MAGNA WATER DISTRICT

MEETING PACKET

FOR THE

2027 BUDGET HEARING

AND

REGULAR BOARD MEETING

THURSDAY NOVEMBER 12, 2026

10:00 AM

8885 W 3500 S, MAGNA, UT 84044

GENERAL OFFICE BUILDING

(801)250-2118 Fax(801)250-1452

BUDGET HEARING AGENDA

PUBLIC HEARING AGENDA REGARDING THE TENTATIVE BUDGET FOR 2027

MAGNA WATER DISTRICT

MEETING DATE: November 12, 2026
TIME: 10:00 A.M.
LOCATION: 8885 W 3500 S, Magna, UT
General Office Building, Kim Bailey Board Room

1. Verification that legal notification requirements have been met:

Notice of this public hearing was placed on the Public Meeting Notice Website on 11/03/2026, on the District's website on 11/03/2026, and posting the notice three public places within the District's boundaries on 11/03/2026. The 2027 Tentative Budget has been available for public inspection since 11/03/2026. All requirements for notice of this public hearing were duly given according to Utah law.

2. Motion to open public comment session.

3. Call upon individuals who have completed and submitted a request card to address the Board of Trustees.

4. Motion to close public comment session.

5. Board discussion if needed.

6. Discussion of any updates, changes, and/or modifications to the 2027 Tentative Budget.

7. Consider approval of Resolution 2026-09 Adopting the District's 2027 Final Budget as amended.

8. Adjourn Public Hearing.

TENTATIVE BUDGET



2027
TENTATIVE
BUDGET

MAGNA WATER DISTRICT
2027 TENTATIVE BUDGET
CAPITAL SOURCES AND USES SUMMARY

CAPITAL FUND SOURCES

ESTIMATED AVAILABLE CASH 2027	$ 5,485,409	
DIVISION OF DRINKING WATER - LEAD & COPPER - LOAN OBTAINED	$ 288,139	
IMPACT FEES FOR RELATED PROJECTS	$ 536,737	
TAKE FROM RESERVES	$ 5,571,753	
LOAN/BOND	$ 14,500,000	
TOTAL CAPITAL FUND SOURCES		$ 26,382,038

