

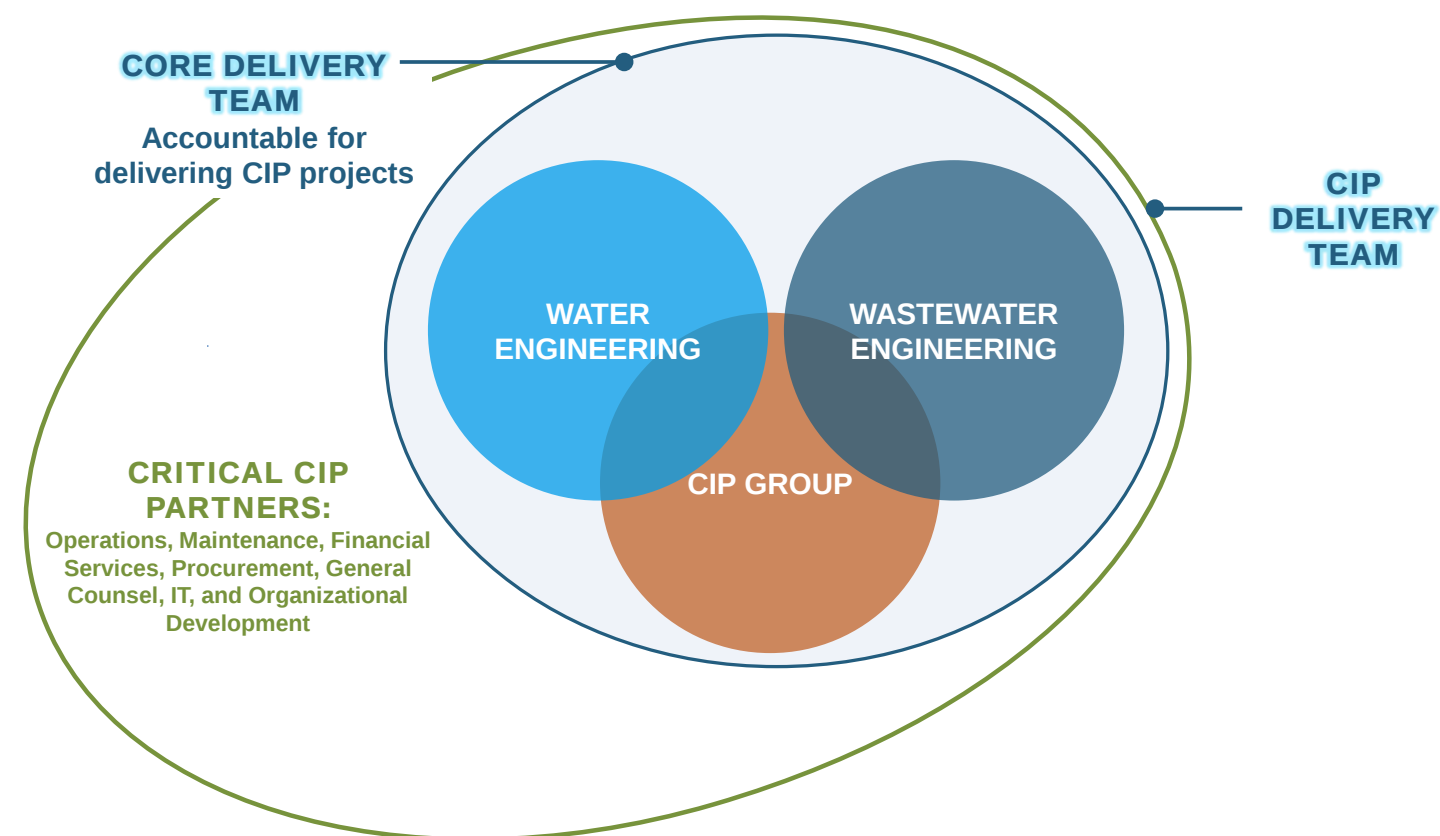
ACRONYMS

Abbrev.	Meaning
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A	Active
BCE	Business Case Evaluations
BS&A	Accounting Software
CIP	Capital Improvement Plan
CON	Construction
CPC	Capital Planning Committee
CPR	Capital Program Review
CSO	Combined Sewer Overflows
CSR	Capital Spend Ratio
CWSRF	Clean Water State Revolving Fund
DB	Design Build
DSC	Debit Service Coverage
DWSRF	Drinking Water State Revolving Fund
EOTF	Economic Outlook Taskforce
FP	Future Planned
FY	Fiscal Year
GDRSS	Greater Detroit Regional Sewer System
GLWA	Great Lakes Water Authority
HVAC	Heating, Ventilation, and Air Cooling
I&E	Improvement & Extension
LHTWP	Lake Huron Water Treatment Plant

