



Financial Services Audit Committee Communication

Date: March 28, 2025

To: Great Lakes Water Authority Audit Committee

From: William Baker, Financial Management Professional, Construction Accounting &
Reporting

Re: FY 2025 Q2 Construction Work-in-Progress Report through December 31, 2024
(Unaudited)

Background: The quarterly construction work-in-progress (CWIP) provides information and analysis related to the execution of the Great Lakes Water Authority capital improvement program (CIP).

Analysis: The attached documents summarize the FY 2025 Q2 CWIP positions and provides a detailed snapshot to inform decision makers and stakeholders.

Proposed Action: Receive and file this report.



**Construction Work-in-Progress Quarterly Report
(Unaudited)**

As of December 31, 2024

**Presented to the
Great Lakes Water Authority
Audit Committee on March 28, 2025**

For questions, please contact:

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March 28, 2025

To Our Stakeholders:

The contents of this report represent the financial presentation of construction work-in-progress activity for the Great Lakes Water Authority (GLWA) as of December 31, 2024. The information in this report presents a detailed snapshot and is important as we track the execution of the FY 2025–2029 Capital Improvement Plan (CIP) and look to inform decision makers as we evaluate the FY 2026–2030 CIP.

As we continue to refine this report to better communicate pertinent information to inform decision makers and stakeholders, content and formatting may be changed. With the summary of active projects now regularly being reported to the Capital Planning Committee the project highlights previously being reported have been removed from this report.

Report Contents and Organization

Construction Work-in-Progress (CWIP) Appendices: Includes breakdown by jurisdiction which provides a summary of the planned and actual project activity by the jurisdictions identified within the FY 2025 – 2029 Board Approved CIP Plan, detailed CWIP rollforward, which lists all projects in the CIP along with financial activity. These tables may be used to revisit priorities, workload, and phasing. In addition, this section contains project amendment summaries which consider the award of CIP contracts and the related execution thereof may result in deviations from the amount and timing of project activity. Project amendments are prepared to fund the related increase or decrease with either an adjustment to Capital Reserve or Program / Allowance accounts to amend the board approved fiscal year CIP accordingly and to inform decision makers in the development of future Capital Improvement Plans.

Financial Information

All project amounts are unaudited. This means that direct contractor costs are generally included in these totals with most pay estimates entered through December 31, 2024. There may, however, be some pay estimates that lag. The totals do not include indirect overhead.

Budget vs. Plan

Generally, GLWA's CIP projects span two or more fiscal years. The GLWA Board of Directors adopts a biennial "budget" and a five-year capital improvement "plan".

- ✓ The adopted **budget** relates to operations and maintenance expense, annual fixed commitments such as debt service, and incremental adjustments to reserves. The budget provides authority to spend within defined amounts. The budget is also referred to as the "revenue requirement" for the utility.
- ✓ After contracts are awarded at amounts variant from the CIP plan and more reliable anticipated spend data becomes available, the amended budget for the current fiscal year may increase or decrease by way of "Capital Reserve" budget amendments.
- ✓ The five-year capital improvement **plan** is a rolling plan that is updated at an administrative tracking level as projects move from estimated to actual bid numbers. An updated mid-cycle CIP would be presented to the Board for approval if the prioritization strategy was revised and/or the plan was in need of material revisions.
- ✓ In addition, the Board of Directors adopts a capital spending ratio assumption (SRA) which allows the realities of capital program delivery to align with the financial plan. The SRA is an analytical approach to bridge the total dollar amount of projects in the CIP with what can realistically be spent due to limitations beyond GLWA's control and/or delayed for nonbudgetary reasons. Those limitations, whether financial or non-financial, necessitate the SRA for budgetary purposes, despite the prioritization established.

Executive Summary

The rate of spend is a key performance indicator. The development of the FY 2025-2029 and related CIP Plan for FY 2025 were based on anticipation of FY 2025 activity resulting in 100% of planned spend for the Water system and 100% of planned spend for the Wastewater system.

The Water System spend for the period ending December 31, 2024, is 78.0% of the FY 2024 board approved CIP, 77.0% of the FY 2024 board approved CIP with project amendments, 78.0% of the FY 2024 Approved Capital Spending Rate Assumption (SRA) and 78.0% of the FY 2024 Adjusted Capital Spending Rate Assumption (SRA). Detailed analysis of the projects for which FY 2024 Board Approved CIP was amended from \$207.3M to \$209.8M is provided in the subsequent Project Amendment Summary appendix of this report.

Water System Projects	FY 2024	FY 2024 Activity	FY 2024 Percentage	FY 2025	FY 2025 Prorated (Six Months)	FY 2025 Activity (Unaudited)	FY 2025 Percentage
<i>(in millions)</i>							
FY 2024 Board Approved CIP	\$ 239.3	\$ 177.6	74.2%				
FY 2024 Board Approved CIP With Project Amendments	200.7	177.6	88.5%				
FY 2024 Capital Spend Rate Assumption (SRA) - Approved	239.3	177.6	74.2%				
FY 2024 Capital Spend Rate Assumption (SRA) - Adjusted	190.0	177.6	93.5%				
FY 2025 Board Approved CIP				\$ 207.3	\$ 103.7	\$ 80.8	78.0%
FY 2025 Board Approved CIP With Project Amendments				209.8	104.9	80.8	77.0%
FY 2025 Capital Spend Rate Assumption (SRA) - Approved				207.3	103.7	80.8	78.0%
FY 2025 Capital Spend Rate Assumption (SRA) - Adjusted				207.3	103.7	80.8	78.0%

Executive Summary (Continued)

The Wastewater System spend for the period ending December 31, 2024, is 82.3% of the FY 2024 board approved CIP, 77.5% of the FY 2025 board approved CIP with project amendments, 82.3% of the FY 2025 Approved Capital Spending Rate Assumption (SRA) and 82.3% of the FY 2025 Adjusted Capital Spending Rate Assumption (SRA). Detailed analysis of the projects for which FY 2025 Board Approved CIP was amended from \$169.2M to \$179.5M is provided in the subsequent Project Amendment Summary appendix of this report.

Wastewater System Projects	FY 2024		FY 2024		FY 2025		FY 2025	
	FY 2024	Activity	Percentage	FY 2025	Prorated (Six Months)	Activity (Unaudited)	Percentage	
<i>(in millions)</i>								
FY 2024 Board Approved CIP	\$ 199.0	\$ 136.4	68.5%					
FY 2024 Board Approved CIP With Project Amendments	206.6	136.4	66.0%					
FY 2024 Capital Spend Rate Assumption (SRA) - Approved	199.0	136.4	68.5%					
FY 2024 Capital Spend Rate Assumption (SRA) - Adjusted	139.9	136.4	97.5%					
FY 2025 Board Approved CIP				\$ 169.2	\$ 84.6	\$ 69.6	82.3%	
FY 2025 Board Approved CIP With Project Amendments				179.5	89.8	69.6	77.5%	
FY 2025 Capital Spend Rate Assumption (SRA) - Approved				169.2	84.6	69.6	82.3%	
FY 2025 Capital Spend Rate Assumption (SRA) - Adjusted				169.2	84.6	69.6	82.3%	

Appendix A - Construction Work-in-Progress Rollforward Summaries by Jurisdiction

The purpose of the construction work-in-progress (CWIP) summary rollforward by jurisdiction is to provide a high-level overview of the financial status of the projects identified within the current board approved CIP by their jurisdiction. Within the FY 2025 – 2029 Board Approved CIP Plan, projects are identified and categorized as either City of Detroit, Wayne County - Outside Detroit, Lapeer County, Macomb County, Oakland County, Saint Clair County or Multiple Counties and reflected accordingly in this report.