CAPITAL FUND USES

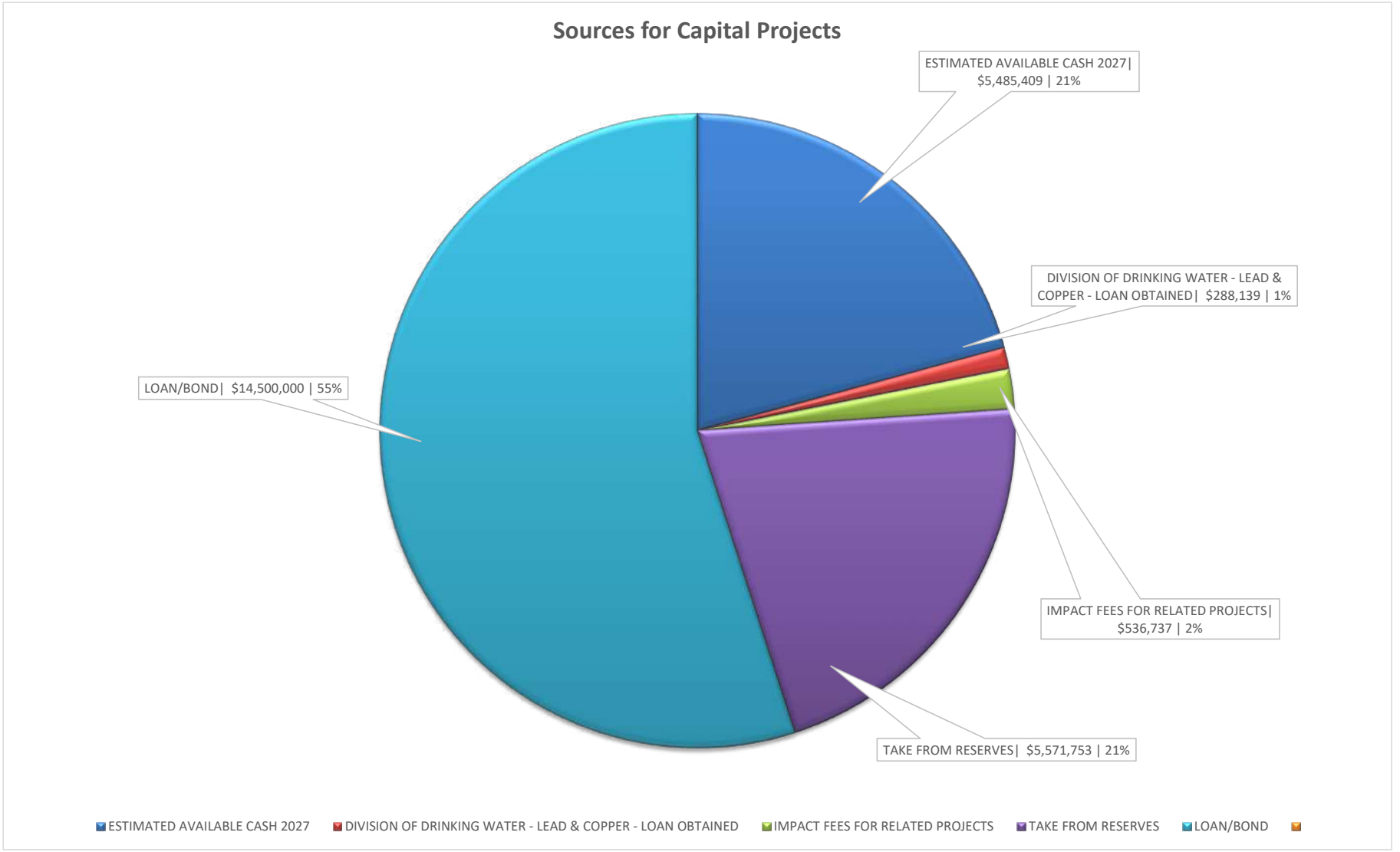
COMMITTED CARRYOVER PROJECTS AT 08/31/2026	$ 7,666,330	
PROPOSED NEW PROJECTS FOR 2027	$ 18,715,708	
TOTAL CAPITAL FUND USES		$ (26,382,038)
BALANCED BUDGET		$ 0

