

# MEMORANDUM



TO: Ray Towry, City Manager  
 FROM: Greg Springman, Public Works Director  
 DATE: June ,9 2020  
 SUBJECT: Public Works Activities Report May 2020

This memorandum provides a brief periodic update of specific projects, WTP/WWTP O&M and Compliance status, and activities performed by the Public Works Department.

This table section summarizes work done on key maintenance activities.

Work Type	May, 2020	April, 2020	2020 YTD	2019	2018*	2 Yr Ave**
Bathrooms/Garbage	60	11	224	742	305	524
Catch Basin Inspection/cleaning	1	2	4	31	505	268
Leaf Collection	0	0	0	223	181	202
Hydrant Flushing	0	1	38	303	168	236
Locates	57	59	239	448	114	281
Meter Re-Read	53	66	263	441	192	317
Mowing	7	16	28	129	99	114
Playground EQ Inspection	1	5	19	98	48	73
Pothole Repair	14	10	404	609	202	406
Sewer CCTV Miles	2.91	1.63	5.43	1.59	0.39	0.99
Street Sweeping Miles	0	311	1236	4142	2938	3540
Water Main Repair	0	2	2	15	19	17
Water Service Repair	2	3	12	31	13	22
Water Turn Ons/Offs	50	48	520	1040	517	779
<b>Total Completed Word Orders</b>	<b>156</b>	<b>589</b>	<b>2461</b>	<b>8571</b>	<b>3913</b>	<b>6242</b>

\* 2018 is a partial year new system in May2018

\*\* Not full 2 year average as 2018 is partial year

## WWTP and WTP Key Performance Indicators (KPIs)

	April, 2020	March, 2020	2020 YTD	2019	2018	5 Yr Ave
<b>Potable</b>						
MG Treated	29.21	35.20	130.76	444.48	450.19	434.89
Backwash Water in MG	1.15	1.12	5.29	22.90	12.88	13.50
Ave daily demand in MG	0.97	1.14	1.09	1.21	1.24	1.17
<b>Sanitary</b>						
MG Treated	56.77	47.70	270.96	547.14	476.37	559.36
Max Daily Flow in MG	3.51	3.90	5.11	7.30	4.22	6.02
Average Flow in MG	1.89	1.54	3.20	1.50	1.31	1.53
Solids Inventory lbs	21530.00	33061.00	28942.00	ND	ND	ND

\* MG is Million Gallons

\*\* ND is No Data

Notes: No violations for April 2020

### Current & Upcoming Projects

#### Treatment Facilities Request for Proposal for Contract Operations

**Scope:** City staff are preparing a formal request for proposal for contract operations for the water and wastewater treatment facilities. This RFP has been published and awaiting responses

**Status:** RCA to Council on May 26, 2020

#### Engineer of Record

**Scope:** City staff have prepared a formal request for proposal for an Engineer of Record. This RFP has been published and awaiting responses

**Status:** RCA to Council on May 26, 2020

#### Wastewater Treatment Plant Improvement Project

**Scope:** Upgrades to equipment & processes for DEQ Compliance

**Status:** Project on schedule. WWTP Final design commenced in August, 2019. In September 2019, staff met with Architect designing the WWTP Admin building to discuss building layout, vision for the structure and project schedule. Nearing 60% design completion

#### Water Loss

**Scope:** Staff will continue to identify water leaks throughout the 54 miles of water distribution system.

**Status:** PW staff has completed a large repair on 9<sup>th</sup> Avenue, north of Nadina Street. The leak was estimated at approximately 343,000 gallons per day. Staff will review other water production numbers from the WTP as a comparison.

## Radar Speed Signs

**Scope:** Purchase 6 radar speed signs throughout the community.

**Status:** Staff ordered 6 radar speed signs. Installed two signs, one on 1<sup>st</sup> Avenue, second on Airport Road. Permits applications has been submitted to ODOT for multiple location along State Highway 20 and Highway 228.

## Sankey Park Improvements

**Scope:** Install new paths, lighting, and playground equipment.

**Status:** Staff specified all materials for project and set budget, project to commence February 2020.

## 2019 Overlay Project

**Scope:** 2" pavement overlay on Juniper St., 32<sup>nd</sup> Ct., 45<sup>th</sup> Ave., and 46<sup>th</sup> Ave. at Main St.

**Status:** Project on hold until FY 20/21.

## Water Distribution System Evaluation – Murraysmith

**Scope:** Murraysmith will perform a hydraulic water model of the water distribution system to pinpoint operations deficiencies and develop a plan to mitigate water system deficiencies.

**Status:** City staff purchased water modeling software, which Murraysmith to hydraulically model the water distribution system. Project currently in progress.

## System Development Charges (SDCs) – Murraysmith

**Scope:** Provide an update to the current water and sewer system development charges (SDCs) and establish new transportation, parks, and stormwater SDCs based on current capital improvement plans.

**Status:** Actively in progress

## Backwash Pump Evaluation – Murraysmith

**Scope:** Evaluate feasibility of adding a backwash pump and using clearwell for filter backwashes and the corresponding effects on the distribution system and treatment.

**Status:** Waiting on Water Distribution System Evaluation

#### Finished Water Pump Evaluation – Murraysmith

**Scope:** Evaluate feasibility to add a Variable Frequency Drive (VFD) to the current finish water pumps to maintain a constant level in clearwell to help facilitate Backwash Pump.

**Status:** Waiting on funding source

#### WTP Disinfection Evaluation – Murraysmith

**Scope:** Murraysmith will perform a hydraulic water model of the water distribution system to pinpoint operations deficiencies and develop a plan to mitigate water system deficiencies.

**Status:** In Design