Based on comments reviewed from the TRC, another workshop may be scheduled before the WMAP becomes final. It is anticipated that the WMAP will be complete in early 2017.

**OVGMP Quinquennial Review and Report** - Hydrometrics WRI submitted the first Draft QRR to the District on August 1. Based on comments received from the OVGMP Advisory Group, a second Draft QRR was delivered to the group on October 10. The Final QRR is expected to be completed by Hydrometrics by November 10, 2016 and presented to the OVGMP Implementation Group at the District's regularly schedule Board meeting on November 29, 2016.

**DATE PREPARED:** October 19, 2016