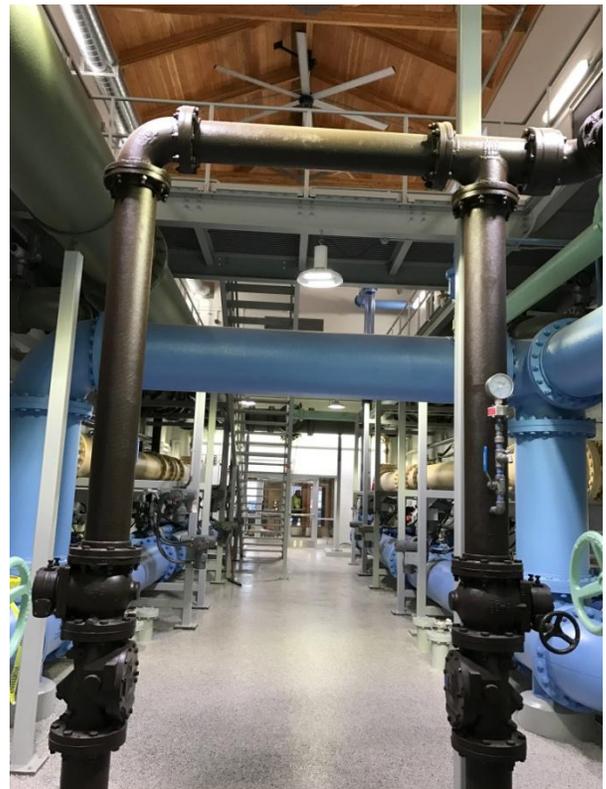


TO: MAYOR, CITY COUNCIL AND CITY MANAGER
FROM: TOM WESOLOWS, CITY ENGINEER
DATE: DECEMBER 15, 2016
SUBJ: PUBLIC WORKS MONTHLY REPORT

WATER TREATMENT PLANT



The project that started in December of 2013 has come to fruition. Some minor items remain to be completed, but the majority of the project work is done and the water treatment plant is operating and has been treating water since October 31st. The plant is operating as designed and is removing iron and manganese below the secondary drinking water standards of 0.3mg/l for iron and 0.05mg/l for manganese. The level of manganese in the raw water is currently averaging at 0.17mg/l and after treatment is reduced to 0.01mg/l. The level of iron in the raw water is currently averaging 0.20mg/l and after treatment is reduced to 0.00mg/l. The water is also remaining stable out in the distribution system and chlorine residuals are consistent.



ENVIRONMENTAL SERVICES

Wildlife Management

The Victoria Valley Orchard bowhunt is ongoing. As of December 13th, no deer have been harvested. This annual hunt is part of a City effort to lower the concentration of deer in the area with the goal of reducing property damage and vehicle collisions. The hunt will continue through December 31st (except on December 24th and 25th).

MAINTENANCE ACTIVITIES

Crews have worked together on three full crew plowing events. There have been a couple lighter snow fall events where anti-icing and or de-icing has been necessary. After each event plows and equipment are inspected, repaired, cleaned and prepared for the next event. Crews repaired a few mailboxes and repaired sod damage after the first plowing event. Jamie Meyer, Mike Coyle, Dave Thury and Austin Klooz attended a defensive driving course for snow plow drivers.

Street crews have begun trimming boulevard trees and chipping up brush along the trail system. They are repairing and replacing street signs as needed. Crews have cleaned up the back yard and hauled away waste material from maintenance activities. They cleaned and re-arranged the salt shed and storage areas. After the first snow event crews cleaned and opened catch basins along the streets to ensure continued, proper drainage.

Utility crews inspect and maintain wells and lift stations daily. They continue to collect water samples and analyze samples as required by the MDH. Each day crews respond to location requests by marking underground utilities in proposed excavation areas. Crews continue jetting/cleaning sanitary sewer lines and have been televising lines with the new camera truck.

Utility crews have been going through extensive training on the new water treatment plant. They are going through operations training, and training on the new water sampling/testing equipment. As time has allowed they are inspecting manholes and repairing valves as necessary.

The Department of Corrections crew continues cleaning the Maintenance Facility twice a week. They have been busy trimming trees in parks and along the trail system. They have been cleaning around the maintenance center and cutting back summer plantings. They completed painting all the boards around the City's outdoor ice hockey rinks.

PROJECT UPDATES

Water Treatment Plant – Project 14-02 – The water treatment plant is on line and treated water is being supplied to all areas of Shoreview. The contractor is concentrating on finishing the interior work in the water treatment plant and booster station.

Relocation of Water Main – I694 3rd Lane – Project 15-10 – A majority of the work is complete, the water main is in service, and only punch list items remain. The punch list items will be completed in the spring of 2017.

Bucher Lift Station – Project 15-13 – The lift station and piping are installed and the disturbed areas have been restored. The installation of the electrical service and control panel will be completed in the next few weeks. It is expected the lift station will be operational by the end of December.

Virginia/Dennison/Lilac Reconstruction – Project 16-01 – All of the work is complete and only punch list items remain, which will be completed in the spring of 2017.

Grand Avenue Reconstruction & Extension – Project 16-02 – All of the work is complete and only punch list items remain, which will be completed in the spring of 2017.

Gramsie Road Rehabilitation – Project 16-05 – The contractor completed the work to raise the road through the flooded area and the road is now open to traffic. The work that was completed to raise the road is temporary. The final design for the permanent road section will be completed this winter and the construction will be completed in the spring or summer of 2017, after the water level recedes from the road and adjacent right of way. The additional costs required for the permanent road section will be determined during the final design and presented to the City Council for consideration in 2017.

Rustic/Colleen/Dawn Reconstruction – Project 17-01 – City staff is currently working on the feasibility report and associated preliminary design for the project. A second resident information meeting will held in January to provide residents an opportunity to view preliminary plans and provide comment. It is expected the feasibility report will be presented to the City Council in February.