MAGNA WATER DISTRICT
2027 TENTATIVE BUDGET

	2025 ACTUAL	2025 BUDGET	2026 ESTIMATED YEAR END	2026 BUDGET	2027 TENTATIVE
OPERATING REVENUES:					
WATER SALES	$ 6,431,595	$ 5,643,213	$ 6,606,338	$ 6,294,145	$ 7,014,507
SEWER SERVICE CHARGES	$ 5,690,233	$ 5,097,038	$ 5,893,903	$ 6,031,276	$ 6,124,915
CONNECTION FEES & OTHER INCOME	$ (34,240)	$ 205,000	$ (1,597)	$ 85,000	$ 20,000
INSPECTION REVENUE	$ 273,625	$ 142,000	$ 250,860	$ 225,000	$ 303,000
ENGINEERING REVENUE	$ 96,159	$ 85,000	$ 53,926	$ 75,000	$ 65,000
NON RESIDENT FEE IN LIEU OF PR	$ 177,619	$ 140,000	$ 178,257	$ 155,000	$ 155,000
OTHER OPERATING INCOME	$ 112,392	$ 75,000	$ 74,520	$ 130,000	$ 124,165
GRANT OPERATING REVENUE	$ 99,012	$ 35,000	$ 110,000	$ -	$ 1,400,000
INDUSTRY COST SHARE INCOME	$ 321,181	$ 322,677	$ 338,168	$ 300,000	$ 350,000
TOTAL OPERATING REVENUE	$ 13,167,576	$ 11,744,928	$ 13,504,375	$ 13,295,421	$ 15,556,587
PROPERTY TAX REVENUE					
PROPERTY TAX REVENUE (CERTIFIED RATE)	$ 3,928,004	$ 3,726,749	$ 3,354,705	$ 3,352,705	$ 3,431,552
PROPERTY TAX REVENUE (CDRA INCREMENT)	$ 1,574,138	$ 1,575,000	$ 1,594,000	$ 1,650,000	$ 1,594,000
PROPERTY TAX REVENUE (MV REVENUE)	$ 186,148	$ 213,000	$ 157,687	$ 225,000	$ 185,000
PROPERTY TAX REVENUE (MISC REDEMPTIONS, ETC)	$ 201,899	$ 125,000	$ 142,563	$ 79,500	$ 145,000
PROPERTY TAXES COLLECT FOR 2028 BOND PMTS		$ (3,726,749)	$ (3,649,582)	$ (3,352,705)	$ (1,334,504)
ADD COLLECTED TAXES FOR 2027 PAYMENTS		$ 3,727,511	$ 3,649,582	$ 3,799,625	$ 1,333,180
TOTAL PROPERTY TAX REVENUE	$ 5,890,189	$ 5,640,511	$ 5,248,955	$ 5,754,125	$ 5,354,228
NON-OPERATING REVENUE					
PUBLIC WATER SYSTEM FEE	$ -	$ -	$ -	$ 50,000	$ -
BUY-IN REVENUE	$ 630,115	$ 975,000	$ 441,614	$ 835,000	$ 553,000
UNREALIZED GAIN/LOSS ON INVESTMENTS	$ -	$ -	$ -	$ -	$ -
GAIN/LOSS ON SALE OF ASSETS	$ (211,532)	$ 6,005,000	$ -	$ -	$ -
INTEREST INCOME INVESTMENTS	$ 1,113,710	$ 1,800,000	$ 878,392	$ 1,000,000	$ 750,000
FEES (DELINQUENT ACCTS)	$ 11,261	$ 6,000	$ 12,652	$ 8,800	$ 12,000
OTHER NON-OPER INCOME	$ 126,452	$ 11,000	$ 23,282	$ 51,000	$ 42,000
TOTAL NON-OPERATING INCOME	$ 1,670,006	$ 8,797,000	$ 1,355,940	$ 1,944,800	$ 1,357,000
TOTAL REVENUES	$ 20,727,771	$ 26,182,439	$ 20,109,270	$ 20,994,346	$ 22,267,815
OPERATING EXPENSES					
SALARIES	$ 3,218,717	$ 3,505,000	$ 3,378,096	$ 3,585,000	$ 3,737,000
PAYROLL TAXES - EMPLOYER	$ 268,054	$ 325,000	$ 290,604	$ 320,000	$ 343,000
BENEFITS	$ 1,811,698	$ 1,786,600	$ 1,615,585	$ 1,840,000	$ 1,858,500
PERFORMANCE & EVALUATION	$ -	$ 19,800	$ -	$ -	$ -
TRAINING	$ 90,681	$ 195,000	$ 106,552	$ 112,000	$ 120,000
LEASE EXPENSE	$ 40,895	$ 42,000	$ 41,599	$ 38,000	$ 45,000
UTILITIES	$ 1,285,599	$ 1,298,600	$ 1,305,610	$ 1,447,600	$ 1,390,950
MATERIALS and SUPPLIES	$ 2,492,871	$ 5,368,600	$ 2,671,290	$ 4,539,140	$ 3,719,500
CONTRACTUAL SERVICES	$ 611,633	$ 533,385	$ 464,639	$ 702,416	$ 791,600
BANKING FEES	$ 164,003	$ 150,000	$ 162,938	$ 155,000	$ 195,000
OTHER OPERATING EXPENSE	$ 433,936	$ 556,050	$ 487,841	$ 520,350	$ 610,600
OTHER NON-OPERATING EXPENSE	$ 32,284	$ 29,000	$ 42,721	$ 126,000	$ 66,000
PUBLIC WATER SYSTEM FEE	$ -	$ -	$ -	$ 50,000	$ 28,000
TOTAL OPERATING EXPENSES	$ 10,450,371	$ 13,809,035	$ 10,567,475	$ 13,435,506	$ 12,905,150
DEPRECIATION & AMORTIZATION	$ 5,842,474	$ 6,084,315	$ 6,125,389	$ 6,125,315	$ 6,589,315
RDA TAX INCREMENT	$ 1,574,138	$ 1,575,000	$ 1,594,000	$ 1,650,000	$ 1,594,000
	$ 7,416,612	$ 7,659,315	$ 7,719,389	$ 7,775,315	$ 8,183,315
DEBT SERVICE					
2026 REV BOND P & I PMTS	$ -	$ -	$ 7,151	$ 38,000	$ 27,665
2013 GO Bond P & I PMTS	$ 695,550	$ 696,000	$ 696,002	$ 696,001	$ 322,655
2017 GO Bond	$ 944,269	$ 944,700	$ 943,350	$ 943,350	$ 947,135
2019 GO Bond	$ 525,629	$ 526,200	$ 523,443	$ 523,442	$ 525,700
2007C Revenue Bond	$ 291,620	$ 291,700	$ 292,100	$ 292,100	$ 293,000
Capitilized Lease Payments	$ 120,845	$ 124,533	$ 308,226	$ 304,095	$ 113,855
2003 Water Resource Loan Pmt	$ 53,400	$ 53,400	$ 53,400	$ 53,300	$ 53,246
TOTAL DEBT SERVICE	$ 2,631,313	$ 2,636,533	$ 2,823,672	$ 2,850,288	$ 2,283,256

