

TO: MAYOR, CITY COUNCIL AND CITY MANAGER
FROM: MARK MALONEY, PUBLIC WORKS DIRECTOR
DATE: MAY 16, 2019
SUBJ: PUBLIC WORKS MONTHLY REPORT

**SHOREVIEW WINS LEAGUE OF MINNESOTA CITIES
SUSTAINABLE CITY AWARD FOR 2019!**



Every year the League of Minnesota Cities presents one municipality in the state with the Sustainable City Award. The award is presented annually to recognize sustainability efforts by a city among those participating in the Minnesota GreenStep Cities program. This year Shoreview won that award and will be recognized for efforts with the WaterSmart program and other water conservation efforts. Winners of this award must submit an application describing a city program that improves the general quality of a city service, develops an efficient or innovative approach to solving a common problem, and that helps the city advance sustainability efforts. The WaterSmart program and other conservation initiatives in Shoreview certainly accomplish those goals, as was presented in the application. The League agreed with staff's application and awarded the city first place in the sustainability category on Monday, May 13. The League will be sending their videographer to Shoreview in June to film a short promotional video on the city's water conservation efforts. That video will be aired prior to the award announcement at the 2019 conference.

In addition to the Sustainable City award, Shoreview will also be advancing to Step 5 in the GreenStep Cities program this year. In order to achieve Step 5 designation, a municipality must show improvement across several reporting metrics in the GreenStep program. Shoreview improved on more metrics than were required and was able to achieve Step 5 this year. In order to keep that designation, the city must continue to improve the required number of metrics each year. If improvement is not accomplished, the city would drop back down to Step 4. The GreenStep Step 5 award will also be presented at the League of Minnesota Cities Conference in Duluth in June. The Natural Resources Coordinator, Ellen Brenna, will be accepting both awards at the conference on behalf of the Public Works Department.



Minnesota
GreenStep Cities

ENVIRONMENTAL SERVICES

Environmental Quality Committee (EQC)

The final speaker of the 2019 EQC Speaker Series took place on Wednesday, May 25. Joanna Stone and Lynn Hoffman from Eureka Recycling spoke at 7pm in Council Chambers on the current issues with recycling in the country as well as what actually happens to the recycling collected here in Shoreview. The event was somewhat well attended, with around 15 people in Chambers, but the smaller group had a large amount of really great questions and the recycling discussion amongst the group was beneficial to all and very well received. The EQC is now focusing on their 2019 Green Community Award program. Applications for those awards are due in early July and winners will be recognized at a City Council meeting in September.

Forestry

The city's two forestry interns started this month. Maria and Olivia both have backgrounds in biology and are excited to be helping the city out this summer! Between the two of them, they plan to treat around 400 ash, both residential and park trees. Also, the tree sale wrapped up at the end of April, with many residents placing orders this spring. Over 50 orders were placed, making this year's sale the biggest in the last two years. Trees will be delivered to residents May 22 and 23. The Natural Resources Coordinator and the interns will then be planting some trees as replacement for those removed during the 2018 city street project.

Recycling

Spring Cleanup Day is Saturday May 18. The event is fully staffed and everyone involved is preparing for very wet weather. The spring event is always a busy one, with over 700 vehicles attending in the past. The city's contractor, Eureka Recycling, has been making changes to their efforts after each event in an attempt to help the day run smoothly. This year they are focusing several staff at the start of the disposal area to deal with bottlenecking and are handing out materials to help residents know where to put what they brought. Staff will also be helping with traffic control as several National Guard events will be occurring at the adjacent facility at the same time.

Stormwater

The Minnesota Pollution Control Agency (MPCA) is doing a routine audit of Shoreview's stormwater program. This includes the city's education and outreach efforts, construction site plan review, erosion control and BMP inspections, illicit discharge, enforcement, follow up, training, and good housekeeping. It's a very big undertaking and staff has been working diligently to provide materials for the 50 item checklist the MPCA requested prior to the audit. Examples of checklist request include things such as all the inspection reports for city systems and construction erosion control inspections in the past year, any enforcement actions taken by the city in the past two years, and a full review of stormwater related sections of the City Code. The audit itself will take place on June 5 and will include several field trips to different sites in Shoreview relevant to stormwater.

MAINTENANCE ACTIVITIES

All maintenance crews as well as engineering personnel attended a Work Zone Traffic Control Workshop. Each division has been cleaning and inspecting winter equipment and storing that equipment for the summer. They have also been inspecting and preparing spring and summer equipment for its seasonal use.

