

Plant manager's report

Burks noted that the plant had been running efficiently and that there were no unusual test results in the February Discharge Monitoring Report.

The average copper concentration was 9.3 micrograms per liter (µg/l) with a daily maximum reading of 9.6 µg/l. The current three-year temporary modification to the Tri-Lakes facility discharge permit increases the copper limit for the 30-day average sample reading to 24.8 µg/l and the peak monthly copper sample reading to 36.4 µg/l. However, Burks has applied for a new five-year permit at the request of the division, which is expected to be issued before the current temporary permit modification expires. The expected copper limits in the new permit are lower than these temporary mod copper limits but still significantly higher than the March

test sample results – 16.0 µg/l for the 30-day average sample reading and 25.0 µg/l for the maximum. .

Biosolids were removed at a rate of 98 percent and total suspended solids were removed at a rate of 97 percent. The plant removed an average of 2,513 pounds of biosolids per day and treated an average flow of 1.05 million gallons per day.

The daily maximum for total inorganic nitrogen (TIN) in the discharge monitoring report was 3.2 mg/l. The effluent TIN concentration in the monthly Control Regulation 85 grab sample report was 2.33 mg/l. The Control Regulation 85 limit for TIN is 15 mg/l.

The total phosphorus (TP) concentration in the monthly Control Regulation 85 grab sample report was 4.2 mg/l, higher than the 1.0 mg/l TP sample limit that will be imposed on the facility by Reg. 85 after

the new TP removal equipment is installed and certified by the Water Quality Control Division.

Note: EPA Region 8 has verbally advised the division that it will likely disapprove the state's interim values in Regulation 31.17 that go into effect in 2022 for total phosphorus (0.70 milligrams per liter) and total nitrogen (2.01 mg/l) that will be put in force in 2022 by state water quality Regulation 31.17. The EPA has stated that it would prefer that the state immediately approve its warm water nutrient discharge permit criteria—0.067 ppm for TP and 0.88 ppm for TN—but has not yet made these criteria a national federal discharge permit requirement or a mandate on the state. Neither of these EPA nutrient criteria can be achieved by any existing activated sludge technology like that installed in the Tri-Lakes facility. Preliminary cost estimates for meeting these limits would require a \$30 million addition to the \$6 million Tri-Lakes treatment plant.

Burks said he had submitted all Reg. 85 data for 2013 to the Colorado Data Sharing Network on April 7 and would be submitting this data to the Water Quality Control Division after this meeting adjourned. He added that filling out the voluminous spreadsheet required by the division would be much simpler now that

the process has been finalized.

Burks also noted that the increased use of low-flow toilets is causing higher concentrations of biosolids due to lower average wastewater flows from new homes. Wicklund noted that lower water flows may begin to result in blocked homeowner service lines between the toilet and the district's collection systems, ironically requiring customers to flush their toilets twice to ensure that solids flow all the way to the collection lines.

Burks stated that the Town of Monument will need six to nine months to get a permit to remove sediment from the Monument Creek streambed while straightening the creek and performing stream bank rehabilitation below the Monument Lake Dam. No analysis was made of the sediment that was recently removed from the toe drains of the dam. Sedimentation is now a high interest item for the state's 303(d) list of impaired streams.

The meeting adjourned at 11:05 a.m.

The next meeting will be held at 10 a.m. on May 13 at the Tri-Lakes facility's conference room, 16510 Mitchell Ave. Meetings are normally held on the second Tuesday of the month. Information for these meetings is available at 481-4053.

Jim Kendrick can be reached at jimkendrick@ocn.me.

Monument Sanitation District, April 17

Outgoing directors' service recognized

By Jim Kendrick

District Manager Michael Wicklund presented the district's traditional "parting gift" to two outgoing term-limited Monument Sanitation Board directors, Kristi Schutz and Chuck Robinove—model outhouses crafted by former district Director Darwin Dimmick. Two new directors, Gene Kreft and Matt Vincent, will be sworn in at the next board meeting on May 15. They were elected by acclamation when the number of candidates equaled the number of empty seats.

A third director, Terry Madison, who was recently appointed to the board, will also be sworn in for her first full term on May 15.

Treasurer's report

Wicklund noted an expense of \$1,132 for new computers and supporting equipment and software that will be able to monitor all the district's collection system moni-

toring systems. The district's accounting software will also be upgraded to match new IRS and state tax tables.

Wicklund also noted the receipt of \$5,500 in commercial tap fees, bringing the total to date for 2014 to \$9,150.

The amount budgeted for 2014 is \$50,000. Total cash on hand was \$795,302, which will be used in large part to pay the district's share of capital costs for the \$2.08 million phosphate treatment expansion and a new storage building at the Tri-Lakes Wastewater Treatment Facility. The facility received two grants from the state for a total of \$1.08 million.

Joint Use Committee update

Don Smith will represent the district at the next Tri-Lakes Wastewater Treatment Facility's Joint Use Committee (JUC) as the district's current primary alternate representative. A new primary representative will need to be appointed at the district's

MONUMENTAL MICRODERM & Aesthetics at the loft

Trina Shook, RN
Aesthetic Nurse Consultant

May Mother's Day Special!

- 1 IPL Photo Facial
- 2 Chemical Peels
- 3 Microdermabrasions

Purchase package for \$530; get Lytera Skin Brightener and Sunscreen FREE! (\$175 value)

4 Highway 105 in Palmer Lake (above Bella Panini) 719.271.0999

monumentalmicroderm.com

Free TRI-LAKES CHURCH OF CHRIST Free

Presents Our 2014 Vacation Bible School

Monday, June 16 - Thursday, June 19
6:30 - 8:30 pm

- ~ Stories
- ~ Puppets
- ~ Crafts
- ~ Singing
- ~ Snacks
- ~ Celebration for the Whole Family on Thursday Night

WEIRD ANIMALS
Where Jesus' Love Is One-of-a-Kind

Classes for ALL Ages (Nursery to Adults)

Registration:
<https://www.groupvbspro.com/vbs/ez/trilakeschurchvbs>

County Line Rd 125
X Beacon Lite

20450 Beacon Lite Road, Monument, CO 80132
(corner of Beacon Lite & County Line Road)
719-488-9613 www.trilakeschurch.org gregsmith@trilakeschurch.org

We sell for YOU on the WORLD'S LARGEST auction site!

FREE eBay research! FREE professional photographs! EXPERIENCE you can count on!

We do it all! Serving the Tri-Lakes area for over 10 years!

eBay PowerSeller

Over 20,000+ Positive Feedbacks!

The Blue Sage Merchant
251 Front St #11, Historic Monument, 488-1822
Mon – Fri 10:00 – 5:00, Sat 10:00 – 3:00 or by Appointment
www.stores.ebay.com/thebluesagemerchant