MAGNA WATER DISTRICT
2027 TENTATIVE BUDGET (Continued)

	2025 ACTUAL	2025 BUDGET	2026 ESTIMATED YEAR END	2026 BUDGET	2027 TENTATIVE
TOTAL EXPENSES	$ 20,498,296	$ 24,104,883	$ 21,110,536	$ 24,061,109	$ 23,371,721
NET REVENUES INCL DEPRECIATION	$ 229,475	$ 2,077,556	$ (1,001,266)	$ (3,066,763)	$ (1,103,906)
ADD BACK DEPRECIATION & LESS AMORTIZATION	$ 5,842,474	$ 6,084,315	$ 6,125,389	$ 6,125,315	$ 6,589,315
NET OPERATING REVENUES AVAILABLE FOR EQUIPMENT PURCHASES AND INFRASTRUCTURE IMPROVEMENTS/ADDITIONS	$ 6,071,949	$ 8,161,871	$ 5,124,123	$ 3,058,552	$ 5,485,409


Sources for Capital Projects
ESTIMATED AVAILABLE CASH 2027| $5,485,409 | 21%
DIVISION OF DRINKING WATER - LEAD & COPPER - LOAN OBTAINED| $288,139 | 1%
IMPACT FEES FOR RELATED PROJECTS| $536,737 | 2%
TAKE FROM RESERVES| $5,571,753 | 21%
LOAN/BOND| $14,500,000 | 55%
ESTIMATED AVAILABLE CASH 2027
DIVISION OF DRINKING WATER - LEAD & COPPER - LOAN OBTAINED
IMPACT FEES FOR RELATED PROJECTS
TAKE FROM RESERVES
LOAN/BOND

