

PUBLIC WORKS BENCHMARKS

Benchmark Item	OCTOBER					
	Totals for the Month			Fiscal* Year-to-Date Totals		
	2018	2017	3-Year Average	2018	2017	3-Year Average
Water Flow (acre-feet)	204	209	197	1,549	1,496	1,530
Wastewater Flow (million gallons)	24	24	25	115	121	120
Fleet Work Orders, PM & CM, % of Total Time	59%	56%	58%	59%	57%	59%
Buildings Work Orders Completed (each)	94	113	102	386	393	430
Customer Service Requests (each)	101	95	105	518	555	530
Backflow Testing (each)	126	139	119	801	977	855
Plan Checking (each)	12	35	20	115	136	118
Trash Complaints (actual call-outs)	4	60	30	16	243	124

*Fiscal year is July 1 through June 30.

MEMORANDUM

TO: Steven J. Pinkerton
General Manager

THROUGH: Joe Pomroy, P.E.
Director of Public Works

FROM: Ronnie Rector
Public Works Contracts Administrator

SUBJECT: Public Works Department's Monthly Status Report for October 2018

DATE: November 15, 2018

DIRECTOR HIGHLIGHTS

Sewer Pumping Station #6, located adjacent to Lake Tahoe in the Rocky Point subdivision, was replaced in October. This new small sewer pumping station is and has been performing very well, with only minor adjustments. We should see a reduction in overtime and call-outs because the original station, installed in 1972, was prone to minor alarms during low flow times in the fall and spring. Next up is to replace a very similar type of sewer pumping station at the end of Crystal Drive in December.

The Utility division completed recruitment of a new pipeline operator, who will start in mid-November. This means that all positions are filled in Treatment, Pipeline, Buildings, Fleet and Utility Administration. There is still one unfilled Engineering position at this time.

The month of October was the 4-week part of the green waste pick-up program in town. No service issues were reported and volume has been reported as lower than the weekly bag counts during the first 12-week pick-up in May-July period.

Water use for the first ten months of the year is still trending 5% higher than 2017, but considerably lower than the peak years in the early 2000s.

WASTE NOT AND TAHOE WATER SUPPLIERS ASSOCIATION

The 2016 IVGID Public Works Sustainability Report is posted online at: <https://www.yourtahoeplace.com/public-works/waste-not/waste-not-programs/sustainability>.

This report features a sustainability metrics evaluation system and documents Public Works program milestones. Energy, water and other resource use records are being input into an EPA Energy Star data tracking and analytics portal in order to build a databank. This databank will assist the development of more detailed sustainability reports in the future for all District venues such as Diamond Peak Ski Resort and IVGID as a whole.

Staff attended 3 different Tahoe Keys Integrated Weeds Management Plan Workgroup meetings this month. This effort is being led by TRPA with professional facilitation services by Zephyr Collaboration. The stakeholder assessment was conducted and report issued, coalescing the issues surrounding this project (Tahoe Keys Request for Exemption Application for the use of herbicides submitted to the Lahontan Regional Water Quality Control Board).

Staff has been heavily engaged in the production of the TWSA 2018 Watershed Control Program Annual Report since August 2018. Staff monitored the TRPA Shorezone Coordination Meeting.

UTILITIES HIGHLIGHTS

October saw 66.6 million gallons of water produced, and 24 million gallons of waste water processed. Alpine Septic delivered 15,000 gallons of septage to the treatment plant, and 113.5 tons of biosolids were trucked to Bentley. Staff responded to 8 overtime call-outs. Three new ARVs were installed along the effluent export line and the emergency generator day tank at the WRRF was replaced.

Staff needed to swap aeration basins at the WRRF in one workday, moving the activated sludge from the north side to the south. Look closely at the photo – two portable pumps got the job done in record time.

The crew provided to Mammoth Mountain's public works staff of IVGID's solids handling systems.

Dan Liggett was promoted to a Grade 2 Operator, Bob Olsen was promoted to a Grade 3 Operator, and Kristine Lebo passed her Lab II exam this month; huge accomplishments for all. Training for the month included a Gung Ho refresher and safety meetings, and all hands were on deck for the SPS-1 emergency bypass test.



Our GIS person continues to work on integration of the utility billing software and backflow databases into NEXGEN, and made significant updates this month to the Lake Tahoe School site as a result of the construction there.

Staff attended the annual Public Works Golf Day. This year we were joined by the Ski team, and all enjoyed an excellent BBQ lunch at the Chateau beforehand.

ENGINEERING HIGHLIGHTS

The Engineering Division is working on several CIP projects, including:

Diamond Peak CMP Culvert Replacement Project: This project replaced the original corrugated metal culverts (CMP) that ran under Diamond Peak's Schoolhouse and Lodgepole runs. This very successful project has reached substantial completion. Schoolhouse has been regraded and improved, pavement has been extended to provide additional parking, and Ski staff is now happily making snow.

Q&D Construction Contract Status:

Original Contract Amount	Change Orders to Date	Current Total Contract Amount	Total Payments for Work Completed to Date	Current Balance to Completion (including retainage)
\$3,792,459	\$0	\$3,792,459	\$3,091,802	\$700,657

Sewer Pump Station 11 Replacement Project – This project will replace the > 40-year-old sewer pump station located at the base of Crystal Drive. We anticipate delivery of the new packaged pump station in early December and believe installation can be completed by our Public Works team.

Other contracts issued in October were:

Date	Vendor	Project CIP & Name	Amount
10/2/18	Birdseye Construction	A.V. Building downstairs kitchen/restroom remodel	\$24,783
10/23/18	San Joaquin Electric	BCWDP Improvements, VFD replacement	\$53,400

Additionally, the Engineering Division is overseeing a number of projects in the construction, bidding, design and planning phases, including: Replacement of

condensing units 2 and 4, parking lot lighting fixes, and upgrades to the patio deck, stairs and railings at the Recreation Center; Tennis Center renovations; District-wide pavement maintenance projects, including golf cart paths; installation of new variable frequency drives at the BCWDP; Burnt Cedar pool condition assessments; Mountain Golf Course ADA site work, and kitchen rebuild; maintenance projects along the Effluent Export Line; water reservoir safety improvements; and maintenance and upgrade projects at the WRRF, BCWDP and District water and sewer pumping stations.

BUILDINGS HIGHLIGHTS

The Buildings team welcomed new employee Freddie Zosel, since Andy Haney was pirated away by Engineering.

FLEET HIGHLIGHTS

While keeping an eye out for snow, the Fleet team prepared snow chains and sanding equipment. They are also preparing the large fleet of Golf equipment for a well-deserved winter break.

BUSINESS OFFICE HIGHLIGHTS

The Business Office notified 59 accounts of delinquency and 352 property owners of a possible water leak, and updated ownership information for 21 properties. Of the 4,588 accounts billed monthly, 1,183 now receive their bills online.

Contract administration and administrative support for the month included those projects listed in Engineering's report, above, and support for capital improvement projects underway throughout the District. All memberships to CWEA have been synced to renew at the same time each year, which will save time. Staff acquired and trained on Microsoft Project software to support Engineering in their efforts to keep all projects on task.