\$489.3 million is in CWIP as of December 31, 2024 as shown for the Water System in A1 - Water - CWIP Rollforward by Jurisdiction

\$402.5 million is in CWIP as of December 31, 2024 as show for the Wastewater System in A2 - Wastewater - CWIP Rollforward by Jurisdiction

The order of these appendices on the subsequent pages are in ascending by jurisdiction alphabetically.

Construction Work-in-Progress Quarterly Report

As of December 31, 2024

Great Lakes Water Authority

A1 - Water System Construction Work-in-Progress (CWIP) FY 2025 Rollforward Summary By Jurisdiction

Unaudited Activity For the Fiscal Quarter Ended December 31st, 2024

Jurisdiction	Total Project Plan Estimate	CWIP Balance July 1, 2024	FY 2025 Board Approved CIP	FY 2025 Board Approved CIP With Project Amendments	FY 2025 Activity through December 31, 2024	CWIP Balance December 31, 2024
City of Detroit	\$ 507,502,995	\$ 66,649,664	\$ 59,589,941	\$ 59,589,941	\$ 14,175,576	\$ 76,751,095
Lapeer County	137,740,664	5,537,987	-	-	156	5,538,144
Mutiple Counties	609,139,627	119,221,792	57,270,219	58,315,819	28,125,392	147,347,184
Oakland County	359,499,129	137,210,012	4,855,489	4,855,489	7,067,787	144,277,799
Saint Clair County	295,118,528	20,481,055	27,217,339	27,454,401	6,571,298	27,052,354
Wayne County - Outside Detroit	985,724,849	63,531,051	58,399,537	59,606,037	24,829,780	88,360,831
Grand Total	\$ 2,894,725,791	\$ 412,631,562	\$ 207,332,526	\$ 209,821,688	\$ 80,769,989	\$ 489,327,406

Construction Work-in-Progress Quarterly Report

As of December 31, 2024

Great Lakes Water Authority

A2 - Wastewater System Construction Work-in-Progress (CWIP) FY 2025 Rollforward Summary By Jurisdiction

Unaudited Activity For the Fiscal Quarter Ended December 31st, 2024

Jurisdiction	Total Project Plan Estimate	CWIP Balance July 1, 2024	FY 2025 Board	FY 2025 Board	FY 2025 Activity	CWIP Balance December 31, 2024
			Approved CIP	With Project Amendments	through December 31, 2024	
City of Detroit	\$ 1,946,757,924	\$ 196,051,594	\$ 117,840,771	\$ 126,344,995	\$ 48,699,677	\$ 242,474,531
Mutiple Counties	1,319,856,726	136,709,069	48,316,404	50,102,159	19,537,422	156,246,491
Wayne County - Outside Detroit	135,181,862	2,509,110	3,031,807	3,031,807	1,314,338	3,823,448
Grand Total	\$ 3,401,796,513	\$ 335,269,773	\$ 169,188,982	\$ 179,478,961	\$ 69,551,438	\$ 402,544,471

Appendix B - Construction Work-in-Progress Rollforwards

The purpose of the construction work-in-progress (CWIP) rollforward is to analyze the current year activity for each project in relation to the overall capital improvement program as well as the project portfolio overall.

As part of our project life cycle review the Construction Accounting team identifies when it is appropriate for projects to be capitalized. Projects are to be capitalized when they have been completed in totality or are inclusive of identifiable assets that have been placed in service.

No projects reached completion or readiness for use in Q2 FY2025.

\$489.3 million is in CWIP as of December 31, 2024, as shown for the Water System in B1 - Water - Detailed CWIP Rollforward

\$402.5 million is in CWIP as of December 31, 2024, as shown for the Wastewater System in B2 - Wastewater - Detailed CWIP Rollforward

The order of these appendices on the subsequent pages are in ascending order by Project Category followed by CIP project number.

Construction Work-in-Progress Quarterly Report

As of December 31, 2024

Great Lakes Water Authority

B1 - Water System Construction Work-in-Progress (CWIP) FY 2025 Rollforward

Unaudited Activity For the Fiscal Quarter Ended December 31st, 2024

(in thousands)

Project Category	Total Project Plan Estimate	CWIP Balance July 1, 2024	FY 2025 Board Approved CIP	FY 2025 Board	FY 2025 Activity	FY 2025	CWIP Balance December 31, 2024	Life to Date	Life to Date	Life to Date
				Approved CIP with Budget Amendments	through December 31, 2024	Capitalizations and Other Activity through December 31, 2024		Capitalizations and Other Activity	Activity through December 31, 2024	Activity / Total Project Plan Estimate
Engineering	0	0	0	0	0	0	0	780	780	0%
Field Services - Water	284,557	189,805	67,721	68,494	25,581	0	215,385	148,473	363,859	128%
General Purpose - Water	0	0	0	0	0	0	0	330	330	0%
Programs - Water	454,485	38,520	31,652	31,926	9,299	0	47,818	83,444	131,262	29%
Security	0	0	0	0	0	0	0	10,358	10,358	0%
Systems Control Center	670,966	57,469	4,056	5,262	2,959	0	60,429	6,778	67,207	10%
Water Treatment Plants & Facilities	1,454,592	126,838	103,898	104,135	42,931	4,074	165,695	315,646	481,341	33%
Programs - Centralized Services	30,125	0	5	5	0	0	0	0	0	0%
Grand Total	2,894,726	412,632	207,333	209,822	80,770	4,074	489,327	565,809	1,055,137	36%

Construction Work-in-Progress Quarterly Report

As of December 31, 2024

Great Lakes Water Authority

B2 - Wastewater System Construction Work-in-Progress (CWIP) FY 2025 Rollforward

Unaudited Activity For the Fiscal Quarter Ended December 31st, 2024

(in thousands)

Project Category	Total Project Plan Estimate	CWIP Balance July 1, 2024	FY 2025 Board Approved CIP	FY 2025 Board Approved CIP With Project Amendments	FY 2025		CWIP Balance December 31, 2024	Life to Date Capitalizations And Other Activity	Life to Date Activity Through December 31, 2024	Life to Date Activity / Total Project Plan Estimate
					FY 2025 Activity through December 31, 2024	Capitalizations And Other Activity Through December 31, 2024				
CSO Facilities	196,591	14,847	10,916	10,916	6,036	0	20,883	737	21,621	11%
Engineering Facilities	0	0	0	0	0	0	0	1,186	1,186	0%
Field Services - Wastewater Programs	135,802	62,830	12,706	14,492	10,133	0	72,963	0	72,963	54%
Programs - Water	1,366,654	161,965	59,392	59,691	27,692	2,277	187,380	94,592	281,972	21%
Security	0	258	0	0	0	0	258	83	341	0%
Systems Control Center	0	0	0	0	0	0	0	3,201	3,201	0%
Water Resource Recovery Facility	521,473	16,608	21,068	21,068	2,147	0	18,755	52,343	71,097	14%
Grand Total	3,401,797	335,270	169,189	179,479	69,551	2,277	402,544	510,196	912,741	27%

