

MEMORANDUM



TO: Ray Towry, City Manager
FROM: Greg Springman, Public Works Director
DATE: August 10, 2021
SUBJECT: Public Works Activities Report – July 2021

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	July, 2021	June, 2021	2021 YTD	2020	2 Yr Avg
Bathrooms/Garbage	0*	0*	107	597	670
Catch Basin Inspection/cleaning	0*	0*	1	48	40
Leaf Collection	0	0	1	138.5	181
Hydrant Flushing	0	35	106	280	292
Locates	38	46	262	520	484
Meter Re-Read	124	86	479	830	636
Mowing	4*	0*	18	82	106
Playground EQ Inspection	2*	0*	40	21	60
Pothole Repair	1	2	378	667	638
Sewer CCTV Miles	0.00	0.00	0.08	5.71	4
Street Sweeping Miles	144	122	328	2086	3114
Water Main Repair	1	0	5	5	10
Water Service Repair	0	1	8	73	52
Water Turn Ons/Offs	53	52	324	914	977
Total Completed Work Orders	470	453	3235	7895	8233

*Data incomplete due to staff change over and technological issues. New tablets and training completed.

WWTP and WTP Key Performance Indicators (KPIs)

	June, 2021	May, 2021	2021 YTD	2020	2019	5 Yr Avg
Potable						
MG Treated	32.51	33.49	174.51	345.13	444.48	434.89
Backwash Water in MG	2.18	2.56	18.29	18.42	22.90	13.50
Ave daily demand in MG	1.16	1.08	0.97	0.95	1.21	1.17
Sanitary						
MG Treated	30.63	38.04	337.53	596.71	547.14	559.36
Max Daily Flow in MG	1.35	1.87	4.73	6.66	7.30	6.02
Average Flow in MG	1.02	1.23	1.88	1.63	1.50	1.53

* MG is Million Gallons

Notes: There were zero water quality exceedances reported for the month of July

Current & Upcoming Projects

Wastewater Treatment Plant Improvement Project

Scope: Upgrades to equipment & processes for DEQ Compliance

Status: Staff is current evaluating 90% design of the WWTP Improvement Project. Staff is seeking approval for funding through DEQ SRF Loan, with USDA funding project at final completion.

Water Loss

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

Status: PW staff will continue to provide updates as available.

Radar Speed Signs

Scope: Purchase 6 radar speed signs throughout the community.

Status: ODOT permits approved. Staff has installed signs along Highway 20. Staff currently retrieving data from the signs.

Sankey Park Improvements

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

Status: CTC removed several trees May 2021. Paths and lighting work has resumed August 2021.

2021 Overlay Project

Scope: Overlay multiple streets through the community.

Status: Phase I construction has been completed. Phase II bids have been received, staff to recommend award of contract to Council August 2021.

Water & Stormwater Master Plans – West Yost

Scope: Develop Water & Stormwater Master Plans to support development

Status: West Yost is currently developing Scopes of Work for both projects. Projects will commence August 2021.

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. Council Workshop presentation took place on July 28, 2020.

Status: Completed.

Backwash Pump Evaluation – West Yost

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: In design with West Yost, at 90% Review

Finished Water Pump Evaluation – West Yost

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: In design with West Yost, waiting on Integrator of Record RFP

WTP Disinfection Evaluation – The Automation Group (TAG) (sub from West Yost)

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: Staff procured equipment, Public Works staff to complete installation. TAG assisting with final configuration.