with Colorado Springs Utilities agreements with Pueblo County regarding Utilities' 1041 permit. The permit will allow use of the Southern Delivery System to transport stored water between the reservoir and Colorado Springs. Consultant firm Leonard Rice Engineers is representing Donala in this matter.

## Monument Creek monitoring update

Duthie said that the Colorado Department of Public Health and Environment was still asking for discharge permit arsenic limits of 0.02 micrograms per liter  $(\mu g/l)$  and fish flesh limits of 3.0 μg/l. However, the EPA wants a fish flesh limit of 2.0 µg/l. Neither set of limits is technically or economically feasible for the Upper Monument Creek Regional Wastewater Treatment Facility, nor the neighboring Tri-Lakes Wastewater Treatment Facility or the Academy Water and Sanitation District lagoon system.

Groundwater sampling is being conducted by Donala and Triview at all well heads, water treatment plant distribution points and backwash points, and the connection to Utilities' supply of potable water. Donala and Triview are also sampling their wastewater influent vaults, effluent, reuse water, and sludge.

The arsenic limits for human drinking water consumption are 10 times more lenient than stream water limits for fish that may be eaten by humans.

The regional wastewater monitoring group being formed by engineering consultant firm Brown and Caldwell to perform sampling in Monument Creek and Fountain Creek has a deadline of March 2013 to initiate coordinated stream monitoring, regarding sampling points, frequencies, and parameters, throughout the watershed to meet new Control Regulation 85 nutrient limits.

New stakeholder workgroup meetings are now being held regarding discharger specific variances, the new listing methodology procedures for designating impaired stream segments, and nutrient data sampling methodology

Triview paid Donala for nine new taps in August and one new tap in September. This money is used to pay off Donala's loan to Triview for expansion of the Upper Monument treatment plant.

## Operational projects status

The contractor has pulled out the pump heads for the Jessie and Latrobe pump stations for sand-blasting and epoxy coatings. This work should be completed in early November.

The Baptist Road pipeline installation has been completed. Some seeding and other land-scaping cleanup will be completed soon.

Work has begun on the design of the higher capacity pipelines for Jessie and Latrobe pump stations to pump more water from Pueblo and Colorado Springs uphill, as it becomes

available, to the water treatment plant.

The Tri-State Generation and Transmission Association and Mountain View Electric Association have announced that they will be cancelling the "power partner" cost-saving program. During peak power demands, Donala's water treatment plant and the Upper Monument Creek plant have been switching to internal emergency electric generators to provide electricity to avoid paying much higher peak demand rates, saving about \$30,000 a year. The power partner program cancellation will cause Mountain View power costs to increase about 63 percent for the wastewater plant and about 31 percent for the water treatment plant.

Planned installation of power correction factor equipment that would improve the efficiency of the district's electrical equipment during peak power demands has been placed on hold to determine how much savings the equipment can produce under the new Mountain View power supply rates.

Duthie noted that a new EPA air quality rule will require exhaust gas scrubbers to be installed at a cost of about \$170,000 per diesel generator, an amount that exceeds the cost of Donala's new generator. The EPA has also set a new maximum limit on diesel-powered emergency generator operation of 150 hours per year. If emergency generators are used less than 150 hours, an alternative cheaper scrubber may be used, but the EPA has not issued any information about requirements and specifications for emergency generator. Under the power partner program, Donala operated its generators about 170 hours per year.

The wastewater plant blowers have been adjusted by a consultant electrician to reduce the number of times they trip off line when switching between

Mountain View and the emergency generators. If the district's generators are used less often in the future due to the cancellation of the power partner program, this tripping problem should also be reduced.

The re-bid from Rocky Mountain Cummins for the district's standby generators was lower but specification issues still have not yet been resolved.

New, much lower bids have been received for capital upgrades to the wastewater plant's sludge press. Engineering consultant GMS is working with the contractors to determine final total costs, including installation, for each bid. Once this information becomes available, the district can determine whether to include the construction in the 2013 budget. The current low bid is about \$23,000. The new design will allow the sludge conveyor belt to swing back and forth,





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