Construction Work-in-Progress Quarterly Report

As of December 31, 2024

Great Lakes Water Authority
 B3 - Water System Construction Work-in-Progress (CWIP) FY 2025 Rollforward
 Unaudited Activity For the Fiscal Quarter Ended December 31st, 2024
 (in thousands)

Project Category	Project	Project Name	Total Project Plan Estimate	CWIP Balance July 1, 2024	FY 2025 Board Approved CIP	FY 2025 Board Approved CIP with Budget Amendments	FY 2025 Activity through December 31, 2024	Capitalizations and Other Activity through December 31, 2024	CWIP Balance December 31, 2024	Life to Date Capitalizations and Other Activity	Life to Date Activity through December 31, 2024	Life to Date Activity / Total Project Plan Estimate
Engineering	361001	Consolidated Process Control System Upgrades	0	0	0	0	0	0	0	313	313	0%
	361003	SCADA Radio Network Upgrade	0	0	0	0	0	0	0	467	467	0%
Engineering Total			0	0	0	0	0	0	0	780	780	0%
Field Services - Water	122001	Parallel 42-Inch Main in 24 Mile Road from Rochester Station to Romeo Plank Road	0	0	0	0	0	0	0	33,242	33,242	0%
	122002	Replacement of Five (5) PRV Pits of Treated Water Transmission System	0	0	0	0	0	0	0	2,785	2,785	0%
	122003	New Waterworks Park to Northeast Transmission Main	0	0	0	0	0	0	0	29,790	29,790	0%
	122004	96-inch Main Relocation, Isolation Valves Installations, and New Parallel Main	153,253	90,719	32,074	32,846	20,662	0	111,381	149	111,529	73%
	122005	Replacement Schoolcraft Watermain	0	0	0	0	0	0	0	16,947	16,947	0%
	122006	Transmission System Water Main Work-Wick Road Parallel Water Main	0	5,500	0	0	0	0	5,500	20,751	26,251	0%
	122007	Design and Construction of a new Newburgh Road 24" Main along Newburgh Road between Ch	26,209	0	0	0	0	0	0	0	0	0%
	122009	Water System Improvements in Joy Road from Southfield Road to Trinity	0	0	0	0	0	0	0	107	107	0%
	122011	Park-Merriman Water Main-Final Phase	0	0	0	0	0	0	0	6,835	6,835	0%
	122012	36-inch Water Main in Telegraph Road	0	0	0	0	0	0	0	9,986	9,986	0%
	122013	Lyon Township Transmission Main Extension Project	800	89,246	800	800	4,607	0	93,853	17,511	111,364	13925%
	122014	48-Inch Water Main Installation at Vining and Wick Roads in Romulus	0	0	0	0	0	0	0	4,011	4,011	0%
	122015	30-Inch Water Main	0	0	0	0	0	0	0	2,461	2,461	0%
	122016	Downriver Transmission Loop	64,273	3,054	15,131	15,131	224	0	3,277	0	3,277	5%
	122017	7 Mile/Nevada Transmission Main Rehab and Carrie/Nevada Flow Control Station	1,019	0	216	216	0	0	0	3,898	3,898	383%
	122019	Jefferson Main Replacement	39,002	1,286	19,501	19,501	88	0	1,374	0	1,374	4%
Field Services - Water Total			284,557	189,805	67,721	68,494	25,581	0	215,385	148,473	363,859	128%
General Purpose - Water	161001	Comprehensive Water Master Plan Update	0	0	0	0	0	0	0	330	330	0%
General Purpose - Water Total			0	0	0	0	0	0	0	330	330	0%
Programs - Water	170011	Miscellaneous Heating Improvements Southwest WTP	0	0	0	0	0	0	0	604	604	0%
	170102	Water Production Plant Flow Metering Improvements at NE, SP & SW WTP	0	0	0	0	0	0	0	374	374	0%
	170103	Belle Isle Water Supply Intake and Ice Boom Improvements	0	0	0	0	0	0	0	287	287	0%
	170104	Orion and Newburgh Pumping Stations Improvements	0	0	0	0	0	0	0	2,086	2,086	0%
	170105	Phosphoric Acid and Heating System and NE-WTP	0	0	0	0	0	0	0	1,936	1,936	0%
	170107	Intake Lagoon	0	0	0	0	0	0	0	298	298	0%
	170117	Instrument Air Compressor Systems Replacement at NE-WTP	0	0	0	0	0	0	0	226	226	0%
	170118	1958 Sedimentation Basin	0	0	0	0	0	0	0	859	859	0%
	170120	Phosphoric Acid Feed System Improvements at Southwest WTP	0	0	0	0	0	0	0	635	635	0%
	170300	Water Treatment Plant Automation Program	23,317	0	0	0	0	0	0	0	0	0%
	170302	SW WTP SCADA Improvements	3,037	7,922	3,037	3,037	782	0	8,704	0	8,704	287%
	170303	WWP WTP Power Monitoring Installation	0	0	0	0	0	0	0	1,811	1,811	0%
	170304	WWP WTP SCADA Upgrade	0	651	0	0	0	0	651	0	651	0%
	170305	WWP SCADA Network Upgrade	7,542	0	0	0	0	0	0	0	0	0%
	170306	SPW SCADA PLC Network Upgrade	6,780	0	2,245	2,245	0	0	0	0	0	0%
	170400	Water Transmission Improvement Program	32,175	0	0	0	0	0	0	0	0	0%
	170401	Emergency Bypass Around Ypsilanti Station	0	0	0	0	0	0	0	2,633	2,633	0%

Construction Work-in-Progress Quarterly Report

As of December 31, 2024

Great Lakes Water Authority
 B3 - Water System Construction Work-in-Progress (CWIP) FY 2025 Rollforward
 Unaudited Activity For the Fiscal Quarter Ended December 31st, 2024
 (in thousands)