Over the past month the Utility Division work program included:

- Each day Utility personnel inspect all the wells, lift stations, water towers, the booster station and the water treatment plant. Regular/routine scheduled maintenance is performed and any necessary repairs are completed as needed.
- Utility crews respond to location requests by marking underground City utilities in proposed excavation areas.
- Drinking water samples were collected and analyzed as required by the Minnesota Department of Health.
- Over the past 10 weeks 5 members of the Utility crew attended an evening class for water operators. At the end of the 10 week session they were given an opportunity to test for a water operator's certificate. The newest member of the utility crew, Marc Baldwin tested and passed his entry level Class D certificate. The others went for advanced certificates. Jason Ewell and Mike Coyle both received their Class C certificate and Jamie Meyer received his Class B certificate.
- All of the City's approximately 10,000 water meters are read every month. It takes one person approximately one week to drive the streets to collect all the water meter reads through radio transmission. That data is use for water billing statement as well as the WaterSmart customer portal.
- Spring flushing began on April 29 and was completed May 16. Before the addition of the water treatment plant it would take 15 to 20 minutes of flushing a hydrant before the water would clear up. Since the addition of the water treatment plant it takes on average 5 minutes of flushing at each hydrant to clear the water. While some residual iron and manganese remains in the system (and occasionally finds a way to a customer's tap) we anticipate that much less of it will be noticed in the future.
- While time permits, crews are inspecting manholes, covers and structures and are also televising and flushing segments of the sanitary sewer system.
- Utility crews continue jetting sanitary sewer segments in accordance with general routine maintenance. The goal is to complete at least a third of the City per year.
- They have been repairing hydrants and replacing hydrant flags as necessary.

The Street Division work program for the last month included:

- Cleaning and opening catch basins. This included jetting/clearing obstructed storm mains.
- The emergency pump at Gramsie Rd is closely monitored and inspected and refueled as needed.
- Street sweeping continues as time and resources allow. All streets throughout the City have been swept at least once. The second round of street sweeping has begun and crews will be sweeping as often as possible.

- Street crews also completed spring sweeping of all the trails.
- Crews have been completing mailbox repairs and sign repairs.
- They have been spot patching potholes and now have moved onto some larger patching areas requiring milling and patching.
- Annual load limits for City streets went into effect and have since been lifted. Crews hung weight restriction signs at each street and removed the signs once load limits were lifted.

The Department of Corrections crew continues to clean the Maintenance Center and its grounds twice a week. The crew completed spring sod repairs throughout the City. They were trimming along trails and removing designated dead trees. They have been working with the Parks Department, cleaning along Highway 96, cleaning and picking up leaves throughout the city parks.

PROJECT UPDATES

Rice Creek Fields Stormwater Reuse – Project 17-06 – The start-up and training of the equipment and final restoration of the project area is expected to be completed in the next few weeks.

Bridge/Lion/Arner/Dale Reconstruction – Project 18-01 – The remaining items including restoration of the area around the sidewalk on Dale Street and punch list is expected to be completed in the next few weeks.

2018 Street Rehabilitation – Project 18-02 – The remaining items including the concrete sidewalk along Kent Street, between Harriet Avenue and Owasso Street North and punch list is expected to be completed by mid-June.

Dale Court N & S Water Main Extension – Project 18-03 – All of the work for the project is complete.

2019 Street Rehabilitation – Project 19-02 – The contractor has moved on site and is starting work on the streets west of Fernwood Street. Work includes replacement of concrete curb & gutter in various locations, rehabilitation of stormwater catch basins, replacement of pedestrian ramps, and rehabilitation of the asphalt street. It is expected the work shall take 5-6-weeks to complete. Once the work is complete in that area, the contractor will move to the streets east of Fernwood. The contractor has also started the installation of temporary water connections to the properties that will be affected by the replacement of the water main on Chandler Road between North Owasso Boulevard and Harriet Avenue. Once the temporary water is complete work will start on the replacement of the water main. It is expected the work shall take 3-4-weeks to complete.

Wabasso Neighborhood Reconstruction – Project 19-01 – The Council awarded the project to the low bidder and a preconstruction conference will be held on May 20. It is expected the work in the neighborhood will begin in late May/early June.

County Road E Trail – Project 19-03 – The project has been advertised for bidding and bids will be opened on June 13 at 10am.

St. Albans Court Water Main Extension – Project 19-04 –The installation of the water main and associated restoration of the roadway and disturbed areas will be included with the Wabasso Neighborhood Reconstruction project. The Council awarded the project to the low bidder and a preconstruction conference will be held on May 20. It is expected the work in the neighborhood will begin in late May/early June.

County Road E Water Main Extension – Project 19-05 – The water main installation will be included with the County Road E Trail project. The project has been advertised for bidding and bids will be opened on June 13 at 10am.

Schutta Road Sewer Improvements – Project 19-06 – The project was awarded to the low bidder and work is expected to start in June.

North Owasso Blvd Reconstruction – Project 19-07 – The City’s Consultant is currently completing the final plans and specifications for the project. It is expected approval of the plans and specifications and ordering the taking of bids will be presented to the Council for consideration at one of the June Council meetings.

2019 Street Light Replacement – Project 19-08 – The City’s consultant is currently completing the final plans and specifications for the project. It is expected approval of the plans and specifications and ordering the taking of bids will be presented to the Council for consideration at one of the June Council meetings.

2019 Sanitary Sewer Rehabilitation – Project 19-09 – Authorize to award a construction contract will be presented to the Council for consideration at the May 20 meeting. If the contract is awarded, a preconstruction meeting will be scheduled with the contractor and a schedule for the work will be determined.

Suzanne/Gramsie Stormwater Improvements – Project 20-01 – The City’s consultant currently collecting data and working on the preliminary design for the project.

Maintenance Solar Array Project – Ideal Energy staff has been working with City staff on schedule and logistics for material delivery and installation. It is expected installation of the solar equipment will begin in the spring of 2019.

REGULAR COUNCIL MEETING
MAY 20, 2019