MAGNA WATER DISTRICT TENTATIVE 2027 BUDGET

RECAP OF ALL DIVISIONS

(REVENUES) & EXPENSES TOTAL DIVISIONS	2025 ACTUAL	2025 BUDGET	2026 ESTIMATED YEAR END	2026 BUDGET	2027 TENTATIVE
TOTAL INCOME	$ 28,129,135	$ 31,771,677	$ 22,994,075	$ 23,782,426	$ 25,117,139
TOTAL EXPENSES	$ 16,192,161	$ 19,810,035	$ 16,582,816	$ 19,375,506	$ 19,329,150
TOTAL BOND and LOANS and BANKING FEES	$ 2,315,268	$ 2,304,065	$ 2,322,079	$ 2,402,164	$ 2,287,320
COMBINED REVENUE OVER EXPENDITURES	$ 9,621,706	$ 9,657,577	$ 4,089,180	$ 2,004,756	$ 3,500,669

CAPITAL FACILITY PROJECTS TOTAL DIVISIONS	Existing	Future	Reserves	Funds/Grants	Total
WATER DIVISION	$ 2,094,131	$ -	$ -	$ 5,811,577	$ 7,905,708
SEWER DIVISION	$ 8,818,950	$ 571,050	$ -	$ -	$ 9,390,000
ADMINISTRATION DIVISION	$ 70,000	$ -	$ -	$ -	$ 70,000
SECONDARY WATER DIVISION	$ 1,299,950	$ 50,050	$ -	$ -	$ 1,350,000
COMBINED TOTAL CAPITAL ACQUISITIONS FOR YEAR ENDING DECEMBER 31, 2027	$ 12,283,031	$ 621,100	$ -	$ 5,811,577	$ 18,715,708

(INCREASE)/DECREASE COMPARISON 2026 TO 2027 BUDGET	2026 Budget	2027 Budget	Difference	% difference (inc)/dec
TOTAL INCOME	$ 23,782,426	$ 25,117,139	$ (1,334,713)	-5.61%
TOTAL EXPENSES	$ 19,375,506	$ 19,329,150	$ 46,356	0.24%
TOTAL BOND and LOANS and BANKING FEES	$ 2,402,164	$ 2,287,320	$ 114,844	4.78%
COMBINED (REVENUE) OVER EXPENSES	$ 2,004,756	$ 3,500,669	$ (1,495,913)	

PRIOR YEARS ACTUAL	2025	2024	2023	2022	2021
TOTAL INCOME	$ 28,129,135	$ 29,749,615	$ 35,841,207	$ 29,172,786	$ 26,177,108
TOTAL EXPENSES	$ 16,192,161	$ 15,874,466	$ 15,194,543	$ 12,165,313	$ 11,556,270
TOTAL BOND and LOANS and BANKING FEES	$ 2,315,268	$ 2,307,555	$ 2,270,870	$ 2,128,207	$ 2,045,137
COMBINED (REVENUE) OVER EXPENSES	$ 9,621,706	$ 11,567,594	$ 18,375,794	$ 14,879,266	$ 12,575,701

PRIOR YEARS ACTUAL	2020	2019	2018	2017	2016
TOTAL INCOME	$ 21,742,429	$ 14,033,156	$ 13,437,042	$ 11,455,523	$ 10,765,776
TOTAL EXPENSES	$ 10,882,282	$ 9,346,417	$ 8,954,708	$ 8,824,961	$ 8,519,352
TOTAL BOND and LOANS and BANKING FEES	$ 1,705,468	$ 1,443,956	$ 984,355	$ 582,833	$ 524,742
COMBINED (REVENUE) OVER EXPENSES	$ 9,154,679	$ 3,242,783	$ 3,497,980	$ 2,047,729	$ 1,721,681