Project Category	Project	Project Name	Total Project Plan Estimate	CWIP Balance July 1, 2024	FY 2025 Board Approved CIP	FY 2025 Board Approved CIP with Budget Amendments	FY 2025 Activity through December 31, 2024	Capitalizations and Other Activity through December 31, 2024	CWIP Balance December 31, 2024	Life to Date Capitalizations and Other Activity	Life to Date Activity through December 31, 2024	Life to Date Activity / Total Project Plan Estimate
Programs - Water	170500	Transmission System Valve Assessment and Rehabilitation/Replacement Program	59,285	0	18	18	0	0	0	0	0	0%
	170502	Transmission System Valve Assessment and Rehabilitation/Replacement A	0	0	0	0	0	0	0	7,690	7,690	0%
	170503	Transmission System Valve Assessment and Rehabilitation/Replacement B	537	2,073	417	417	22	0	2,094	14,054	16,148	3005%
	170504	Repair of WTM, Valves, & Priority Repair	6,735	9,813	2,965	2,965	207	0	10,021	0	10,021	149%
	170506	Water Transmission Main, Valves, & Other	15,000	0	2,744	2,744	339	0	339	0	339	2%
	170600	Water Transmission Main Asset Assessment Program	77,870	0	4,138	4,138	0	0	0	0	0	0%
	170601	Linear System Integrity Program	21,686	106	20	20	0	0	106	0	106	0%
	170602	36" 24 Mile Rd. Transmission Main Condit	972	2,538	0	273	1,170	0	3,708	0	3,708	381%
	170701	Booster Station & Reservoirs Program Management	0	0	0	0	0	0	0	12,977	12,977	0%
	170800	Reservoir Inspection, Design and Rehabilitation	0	0	0	0	0	0	0	0	0	0%
	170801	Reservoir Inspection, Design and Rehabilitation	295	10	295	295	4	0	14	25,247	25,261	8574%
	170802	Reservoir Inspection, Design	38,477	9,256	9,608	9,608	5,722	0	14,978	661	15,639	41%
	170803	Reservoir Inspection, Design, and Construction Management Services Phase III	94,432	0	0	0	0	0	0	0	0	0%
	170900	Suburban Water Meter Pit Rehabilitation and Meter Replacement Program	33,108	0	2,523	2,523	0	0	0	0	0	0%
	170901	Suburban Water Meter Pit Rehabilitation and Meter Replacement	0	4,708	0	0	0	0	4,708	7,703	12,411	0%
	170904	Phase II Wholesale Water Meter Pit Rehab	14,579	1,444	3,642	3,642	1,053	0	2,497	7	2,504	17%
	171500	Roof Replacement - Var Facilities Program	15,948	0	0	0	0	0	0	0	0	0%
171501	Roof Replacements - Var Facilities Program	0	0	0	0	0	0	0	3,355	3,355	0%	
171502	Lake Huron and Southwest Roof Replacement	2,710	0	0	0	0	0	0	0	0	0%	
Programs - Water Total			454,485	38,520	31,652	31,926	9,299	0	47,818	83,444	131,262	29%
Security	341001	Security Infrastructure Improvements	0	0	0	0	0	0	0	10,358	10,358	0%
Security Total			0	0	0	0	0	0	0	10,358	10,358	0%
Systems Control Center	132001	Wick Road Station Rehabilitation	0	0	0	0	0	0	0	135	135	0%
	132002	Replacement of Switchgear at Joy Road Pumping Station	0	0	0	0	0	0	0	669	669	0%
	132003	Isolation Gate Valves for Line Pumps for West Service Center Pumping Station	0	0	0	0	0	0	0	1,742	1,742	0%
	132006	Pressure and Control Improvements at the Electric, Ford Road, Michigan, and West Chica	0	0	0	0	0	0	0	3,226	3,226	0%
	132007	Energy Management: Freeze Protection Pump Installation at Imlay Pumping Station	0	5,268	0	0	0	0	5,268	0	5,268	0%
	132010	West Service Center/Duval Rd Division Valve Upgrades	1,524	45,612	1,524	1,524	756	0	46,368	0	46,368	3043%
	132012	Ypsilanti PS Improvements	40,241	2,572	0	0	0	0	2,572	0	2,572	6%
	132014	Adams Road Booster Pumping Improvements	61,675	102	0	0	0	0	102	0	102	0%
	132015	Newburgh BPS	45,133	1,331	0	1,207	499	0	1,830	30	1,860	4%
	132016	North Service Center BPS Improvements	234,676	2,155	2,532	2,532	1,704	0	3,859	0	3,859	2%
	132018	Schoolcraft BPS	24,643	0	0	0	0	0	0	0	0	0%
	132019	Wick Road BPS - Switchgear	24,723	65	0	0	0	0	65	0	65	0%
	132020	Franklin BPS - Isolation Gate Valves	60,825	95	0	0	0	0	95	0	95	0%
	132021	Imlay BPS - Replace VFDs, Pumps & Motors	137,741	270	0	0	0	0	270	0	270	0%
132022	Joy Road BPS - Replace Reservoir Pumps	39,786	0	0	0	0	0	0	0	0	0%	
132026	Franklin Pumping Station Valve Replacement	0	0	0	0	0	0	0	975	975	0%	
Systems Control Center Total			670,966	57,469	4,056	5,262	2,959	0	60,429	6,778	67,207	10%
Water Treatment Plants & Facilities	111001	Energy Management: Lake Huron Water Treatment Plant Low Lift Pumping Improvements	135,539	4,712	1,674	1,674	908	0	5,620	0	5,620	4%
	111002	LHWTP Backflow Replacement	0	0	0	0	0	0	8,718	8,718	0%	
	111004	Electrical Tunnel Rehabilitation at Lake Huron WTP	0	0	0	0	0	0	3,892	3,892	0%	

Construction Work-in-Progress Quarterly Report

As of December 31, 2024

Great Lakes Water Authority
 B3 - Water System Construction Work-in-Progress (CWIP) FY 2025 Rollforward
 Unaudited Activity For the Fiscal Quarter Ended December 31st, 2024
 (in thousands)

