MEMORANDUM

TO: Indra Winquest  
Acting Interim 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 August, 2019

DATE: September 15, 2019

DIRECTOR HIGHLIGHTS

Lake Tahoe stills sits very full and we are also surprised at the high flow rates of the local creeks. Incline Creek is flowing at almost twice its historical average. This is only a minor concern with the start of the Incline Creek Restoration project. The flows continue to trend downward and are manageable with the bypass equipment to allow for a successful project.

The water resource recovery facility is changing from the high summer flow operation to the low flow fall operation by taking tanks offline, cleaning them and performing all maintenance activities so they will be ready to put back in service for the peak holidays in December. Staff is also getting ready to install a new polymer delivery system to replace equipment installed in 2003. Polymer is used to facilitate dewatering biosolids, so that it can be efficiently managed and hauled to Bently Agrodyamics for reuse.

Pipeline has received the new Vac-Con vacuum excavation vehicle that was approved by the Board last December. Now will begin the intensive learning process of a new truck brand after being on Vactor trucks for the last 18 years.

Waste Management has already completed one of the new Franchise Agreement amendments. They have retrofitted all metal top dumpsters with a bar locking closure. The new enhanced wildlife dumpsters, manufactured by Bear Guardian with a more user-friendly chute for dumping garbage, have been ordered. The goal is to keep one as a display model for customers to test drive prior to ordering.

WASTE NOT AND TAHOE WATER SUPPLIERS ASSOCIATION

Staff ended the use of CEAR as our e-waste haul and processing vendor, and facilitated new service with a Reno vendor, Intelligent Lifecycle Solutions. This change will result in:

1. The materials being recycled regionally in Nevada.
2. We will see lower costs overall for our e-waste program disposal fees, with an anticipated annual cost savings in the $8,000-$12,000 range.

3. Staff will no longer be required to drive e-waste to NV Recycling in Carson City, where certain items were taken for upcycle repair.

4. Microwaves will again be acceptable for recycling.

Staff has been corresponding with Nevada Energy representatives on renewable energy options for Diamond Peak. These options include essentially purchasing existing renewable energy credits or tying into a new system of specific renewable energy projects and might be combined with incentives for electricity efficiency measures and battery-storage.

**STAFF HIGHLIGHTS**

We are happy to report that Nate Chorey, formerly with Auerbach Engineering, has joined the Public Works team as our new Engineering Manager.

Training for the month included the annual Tri-State Conference, Safety Week, supervisor training, safety meetings and the District-required email phishing training.

**UTILITIES HIGHLIGHTS**

Work at the Wetlands facility included use of this massive excavator, with a 6-foot-wide bucket, to clean out the ditches between ponds. This work will improve evaporation and circulation of effluent throughout the system. Staff spent 105 man hours at the Wetlands, clearing ditches and mowing vegetation.

Staff responded to 12 overtime callouts for a total of 15 hours. Scheduled work included annual meter testing, hydroflushing and drain cleaning.

**ENGINEERING HIGHLIGHTS**

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

**ADA Access to On-Course Restrooms**: This project revised two paved cart paths to provide golf cart and ADA access to restrooms at the Mountain Golf Course. Work is complete and we are processing final payment to the contractor, Colbre Paving.
Incline Park Facility Renovations: This project will bring substantial upgrades to Ballfield #3, located within Incline Park near the Middle School. Work was awarded to RaPiD Construction and is well underway. The contractor has prepared and poured footings for the new dugouts and outfield fencing, installed infield subdrains, and infield grading is almost complete.

Repairs to the Recreation Center Deck, Stairs and Railings: This project was awarded to Bruce Purves Construction. Work is complete and contractor has been paid in full.

Incline Creek Phase VI – Upstream of SR 28: This project was awarded to Aspen Developers, who have started the bridge submittal process. Construction prior to bridge install, including BMPs, creek diversion and bridge abutments, is scheduled for September. Bridge installation is anticipated in mid-October.

Water Reservoir Safety and Security Improvements: This project was awarded to Resource Development Company, and will add safety and security improvements to the District’s potable water reservoirs. The contractor is working up shop drawings and submittals prior to starting work on site.

Mountain Golf Clubhouse Restoration: This project was awarded to Houston Smith Construction. Contractor has obtained all bonding and insurance requirements, and the pre-construction meeting has been scheduled. Work will begin on September 16, after the Mountain Course closes early for the season.

WPS 2-1 Electrical Improvements: This project was awarded to San Joaquin Electric on August 27, and the pre-construction meeting is scheduled for September 9.

The following additional Public Works contracts were issued in August:

<table>
<thead>
<tr>
<th>Date</th>
<th>Vendor</th>
<th>Project CIP &amp; Name</th>
<th>Amount</th>
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<tbody>
<tr>
<td>8/28/19</td>
<td>Houston Smith Constr.</td>
<td>Mtn. Course Clubhouse</td>
<td>$1,006,000</td>
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The Engineering Division is also overseeing a number of projects in the construction, bidding, design and planning phases, including (but not limited to): WRRF Aeration System improvements; SPS 1 Improvements; Tennis Center renovations; roof repair projects at Mountain Golf; Phase II of the Bike Park; District pavement maintenance; and maintenance and upgrade projects at the WRRF and BCWDP.

**BUSINESS OFFICE HIGHLIGHTS**

The Business Office notified 62 accounts of delinquency, 368 property owners of a possible water leak, issued almost $300 in leak relief credits, and updated ownership
information for 23 properties. One account was shut off and one remains shut off for non-pay.

Contract administration and administrative support for the month included those projects listed in the various division reports, above, bid opening for the WPS 2-1 Project, assisting with updating the SSMP, and support for other CIPs underway throughout the District.