PRIOR YEARS ACTUAL	2015	2014	2013	2012	2011
TOTAL INCOME	$ 12,442,719	$ 9,778,516	$ 9,445,667	$ 9,947,432	$ 9,363,659
TOTAL EXPENSES	$ 8,158,638	$ 8,331,085	$ 7,677,163	$ 7,204,078	$ 6,946,679
TOTAL BOND and LOANS and BANKING FEES	$ 439,669	$ 447,870	$ 723,311	$ 544,256	$ 606,058
COMBINED (REVENUE) OVER EXPENSES	$ 3,844,412	$ 999,560	$ 1,045,193	$ 2,199,099	$ 1,810,921

SUM OF ALL DIVISIONS

MAGNA WATER DISTRICT
2027 TENTATIVE BUDGET

	2025 ACTUAL	2025 BUDGET	2026 ESTIMATED YEAR END	2026 BUDGET	2027 TENTATIVE
SERVICE CHARGES INCOME	$ 12,121,828	$ 10,718,251	$ 12,500,241	$ 12,325,421	$ 13,139,422
PUBLIC WATER SYSTEM FEE	$ -	$ -	$ -	$ 50,000	$ -
METER SET INCOME	$ (34,240)	$ 205,000	$ (1,597)	$ 85,000	$ 20,000
INSPECTION REVENUE	$ 273,625	$ 142,000	$ 250,860	$ 225,000	$ 303,000
BUY IN REVENUE	$ 630,115	$ 975,000	$ 441,614	$ 835,000	$ 553,000
IMPACT FEE REVENUE	$ 1,184,966	$ 2,090,000	$ 934,805	$ 1,500,000	$ 1,148,000
INCOME CONTRIBUTED CAPITAL	$ 6,216,398	$ 3,500,000	$ 1,950,000	$ 1,735,000	$ 1,700,000
METER TAMPERING FEES	$ 2,400	$ 1,000	$ 3,600	$ 800	$ 3,000
FEES (DELINQUENT ACCTS)	$ 8,861	$ 5,000	$ 9,052	$ 8,000	$ 9,000
OTHER OPERATING INCOME	$ 112,392	$ 75,000	$ 74,520	$ 130,000	$ 124,165
ENGINEERING REVENUE - SUBDIVISIONS	$ 96,159	$ 85,000	$ 53,926	$ 75,000	$ 65,000
NON RESIDENT FEE INCOME	$ 177,619	$ 140,000	$ 178,257	$ 155,000	$ 155,000
SUBSIDY FROM CULINARY TO SECONDARY	$ -	$ 22,000	$ -	$ -	$ -
PROPERTY TAX REVENUE (CERTIFIED RATE)	$ 3,928,004	$ 3,726,749	$ 3,354,705	$ 3,352,705	$ 3,431,552
PROPERTY TAX REVENUE (CDRA INCREMENT)	$ 1,574,138	$ 1,575,000	$ 1,594,000	$ 1,650,000	$ 1,594,000
PROPERTY TAX REVENUE (MV REVENUE)	$ 186,148	$ 213,000	$ 157,687	$ 225,000	$ 185,000
PROPERTY TAX REVENUE (MISC REDEMPTIONS, ETC)	$ 201,899	$ 125,000	$ 142,563	$ 79,500	$ 145,000
UNREALIZED GAIN ON INVESTMENTS	$ -	$ -	$ -	$ -	$ -
GAIN ON SALE OF ASSETS	$ (211,532)	$ 6,005,000	$ -	$ -	$ -
INDUSTRY COST SHARE INCOME	$ 321,181	$ 322,677	$ 338,168	$ 300,000	$ 350,000
OTHER NON-OPERATING INCOME	$ 126,452	$ 11,000	$ 23,282	$ 51,000	$ 42,000
GRANT MONIES & JVWCD CONSERVATION GRANT	$ 99,012	$ 35,000	$ 110,000	$ -	$ 1,400,000