Project Category	Project	Project Name	Total Project Plan Estimate	CWIP Balance July 1, 2024	FY 2025 Board Approved CIP	FY 2025 Board Approved CIP with Budget Amendments	FY 2025 Activity through December 31, 2024	Capitalizations and Other Activity through December 31, 2024	CWIP Balance December 31, 2024	Life to Date Capitalizations and Other Activity	Life to Date Activity through December 31, 2024	Life to Date Activity / Total Project Plan Estimate
Water Treatment Plants & Facilities	111005	Miscellaneous Concrete Improvements at the Lake Huron WTP	0	0	0	0	0	0	0	757	757	0%
	111006	Replacement of Filter Instrumentation and Raw Water Flow Metering Improvements at Lake	35,751	4,129	2,981	2,981	1,799	0	5,928	0	5,928	17%
	111007	Lake Huron WTP-Raw Sludge Clarifier and Raw Sludge Pumping System Improvements	0	0	0	0	0	0	0	8,867	8,867	0%
	111008	LHWTP Architectural Programming - Lab	782	0	0	0	0	0	0	0	0	0%
	111009	Lake Huron WTP-35 MGD HLP, Flow Meters	10,153	10,507	10,125	10,362	3,634	0	14,141	0	14,141	139%
	111010	Lake Huron Water Treatment Plant -Filtration and Pretreatment Improvements	58,639	0	0	0	0	0	0	0	0	0%
	111011	Lake Huron WTP Pilot Plant	0	4	0	0	0	0	4	3,076	3,080	0%
	111012	LHWTP-Flocculation Improvements	44,204	1,125	12,437	12,437	230	0	1,355	0	1,355	3%
	111013	LH WTP Fireloop & Plant Water Improvements	10,051	4	0	0	0	0	4	0	4	0%
	112002	Low Lift Pumping Plant Caisson Rehabilitation at Northeast WTP	0	0	0	0	0	0	0	1,170	1,170	0%
	112003	NE WTP High Lift Pumping Electrical	171,118	561	0	0	0	0	561	0	561	0%
	112005	Northeast Water Treatment Plant - Replacement of Covers for Process Water Conduits	0	0	0	0	0	0	0	938	938	0%
	112006	Northeast Water Treatment Plant Flocculator Replacements	6,837	6,167	2,519	2,519	839	0	7,006	0	7,006	102%
	112007	NE WTP Structural Repair of Slab and Bea	6,383	239	2,124	2,124	2	0	241	0	241	4%
	112008	Northeast WTP Filter Replacement	85,550	102	3,507	3,507	33	0	135	0	135	0%
	113001	Southwest Water Treatment Plant, Sludge Treatment & Waste Wash water Treatment Facilit	0	0	0	0	0	0	0	171	171	0%
	113002	High Lift Pump Discharge Valve Actuators Replacement at Southwest WTP	0	0	0	0	0	0	0	5,799	5,799	0%
	113003	Replacement of Butterfly Valves	162,110	0	0	0	0	0	0	0	0	0%
	113004	Residual Handling Facility's Decant Flow Modifications at Southwest WTP	0	0	0	0	0	0	0	4,286	4,286	0%
	113006	SW WTP Chloring Scrubber	0	0	0	0	0	0	0	6,108	6,108	0%
	113007	Architectural and Building Mechanical	8,641	4	0	0	0	0	4	0	4	0%
	113009	SW WTP Flight and Chain Upgrades	2,717	3,099	2,717	2,717	48	0	3,147	0	3,147	116%
	113010	SW WTP Flocculation Improvements	22,225	16	0	0	12	0	28	0	28	0%
	114001	Springwells Water Treatment Plant 1958 Filter Rehabilitation and Auxiliary Facilities	0	0	0	0	0	0	0	99,765	99,765	0%
	114002	Springwells Water Treatment Plant - Low Lift and High Lift Pump Station	270,070	25,819	28,225	28,225	17,678	0	43,497	17,553	61,050	23%
	114003	Water Production Flow Metering Improvements at NE, SW, and SPW WTP	0	0	0	0	0	0	0	8,168	8,168	0%
	114004	Miscellaneous Concrete Improvements at Springwells WTP	0	0	0	0	0	0	0	494	494	0%
	114005	Springwells WTP Admin Building Improvements	5,818	1,321	0	0	0	0	1,321	0	1,321	23%
	114006	Replacement of Rapid Mix Units at Springwells WTP 1958 Process Train	0	0	0	0	0	0	0	1,021	1,021	0%
	114008	1930 Sedimentation Basin Sluice Gates, Guides & Hoists Improvements at Springwells WTP	0	1	0	0	0	0	1	13,202	13,202	0%
114010	Yard Piping Improvements	216,807	1,808	0	0	0	0	1,808	0	1,808	1%	
114011	Steam, Condensate Return, and Compressed Air Piping Improvements at Springwells WTP	0	2,333	0	0	10	0	2,343	24,356	26,699	0%	
114012	Springwells Water Treatment Plant 1930 Filter Building-Roof Replacement	0	0	0	0	0	0	0	3,911	3,911	0%	
114013	Springwells Reservoir Fill Line Improvements	0	0	0	0	0	0	0	4,707	4,707	0%	
114015	Emergency Grating Replacement at Springwells WTP	0	0	0	0	0	0	0	3,366	3,366	0%	

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Great Lakes Water Authority
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 (in thousands)

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Water Treatment Plants & Facilities	114016	Springwells Water Treatment Plant 1958 Settled Water Conduits Concrete Pavement Replacement	0	0	0	0	0	0	0	1,566	1,566	0%
	114017	Springwells Water Treatment Plant Flocculator Drive Replacement	20,170	8,688	7,045	7,045	5,578	0	14,266	0	14,266	71%
	114018	Springwells Water Treatment Plant - Service Building Electrical Substation and Miscellaneous Improvements	2,341	0	0	0	0	0	0	0	0	0%
	115001	Yard Piping, Valves and Venturi Meters Replacement at Water Works Park	16,688	42,228	9,986	9,986	5,793	4,074	43,947	4,074	48,021	288%
	115002	Miscellaneous Concrete and Road Improvements at Waterworks Park WTP	0	0	0	0	0	0	0	1,984	1,984	0%
	115004	Water Works Park WTP Chlorine System Upgrade	0	0	0	0	0	0	0	6,967	6,967	0%
	115005	WWP WTP Building Ventilation Improvements	4,504	12,933	3,868	3,868	2,241	0	15,174	0	15,174	337%
	115006	Water Works Park Site/Civil Improvements	5,896	0	0	0	0	0	0	0	0	0%
	115007	Water Works Park High Lift Pumping Station Modernization	115,090	0	0	0	0	0	0	0	0	0%
	115009	Water Works Park Sedimentation Basins Structural Upgrades	16,846	0	0	0	0	0	0	0	0	0%
	116002	Pennsylvania, Springwells and Northeast Raw Water Supply Tunnel Improvements based on	12,689	327	12,689	12,689	2,758	0	3,085	80,730	83,814	661%
	116005	Belle Isle Seawall Rehabilitation	1,539	713	1,539	1,539	1,369	0	2,081	0	2,081	135%
	116006	Belle Isle Intake System Rehabilitation and Improvements	2,222	0	0	0	0	0	0	0	0	0%
	116007	System Electrical Power Improvements	3,214	0	2,462	2,462	0	0	0	0	0	0%
Water Treatment Plants & Facilities Total			1,454,592	126,838	103,898	104,135	42,931	4,074	165,695	315,646	481,341	33%
Programs - Centralized Services	380700	As-needed Engineering Services for Concrete Testing, Geotechnical Soil Borings, other Testing Services, and Related Services Allowance	0	0	0	0	0	0	0	0	0	0%
	381000	Energy Management: Electric Metering Improvement Program	5,125	0	5	5	0	0	0	0	0	0%
	383300	Masonry Replacement and Rehabilitation Program	25,000	0	0	0	0	0	0	0	0	0%
Programs - Centralized Services Total			30,125	0	5	5	0	0	0	0	0	0%
Grand Total			2,894,726	412,632	207,333	209,822	80,770	4,074	489,327	565,809	1,055,137	36%

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Great Lakes Water Authority

B4 - Wastewater System Construction Work-in-Progress (CWIP) FY 2025 Rollforward

Unaudited Activity For the Fiscal Quarter Ended December 31st, 2024

(in thousands)