Abbrev.	Meaning
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MBO	Master Bond Ordinance
N/A	Not Available
O&M	Operations and Maintenance
PC	Pending Closeouts
PE	Project Execution
PM	Project Manager
PS	Pump Station
RC	Review Committee
RFB	Request For Bids
RFP	Request For Proposals
RTB	Retention Treatment Basins
SCADA	Supervisory Control and Data Acquisition
SDF	Screening and Disinfection Facilities
SRA	Spend Rate Assumption
TBD	To Be Determined
W	Water
WAMR	Wholesale Automated Meter Reading
WRAP	Water Residential Assistance Program
WRRF	Water Resource Recovery Facility
WTP	Water Treatment Plants
WTM	Water Transmission Main
WW	Wastewater



BOARD MEMBERS, GLWA TEAM MEMBERS, MEMBER PARTNERS, AND SERVICE AREA COMMUNITIES,

On behalf of the Great Lakes Water Authority (GLWA) Capital Improvement Planning Delivery Team, it is my privilege to present to you Discussion Draft 2 of the Fiscal Year 2025-2029 Capital Improvement Plan (CIP).

The CIP, a forward-looking road map for GLWA's investments, delineates our water and wastewater infrastructure improvement strategy for both short and long-term horizons. This year, navigating the complexities of the market presented challenges in aligning the CIP with our financial plan. Despite these hurdles, the proposed plan encompasses 159 projects, representing an investment of approximately \$2.05 billion in the region's water and wastewater infrastructure over the next five years.

Outlined in the FY 25-29 CIP are projects designed to enhance the system's resiliency, redundancy, and operational efficiency, while steadfastly prioritizing health and safety. The collaborative effort invested in developing this plan has been extraordinary. I extend appreciation to GLWA's leadership for their support and commend the dedication of the CIP delivery team members who worked tirelessly to shape this comprehensive document. Our collective aim has been to consistently enhance the content, and this plan stands as a testament to that commitment.

Throughout the FY 25-29 CIP process, the CIP delivery team actively engaged with our Member Partner Communities through project scoring and various CIP presentations ensuring a transparent and inclusive approach. We value your ongoing support of the GLWA CIP development, and your feedback is integral to our shared success.

Should you have any questions or require additional information, please do not hesitate to reach out to me directly. Thank you for your dedication and partnership.

