

OPERATIONS REPORT – Burlington Junction

July 13th 2021

City of Burlington
Junction

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Mayor Dean Kelly
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Utility1- Skyeler
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Sectary/Clerk
Melissa Cook
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Office Hours
Mon-Fri
8am-12pm

Water Treatment

- Water treatment system is running well.
- Iron and Manganese readings are consistantly low.
- Plants running average of 12 hours a day.
- Water usage has slowed down considerably have turn down the plant to 100gallons a min and we will start maintance on filters within next few weeks.

Distribution System

- All water meters read
- Replaced 5 meters
- Two meter leaking 40,000 gallons lost on customers side.
- 3 of the new meters stopped working.
- Looping water line from MFA to Clevend

Wastewater / Sewer

- No Flow
- Got 2 out the 3 main valves working
- Cell 1 and 2 shut down and treated for allgie.
- Teleconfrence with DNR July 27th 1pm

Montly Training

- Water Treatment

Streets/Parks

- Aspualted valleybrook to ballard street east and west from 1st to 9th
- Tore up and rebuilt 6th street between Clarinda and Caldwell, tore up several spot on 3rd, 4th, 5th and repaired, 1st and claridna street repaired.
- Prepared for Tractor pull.
- Mowing
- Skidsteer is being looked at both seals on the drive motors are leaking, to replace the motors \$5500 (\$11,000 for both) Byron Clark order seal with were ruffly \$150, we will try that and see if it fixes the problem.

Regulatory

- Bacteriological samples were taken and submitted.
- Results were coliform absent, all samples considered safe.

Concerns for the Month

- Skidsteer

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- Lagoon Project

Positives for the Month

- Water Treatment facility is operating very well.
- Valves working at lagoon
- Street work is coming along well.

WATER QUALITY SAMPLING SUMMARY

Bacteriological Samples	ROUTINE	SPECIAL	REPLACEMENT	REPEAT
	5	0	0	0

Free Chlorine	MONTHLYAVG.	MAXIMUM	MINIMUM
	mg/l	2.75	1.67

TOTAL METERS	TOTAL ACTIVE READS	% COMPLETED	REREADS	ESTIMATES
266	245	100	0	0

MASTER METER

DESCRIPTION	Report Period May 2021	Reported Period June 2021	
METERED GALLONS PRODUCED	958876	1,222,075	
METERED GALLONS SOLD	820567	1,011,203	
DIFFERENCE (GALLONS)	138309	210,872	
WATER LOSS FOR FLUSHING (GALLONS)	50000	20,000	
WATER LOSS FOR BREAKS/ FIRE (GALLONS)	3000	70,000	
PLANT USAGE	4500	4,700	
NET UNACCOUNTED WATER LOSS (GALLONS)	70809	2,000	
NET UNACCOUNTED WATER LOSS (%)	<u>7.38%</u>	<u>4.76%</u>	