Project Category	Project	Project Name	Total Project Plan Estimate	CWIP Balance July 1, 2024	FY 2025 Board Approved CIP	FY 2025 Board Approved CIP With Project Amendments	FY 2025 Activity through December 31, 2024	Capitalizations And Other Activity Through December 31,	CWIP Balance December 31, 2024	Life to Date Capitalizations And Other Activity	Life to Date Activity Through December 31, 2024	Life to Date Activity / Total Project Plan Estimate
CSO Facilities	270001	Pilot CSO Netting Facility	37,874	21	0	0	50	0	71	0	71	0%
	270002	Meldrum Sewer Diversion and VR-15 Improvements	6,401	0	0	0	0	0	0	0	0	0%
	270003	Long Term CSO Control Plan	1,587	0	1,587	1,587	161	0	161	0	161	10%
	270004	Oakwood Lieb CSO Facility Improvement	38,368	4,952	1,394	1,394	1,035	0	5,988	0	5,988	16%
	270006	Control System Upgrades - Baby Creek/Belle	18,331	2,533	1,056	1,056	649	0	3,182	0	3,182	17%
	270007	Disinfection System Improvements at CSO	8,320	48	206	206	12	0	60	0	60	1%
	270008	Flushing System Improvements at Conner Creek and St. Aubin CSO Facilities	7,070	0	0	0	0	0	0	0	0	0%
	270009	Site Improvements at St. Aubin, Belle Isle, and Baby Creek CSO Facilities	1,390	0	0	0	0	0	0	0	0	0%
	270010	HVAC Improvements at Puritan Fenkell and Seven Mile CSO Facilities	1,506	21	88	88	2	0	23	0	23	2%
	270011	HVAC Improvements at Conner Creek and Belle Isle CSO Facilities	418	0	0	0	0	0	0	0	0	0%
	270012	Control System Upgrades at Conner Creek, Oakwood, and Puritan Fenkell CSO Facilities	5,975	0	0	0	0	0	0	0	0	0%
	270013	Facility Improvements at Puritan Fenkell and Seven Mile CSO Facilities	902	0	0	0	0	0	0	0	0	0%
	270014	Convert to Complete Capture Basin CSO Fa	4,482	0	0	0	0	0	0	0	0	0%
	273001	Hubbell Southfield CSO Facility Improvement	52,060	2,509	3,032	3,032	1,314	0	3,823	0	3,823	7%
273002	CSO Hubbell Southfield VR-8 Gate Improvements	1,786	0	0	0	0	0	0	0	0	0%	
276002	Replacement Make-up Air Unit at CON	0	0	0	0	0	0	0	348	348	0%	
277001	Baby Creek Outfall Improvements Project	9,376	4,763	3,554	3,554	2,812	0	7,575	389	7,964	85%	
277002	Baby Creek CSO Facility Influent Flushing System	745	0	0	0	0	0	0	0	0	0%	
CSO Facilities Total			196,591	14,847	10,916	10,916	6,036	0	20,883	737	21,621	11%
Engineering	361001	Consolidated Process Control System Upgrades	0	0	0	0	0	0	0	316	316	0%
	361002	Data Center Reliability/Availability Improvements	0	0	0	0	0	0	0	17	17	0%
	361003	SCADA Radio Network Upgrade	0	0	0	0	0	0	0	853	853	0%
Engineering Total			0	0	0	0	0	0	1,186	1,186	0%	
Facilities	331002	Roofing Systems Replacement at GLWA Wastewater Treatment Plant, CSO Retention Treatment Basins (RTB) and Screening Disinfection Facilities (SDF)	0	0	0	0	0	0	0	1,123	1,123	0%
Facilities Total			0	0	0	0	0	0	1,123	1,123	0%	
Field Services - Wastewater	222001	Intercommunity Relief Sewer Modifications in Detroit Oakwood District	78,792	2,977	0	1,786	786	0	3,764	0	3,764	5%
	222002	Detroit River Interceptor Evaluation and Rehabilitation	54,761	57,689	11,581	11,581	9,260	0	66,949	0	66,949	122%
	222008	North Interceptor East Arm (NIEA)	2,250	2,164	1,125	1,125	86	0	2,250	0	2,250	100%
Field Services - Wastewater Total			135,802	62,830	12,706	14,492	10,133	0	72,963	0	72,963	54%
Programs	260101	Plant-Wide Replacement of Emergency Lighting	0	0	0	0	0	0	0	1,246	1,246	0%
	260102	Replace Stairs - WWTP	0	0	0	0	0	0	0	109	109	0%
	260103	Replace 4 DS-706 Centrifuges WWTP	0	0	0	779	0	0	779	779	0%	
	260104	Pur Installation of EB-25 Unit WWTP	0	0	0	0	0	0	0	21	21	0%
	260105	Replace Various Air Distribution Equip	0	0	0	0	0	0	0	868	868	0%
	260108	Sanitary Meter Replacement: Neff Road	0	0	0	0	0	0	0	377	377	0%
	260111	W-3 Construct: Overhead Door	0	0	0	0	0	0	0	551	551	0%
	260112	Connor Creek	0	0	0	354	0	0	354	354	0%	
	260113	Fire Remediation	0	0	0	0	0	0	0	19,428	19,428	0%
	260200	Sewer and Interceptor Evaluation and Rehabilitation Program	9,172	0	0	0	0	0	0	0	0	0%
	260201	Conveyance System Interceptor Rehab	493	19,906	422	422	0	0	19,906	18,542	38,448	7792%
260203	Conveyance System Interceptor Rehab	0	0	0	0	0	0	0	4,642	4,642	0%	

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B4 - Wastewater System Construction Work-in-Progress (CWIP) FY 2025 Rollforward

Unaudited Activity For the Fiscal Quarter Ended December 31st, 2024

(in thousands)