Thank You,

Dima S. El-Gamal, PhD, PE, LEED AP

Capital Improvement Planning Director

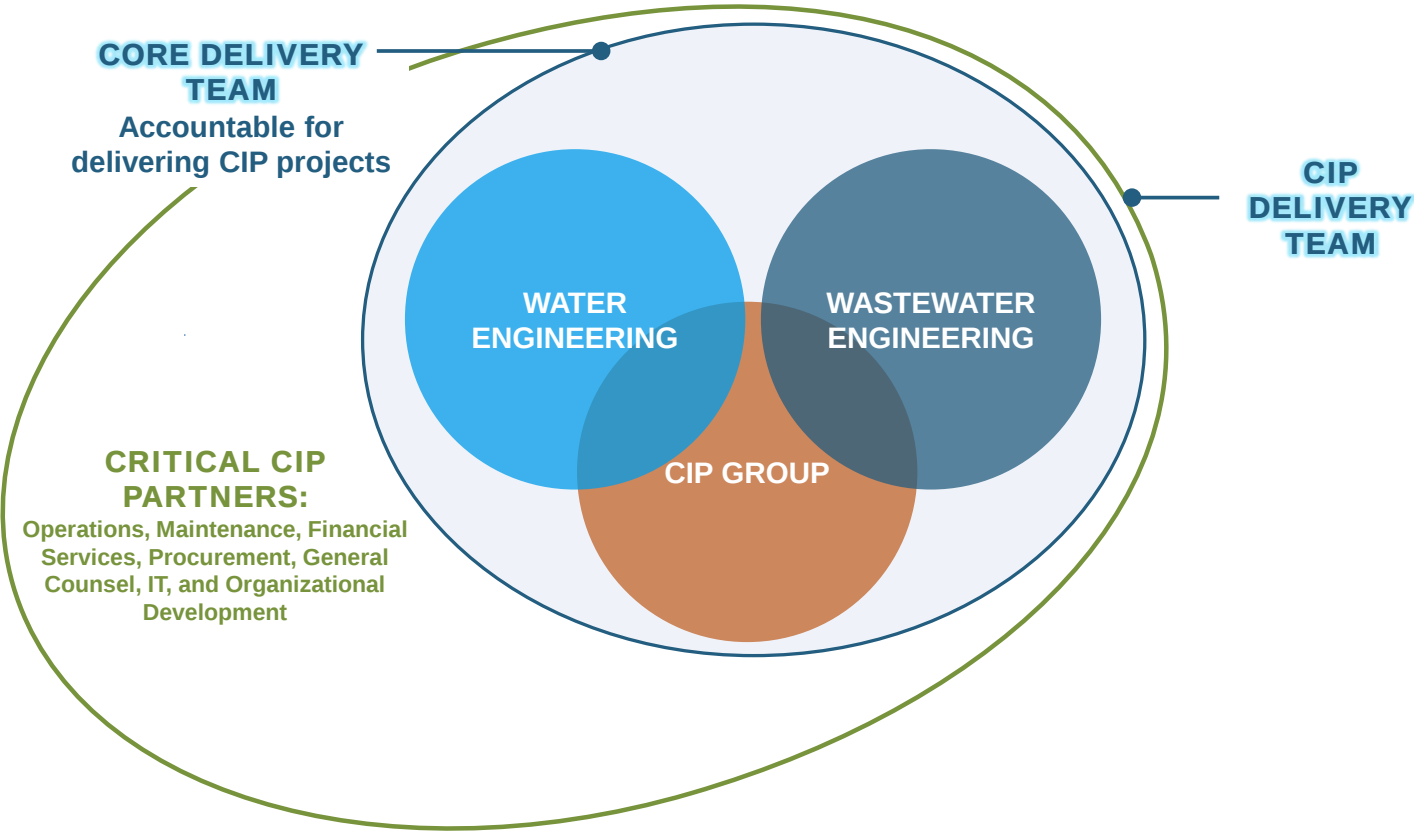
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INTRODUCTION

WATER CIP COMPARISON

Financial figures are in thousands of dollars (\$1,000's)

CIP Document	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	5-Year Total
Approved Water CIP FY 2024-2028	\$239,260	\$200,422	\$176,034	\$165,813	\$205,087	\$210,312	\$986,616
Water CIP FY 2025-2029		\$207,333	\$209,752	\$227,823	\$236,331	\$190,550	\$1,071,788
Difference		\$6,910	\$33,718	\$62,009	\$31,244	(\$19,761)	\$85,173
Difference %		3.45%	19.15%	37.40%	15.23%	-9.40%	8.63%

WASTEWATER CIP COMPARISON

Financial figures are in thousands of dollars (\$1,000's)

CIP Document	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	5-Year Total
Approved Wastewater CIP FY 2024-2028	\$199,061	\$190,159	\$159,044	\$133,732	\$116,180	\$135,663	\$798,176
Wastewater CIP FY 2025-2029		\$169,189	\$212,693	\$216,231	\$201,995	\$182,417	\$982,525
Difference		(\$20,970)	\$53,649	\$82,499	\$85,815	\$46,753	\$184,349
Difference %		-11.03%	33.73%	61.69%	73.86%	34.46%	23.10%

CIP SUMMARY

CENTRALIZED SERVICES

Financial figures are in thousands of dollars (\$1,000's)

Class Level 2	Class Level 3	Category Number	Lifetime Actual Thru FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 25-29 CIP Total	FY 30 & Beyond	Project Total
General Purpose	General Purpose	371x	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000	\$25,000
Programs	Programs	38xx	\$0	\$11	\$5	\$20	\$1,020	\$1,022	\$1,020	\$3,086	\$2,039	\$5,136

Please note that these project categories and projected budgets also appear in Water and Wastewater tables above.

