

MEMORANDUM



TO: Christy Wurster, City Manager Pro Tem
 FROM: Greg Springman, Public Works Director
 DATE: June 14, 2022
 SUBJECT: Public Works Activities Report – May 2022

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, 2022	April, 2022	2022 YTD	2021	3 Yr Avg
Bathrooms/Garbage	22	28	78	169	503
Catch Basin Inspection/cleaning	1	0	3	6	28
Leaf Collection	0	0	0	1637	666
Hydrant Flushing	0	4	39	324	302
Locates	28	64	223	491	486
Meter Re-Read	53	66	277	1060	777
Mowing	21	18	33	40	84
Playground EQ Inspection	6	3	34	49	56
Pothole Repair	32	87	275	514	597
Sewer CCTV Miles	0.00	0.00	0.36	0.16	2.48
Street Sweeping Miles	128	137	475	893	2374
Water Main Repair	1	2	6	9	10
Water Service Repair	0	2	17	20	41
Water Turn Ons/Offs	40	58	251	677	877
Total Completed Work Orders	664	837	2501	6050	6973

WWTP and WTP Key Performance Indicators (KPIs)

	May, 2022	April, 2022	2022 YTD	2021	5 Yr Avg
Potable					
MG Treated	25.29	26.88	104.68	363.99	406.97
Backwash Water in MG	1.08	1.2	6.01	30.07	19.92
Ave daily demand in MG	0.82	0.87	0.87	1.00	1.12
Sanitary					
MG Treated	69.81	69.15	284.85	641.31	586.99
Max Daily Flow in MG	3.55	3.45	6.01	5.89	6.08
Average Flow in MG	2.33	2.23	2.36	1.76	1.61

* MG is Million Gallons

Note: Sweet Home Wastewater treatment plant experienced 0 exceedances for the month of May 2022.

Current & Upcoming Projects

Wastewater Treatment Plant Improvement Project

Scope: Upgrades to equipment & processes for DEQ Compliance

Status: Engineer of Record (West Yost) completing WWTP Final Design for Phase I and Phase II. West Yost provided Council a WWTP Improvement Project update in April 2022. Phase 1 will be funded by city funds on a smaller scope and is currently at 90%. Phase II design will be completed in the spring 2023.

Small Diameter Water Main Replacement

Scope: Engineer of Record and Staff has identified aged water mains throughout the 54 miles of water distribution system. Staff and West Yost will take a phase approach to replace the 5 miles of small diameter water mains.

Status: Phase I & Phase II project documents were presented to Council on May 10, 2022. Documents will include an RFP from Contractors. Engineer of Record and Staff will continue to provide updates as available.

Sankey Park Improvements

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

Status: Project was completed by January 2022. Final concrete path was poured in February 2022. Minor punch list of lighting remains to be finished by PW Staff.

Water & Stormwater Master Plans – West Yost

Scope: Develop Water & Stormwater Master Plans to support development

Status: Kick off meetings for both projects commenced October 2021. Staff will provide periodic updates. Water Master Plan is scheduled for completion in July 2022.

Consultants and staff are collecting data regarding storm events from the community. Stormwater Master Plan is scheduled for completion by June 2023.

Backwash Pump Evaluation – West Yost

Scope: Install backwash pump, utilizing the clearwell for filter backwashes and the corresponding effects on the distribution system and treatment.

Status: Design completed by West Yost, materials starting to be ordered for 1st stage of project. Contract approved by council to Pacific Excavation, pre-construction meeting occurred in January 2022. Pump has been ordered. Construction started May 2022.

Finished Water Pump VFD 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 pumping.

Status: Design completed by West Yost, materials starting to be ordered for 1st stage of project. Contract approved by council to Pacific Excavation, pre-construction meeting occurred in January 2022. Construction started May 2022.

Fluoride at WTP

Scope: Fluoride system at WTP has failed/End of life budgeted for replacement FY21/22.

Status: PW Staff obtaining updated quotes for replacement. This project is budgeted for FY 22/23.

Wastewater Filter Belt Press

Scope: Filter Belt Press was installed in approx. 1974 and is an operational and financial challenge to keep operating, looking to prepurchase new dewatering equipment for the wastewater treatment plant as part of the upgrade project.

Status: PW staff currently working with Engineer of Record to confirm sizing of dewatering equipment.