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Programs	260204	Energy Services for Rehabilitation of Conveyance Sewer System	40,621	27,253	13,440	13,440	7,371	0	34,624	0	34,624	85%
	260205	NWI Outfall Rehabilitation	358	6,373	324	623	549	0	6,922	0	6,922	1931%
	260206	Conveyance System Rehabilitation - Interceptors	16,762	6,992	5,208	5,208	2,541	0	9,533	0	9,533	57%
	260207	Rehabilitation of Woodward Sewer System	308	20,322	308	308	-796	0	19,526	0	19,526	6330%
	260209	Sewer Repair Contract - As Needed	9,209	3,192	4,605	4,605	391	0	3,584	0	3,584	39%
	260210	Linwood/Lonyo/Ashland/2nd Ave/Shiawassee	27,506	1,606	249	249	295	0	1,900	0	1,900	7%
	260211	Sewer Repair Contract II	5,515	5	1,499	1,499	0	0	5	0	5	0%
	260301	Roof Replacement of Complex II	0	0	0	0	0	0	0	1,673	1,673	0%
	260500	CSO Outfall Rehab	7,636	0	0	0	0	0	0	0	0	0%
	260502	CSO Outfall Rehab	0	0	0	0	0	0	0	3,330	3,330	0%
	260504	Rehabilitation of Outfalls - Phase II	0	0	0	0	0	0	0	4,924	4,924	0%
	260505	Rehabilitation of Outfalls - Phase IV	0	4	0	0	0	0	4	5,710	5,713	0%
	260508	B-39 Outfall Rehab	709	10,461	676	676	0	0	10,461	0	10,461	1475%
	260509	B-40 Outfall Rehab	0	113	0	0	0	0	113	0	113	0%
	260510	Conveyance System Rehabilitation - Outfalls	19,766	4,962	3,993	3,993	4,062	0	9,024	0	9,024	46%
	260600	CSO Facilities Improvements	1,018,312	0	657	657	0	0	0	0	0	0%
	260601	Oakwood Drain Valve Improvements	0	0	0	0	0	0	0	805	805	0%
	260602	CSO Fire Alarm System Improvements	0	0	0	0	0	0	0	998	998	0%
	260603	Conner Creek CSO Basin Rehab	0	0	0	0	0	0	0	7,675	7,675	0%
	260604	Baby Creek CSO Rehab	0	0	0	0	0	0	0	367	367	0%
	260606	Puritan Fenkell Roof Replacement	0	0	0	0	0	0	0	347	347	0%
	260607	Lieb SDF Electrical Improvements	0	0	0	0	0	0	0	1,033	1,033	0%
	260608	Seven Mile RTB - Roof Replacement	0	0	0	0	0	0	0	497	497	0%
	260609	Seven Mile RTB - Parking Lot / Sitework	0	0	0	0	0	0	0	430	430	0%
	260610	Baby Creek MAU Replacement	0	0	0	0	0	0	0	275	275	0%
	260611	HVAC Improvements At Lieb SDF	0	0	0	0	0	0	0	413	413	0%
	260613	Baby Creek HVAC Improvements	0	0	0	0	0	0	0	545	545	0%
	260614	CSO Facilities Structural Improvements	124	13,962	124	124	29	0	13,990	0	13,990	11251%
	260615	PF & Lieb CSO Facilities Site & Drainage Improvements	0	0	0	0	0	0	0	582	582	0%
	260616	Baby Creek SCO Anchor & Wedge Improvements	0	0	0	0	0	0	0	770	770	0%
	260618	Oakwood HVAC Improvements	0	0	0	0	0	0	0	6,211	6,211	0%
	260619	Control System Upgrade At St. Aubin, Lieb and 7 Mile	4,049	3,264	4,049	4,049	892	0	4,156	0	4,156	103%
	260620	Baby Creek Roof Replacement	0	0	0	0	0	0	0	985	985	0%
	260621	Connor Creek Berm Improvements	0	2	0	0	0	0	2	2,245	2,247	0%
	260622	CSO Facilities Emergency Generator Improvements	0	0	0	0	0	0	0	1,110	1,110	0%
	260623	Baby Creek Screen Rehabilitation	31	2,268	31	31	9	2,277	1	2,277	2,277	7376%
	260624	Baby Creek Chemical Tank Replacement (TOE) 1	0	0	0	0	304	0	304	0	304	0%
	260700	Sewer System Infrastructure Improvements & Pumping Stations	989	0	54	54	0	0	0	0	0	0%
	260701	Conveyance System Infrastructure Improvements	27,827	34,176	16,081	16,081	6,243	0	40,419	0	40,419	145%
	260702	Pump Station Assets Updates	10,065	0	0	0	0	0	0	0	0	0%
	260800	WRRF Roof Replacement Program	14,700	0	0	0	0	0	0	0	0	0%
	260801	WRRF Sludge Pump Station #3 Roof Replacement	0	0	0	0	0	0	0	80	80	0%
	260802	2022 WRRF Roof Improvements Project	3,894	473	2,103	2,103	3,366	0	3,839	0	3,839	99%
	260900	WRRF Facility Optimization Program	85,000	0	0	0	0	0	0	0	0	0%
	260901	Rehab. Hazmat Facility at WRRF	84	3,253	84	84	266	0	3,519	0	3,519	4172%
	260902	WRRF Renovation of 4th Floor	0	0	0	0	0	0	0	3,552	3,552	0%
	260903	WRRF Front Entrance Rehab.	1,284	1,977	1,284	1,284	1,418	0	3,394	0	3,394	264%
	260904	WRRF 3rd Floor Renovation	3,440	125	2,017	2,017	18	0	143	0	143	4%
	260905	WRRF Plumbing Shop Rehab	1,352	1,134	1,352	1,352	699	0	1,833	0	1,833	136%
	261000	WRRF Rehabilitation of Secondary Clarifiers	39,337	0	0	0	0	0	0	0	0	0%

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 (in thousands)

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Programs	261001	Rehabilitation of Secondary Clarifiers	18,107	141	832	832	36	0	177	0	177	1%
	900015	Baby Creek CON-219 Channel Meters	0	0	0	0	0	0	0	847	847	0%
Programs Total			1,366,654	161,965	59,392	59,691	27,692	2,277	187,380	94,592	281,972	21%
Programs - Water	171501	Roof Replacements - Var Facilities Program	0	0	0	0	0	0	0	83	83	0%
	O13309	OMID	0	258	0	0	0	0	258	0	258	0%
Programs - Water Total			0	258	0	0	0	0	258	83	341	0%
Security	341002	Security Infrastructure Improvements	0	0	0	0	0	0	0	3,201	3,201	0%
Security Total			0	0	0	0	0	0	0	3,201	3,201	0%
Systems Control Center	232001	Fairview Pumping Station - Replace Four Sanitary Pumps	0	4	0	0	0	0	4	44,714	44,718	0%
	232002	Connor Creek Pump Station Improvements	440,137	11,910	21,068	21,068	1,823	0	13,733	6,104	19,836	5%
	232005	Freud Pump Station Improvements	0	4,694	0	0	324	0	5,018	0	5,018	0%
	233002	Collection System In System Storage Devices(ISDs) Improvements	0	0	0	0	0	0	0	1,525	1,525	0%
	233003	Rouge River In-system Storage Devices	81,336	0	0	0	0	0	0	0	0	0%
Systems Control Center Total			521,473	16,608	21,068	21,068	2,147	0	18,755	52,343	71,097	14%
Water Resource Recovery Facility	211001	Rehabilitation of Primary Clarifiers Rectangular Tanks, Drain Lines, Electrical/Mechanical Building and Pipe Gallery	0	0	0	0	0	0	0	54,749	54,749	0%
	211002	Pump Station No. 2 Pumping Improvments	0	80	0	0	6	0	86	2,676	2,762	0%
	211004	Pump Station 1 Rack & Grit and MPI Sampling Station 1 Improvements	0	0	0	0	0	0	0	27,895	27,895	0%
	211005	Pump Station No. 2 Improvements	82,827	558	2,420	2,420	949	0	1,508	0	1,508	2%
	211006	Pump Station No. 1 Improvements	86,348	20,238	15,064	15,064	8,978	0	29,216	0	29,216	34%
	211007	Replacement of Bar Racks and Grit Collection System at Pump Station No. 2	113,530	8,930	11,467	16,853	12	0	8,942	0	8,942	8%
	211008	Rehabilitation of Ferric Chloride Feed systems at the Pump Station -1 and Complex B Sludge Lines	0	12,736	0	0	135	0	12,871	0	12,871	0%
	211009	Rehabilitation of the Circular Primary Clarifier Scum Removal System	22,590	640	0	0	0	0	641	0	641	3%
	211010	Rehabilitation of Sludge Processing Complexes A and B	14,010	94	0	0	0	0	94	0	94	1%
	211011	WRRF PS1 Screening and Grit Improvements	96,901	3,401	2,643	2,643	282	0	3,683	0	3,683	4%
	212001	Returned Activated Sludge (RAS) Pumps, Influent Mixed Liquor System and Motor Control Centers (MCC) Improvements for Secondary Clarifiers	0	0	0	0	0	0	0	34,090	34,090	0%
	212002	Study, Design, & Construction, Management Services for Modified Detroit River Outfall No. 2 - WRRF	0	0	0	0	0	0	0	10,819	10,819	0%
	212003	Aeration System Improvements	0	0	0	0	0	0	0	16,525	16,525	0%
	212004	ProjectChlorination/Dechlorination Process Equipment Improvements	0	0	0	0	0	0	0	5,652	5,652	0%
	212005	Rouge River Outfall No. 2 (RRO-2) Segement 1-WWTP Modifications	0	0	0	0	0	0	0	252	252	0%
	212006	PC-797 Rouge River Outfall Disinfection and CS-1781 Oversight Consulting Services Contract	0	0	0	0	0	0	0	43,789	43,789	0%
	212008	WRRF Rehabilitation of Intermediate Lift	212,664	8,191	10,783	10,783	5,877	0	14,068	0	14,068	7%
	212009	WRRF Aeration Improvements 3 and 4	69,528	0	0	0	0	0	0	0	0	0%
	212010	WRRF Conversion of Disinfection of all Flow to Sodium Hypochlorite and Sodium Bisulfite	6,232	0	0	0	0	0	0	0	0	0%
	213001	Replacement of Belt Filter Presses for Complex I and Upper Level Complex II	0	0	0	0	0	0	0	36,669	36,669	0%
	213003	Sewage Sludge Incinerator Air Quality Improvements at WRRF	0	0	0	0	0	0	0	36,676	36,676	0%
	213004	Biosolids Dryer Facility at WRRF	0	0	0	0	0	0	0	2,408	2,408	0%

