

MEMORANDUM



TO: Ray Towry, City Manager
FROM: Greg Springman, Public Works Director
DATE: June 8, 2021
SUBJECT: Public Works Activities Report – May 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	May, 2021	April, 2021	2021 YTD	2020	2 Yr Avg
Bathrooms/Garbage	0	24	107	597	670
Catch Basin Inspection/cleaning	0	1	1	48	40
Leaf Collection	0	0	1	138.5	181
Hydrant Flushing	0	1	71	280	292
Locates	54	46	216	520	484
Meter Re-Read	81	94	393	830	636
Mowing	0	13	18	82	106
Playground EQ Inspection	0	11	40	21	60
Pothole Repair	2	22	376	667	638
Sewer CCTV Miles	0.03	0.05	0.08	5.71	4
Street Sweeping Miles	34	0	206	2086	3114
Water Main Repair	1	1	5	5	10
Water Service Repair	3	1	7	73	52
Water Turn Ons/Offs	56	57	272	914	977
Total Completed Work Orders	447	489	2312	7895	8233

WWTP and WTP Key Performance Indicators (KPIs)

	April, 2021	March, 2021	2021 YTD	2020	2019	5 Yr Ave
Potable						
MG Treated	27.3	27.11	108.51	345.13	444.48	434.89
Backwash Water in MG	2.05	2.86	13.55	18.42	22.90	13.50
Ave daily demand in MG	0.92	0.87	0.90	0.95	1.21	1.17
Sanitary						
MG Treated	33.81	60.03	268.86	596.71	547.14	559.36
Max Daily Flow in MG	1.48	2.64	4.73	6.66	7.30	6.02
Average Flow in MG	1.13	1.94	2.25	1.63	1.50	1.53

MG is Million
* Gallons

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

Current & Upcoming Projects

Treatment Facilities Working on bringing Operations in House

Scope: Council voted to resume operations of treatment facilities.

Status: Staff has been hired and begun training with current Jacobs staff for transition July 1, 2021.

Wastewater Treatment Plant Improvement Project

Scope: Upgrades to equipment & processes for DEQ Compliance

Status: Project on schedule. WWTP Final design commenced in August, 2019. WWTP Improvement Project is proceeding to 90% design completion. Staff seeking DEQ and USDA approval for the proposed project.

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.

Sankey Park Improvements

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

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

2021 Overlay Project

Scope: Overlay multiple streets through the community.

Status: Phase I has been awarded for construction. Phase II RFP has been approved by Council and is out to bid.

Water Distribution System Evaluation – West Yost

Scope: West Yost 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 West Yost to hydraulically model the water distribution system. Project currently in progress awaiting results from staff.

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.

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.