Construction Work-in-Progress Quarterly Report

As of December 31, 2024

Great Lakes Water Authority
 B4 - Wastewater System Construction Work-in-Progress (CWIP) FY 2025 Rollforward
 Unaudited Activity For the Fiscal Quarter Ended December 31st, 2024
 (in thousands)

Project Category	Project	Project Name	Total Project Plan Estimate	CWIP Balance July 1, 2024	FY 2025 Board Approved CIP	FY 2025 Board Approved CIP With Project Amendments	FY 2025 Activity through December 31, 2024	Capitalizations And Other Activity Through December 31,	CWIP Balance December 31, 2024	Life to Date Capitalizations And Other Activity	Life to Date Activity Through December 31, 2024	Life to Date Activity / Total Project Plan Estimate
Water Resource Recovery Facility	213005	Complex 1 Incinerators Decommissioning and Reusability	0	0	0	0	0	0	0	370	370	0%
	213006	Improvements to Sludge Feed Pumps at Dewatering Facilities	14,899	2,620	64	64	746	0	3,366	0	3,366	23%
	213007	Construction of the Improved Sludge Conveyance and Lighting System at the WWTP	104	749	104	104	72	0	821	22,912	23,733	22858%
	213008	Rehabilitation of the Wet and Dry Ash Handling Systems	7,033	151	0	0	15	0	166	0	166	2%
	213009	Phosphorous Recovery Facility at the WWRF	335,352	24	1,988	1,988	12	0	35	0	35	0%
	214001	Relocation of Industrial Waste Division and Analytical Laboratory Operations	0	0	0	0	0	0	0	14,300	14,300	0%
	215001	Rehabilitation of Combined Sewer Overflow (CSO) Retention Treatment Basins (RTB), Screening and Disinfection Facilities (SDF)	0	0	0	0	0	0	0	1,699	1,699	0%
	216001	Underground Electrical Duct Bank Repair and EB-1, EB-2, and EB-10 Primary Power Service Improvements - WRRF	0	0	0	0	0	0	0	32,686	32,686	0%
	216002	Plant-wide Fire Alarm Systems Upgrade/ Integration and Fire Protection Improvements	0	0	0	0	0	0	0	849	849	0%
	216004	Rehabilitation of Various Sampling Sites and PS# 2 Ferric Chloride System at WWTP	0	0	0	0	0	0	0	7,907	7,907	0%
	216006	Rehabilitation of the Screened Final Effluent (SFE) Pump Station and Secondary Water System	15,047	10,427	3,342	6,161	4,171	0	14,598	0	14,598	97%
	216007	DTE Primary Electric 3rd Feed Supply Line to the WRRF	0	0	0	0	0	0	0	4,008	4,008	0%
	216008	Rehabilitation of Screened Final Effluent (SFE) Pump Station	92,505	4,469	13,500	13,500	102	0	4,571	0	4,571	5%
	216011	WRRF Structural Improvements	11,706	5,453	3,732	3,732	2,186	0	7,639	0	7,639	65%
	Water Resource Recovery Facility Total			1,181,276	78,762	65,107	73,312	23,544	0	102,305	356,931	459,237
Grand Total			3,401,797	335,270	169,189	179,479	69,551	2,277	402,544	510,196	912,741	27%

Appendix C - Project Amendment Summaries

The purpose of the Project Amendment Summary is to illustrate the amendments to the current fiscal year board approved CIP for each project with an amendment resulting from the use of allowance and program funding for a specific amount necessitated by contract award.

The award of CIP contracts and the related execution thereof may result in deviation from the amount and timing of planned spend. Acknowledging the aforementioned deviation, project amendments are prepared to fund the related increase or decrease either to or from the Capital Reserve to amend the current fiscal year board approved Capital Improvement Plan accordingly and to inform decision makers in the development of future Capital Improvement Plans. Similar to the project amendments prepared for the Capital Reserve, project amendments are also prepared for contracts that are planned or funded by way of the CIP Program and Allowance accounts. As additional contracts are awarded, and other project information becomes available additional project amendments to and from the Capital Reserve will be prepared to amend the board approved FY 2025 Capital Improvement Plan.

\$2,489,162 of Capital Reserve project amendments have been prepared as of December 31, 2024, as shown for the Water System in C1 – Water FY 2024 Project Amendment Summary with project amendments detailing the assignment of funding within Program and Allowance accounts. This year-to-date total illustrates a decreased use of reserves.

\$10,289,979 of Capital Reserve project amendments have been prepared as of December 31, 2024, as shown for the Wastewater system in C2 – Wastewater FY 2024 Project Amendment Summary with project amendments detailing the assignment of funding within Program and Allowance accounts.

These amendments are in alignment with the FY 2025-2029 CIP plan.

The order of these appendices on the subsequent pages are in ascending order by CIP project number.

Great Lakes Water Authority

C1 - Water System Project Amendment Summary

Unaudited Activity For the Fiscal Quarter Ended December 31st, 2024

Project	Project Name	Capital Reserve	Grand Total
111009	Lake Huron WTP-35 MGD HLP, Flow Meters	237,062	237,062
122004	96" WTM Relocation 84" Triple Offset Ball Valve Material Procurement	772,300	772,300
132015	Newburgh Road Booster Pumping Station Improvements	1,206,500	1,206,500
170602	Water Transmission Main, Valve and Other Priority Repairs	273,300	273,300
Grand Total		\$ 2,489,162	\$ 2,489,162

Construction Work-in-Progress Quarterly Report

As of December 31, 2024

Great Lakes Water Authority**C2 - Wastewater System Project Amendment Summary****Unaudited Activity For the Fiscal Quarter Ended December 31st, 2024**

Project	Project Name	Capital Reserve	Grand Total
211007	WRRF PS-2 Bar Racks Replacements and Grit Collection System Improvements AM#3	5,386,324	5,386,324
216006	CON-1903598 Yard Piping, Construction Manager at Risk - Change Order No. 5 & 6	1,097,834	1,097,834
216006	1903601 - Yard Piping Engineering Services, Amendment No. 5	1,721,566	1,721,566
222001	Northwest Interceptor to Oakwood CSO Sewer Construction	1,785,755	1,785,755
260205	NWI Rehabilitation	298,500	298,500
Grand Total		\$ 10,289,979	\$ 10,289,979