INTEREST INCOME-INVESTMS	$ 1,113,710	$ 1,800,000	$ 878,392	$ 1,000,000	$ 750,000
TOTAL INCOME	$ 28,129,135	$ 31,771,677	$ 22,994,075	$ 23,782,426	$ 25,117,139
SALARIES AND BENEFITS:					
SALARIES	$ 3,218,717	$ 3,505,000	$ 3,378,096	$ 3,585,000	$ 3,737,000
PAYROLL TAXES	$ 268,054	$ 325,000	$ 290,604	$ 320,000	$ 343,000
EMPLOYEE FRINGE BENEFITS	$ 1,807,948	$ 1,777,000	$ 1,612,371	$ 1,832,000	$ 1,852,000
EMPLOYEE HEALTH & WELLNESS PROGRAM	$ 3,750	$ 9,600	$ 3,214	$ 8,000	$ 6,500
TOTAL SALARIES AND BENEFITS	$ 5,298,469	$ 5,616,600	$ 5,284,285	$ 5,745,000	$ 5,938,500
PUBLIC SYSTEM WATER FEE	$ -	$ -	$ -	$ 50,000	$ 28,000
LEGAL EXPENSE	$ 41,111	$ 45,000	$ 31,146	$ 45,000	$ 45,000
ACCOUNTING AND AUDITING	$ 20,000	$ 35,000	$ 17,800	$ 25,000	$ 25,000
PAYROLL PROCESSING SERVICE	$ 1,863	$ 2,000	$ 1,837	$ 2,000	$ 2,000
HUMAN RESOURCES	$ 3,578	$ 2,110	$ 2,160	$ 5,000	$ 6,500
ENGINEERING EXP - SUBDIVISIONS	$ -	$ -	$ -	$ -	$ -
ENGINEERING EXPENSE (SEE PAGE 28 & 29 FOR DETAILS)	$ 300,125	$ 150,000	$ 168,737	$ 345,716	$ 405,000
DATA PROCESSING	$ 37,234	$ 25,000	$ 41,875	$ 61,800	$ 71,000
DATA PROC.MAINT. SERVICE	$ 51,111	$ 66,000	$ 43,521	$ 50,000	$ 50,000
OTHER CONTRACTUAL SERVICE	$ 28,681	$ 26,275	$ 26,006	$ 25,000	$ 27,000
OFFICE RUGS & TOILETRIES	$ 5,883	$ 3,000	$ 6,727	$ 7,000	$ 7,000
ELECTRONIC ARCHIVING	$ -	$ 5,000	$ 4,500	$ 5,000	$ 5,000
MAINTENANCE CONTRACTS	$ 6,122	$ 7,000	$ 4,873	$ 7,000	$ 5,000
EQUIPMENT LEASE EXPENSE	$ 40,895	$ 42,000	$ 41,599	$ 38,000	$ 45,000
JANITORIAL	$ 18,635	$ 20,000	$ 21,371	$ 19,900	$ 26,400
LAB & TESTING	$ 101,722	$ 134,000	$ 103,208	$ 114,000	$ 126,000
INSPECTION EXPENSE	$ -	$ 20,000	$ -	$ -	$ -
WATER PURCHASED	$ 379,284	$ 330,000	$ 370,602	$ 390,000	$ 390,000
REPAIRS AND MAINT (SEE PG 28 & 29 FOR DETAILS)	$ 1,200,864	$ 4,091,000	$ 1,389,711	$ 3,211,640	$ 1,810,000
SLUDGE REMOVAL	$ 178,049	$ 180,000	$ 171,277	$ 195,000	$ 645,000
UNIFORMS AND LINEN	$ 32,669	$ 46,000	$ 30,201	$ 40,000	$ 41,000
FIRST AID & SAFETY	$ 5,521	$ 7,000	$ 5,990	$ 7,000	$ 7,700
WVC STORMWATER UTILITY BILLING	$ 1,562	$ 1,600	$ 1,562	$ 1,600	$ 1,600

SUM OF ALL DIVISIONS (CONTINUED)

MAGNA WATER DISTRICT
2027 TENTATIVE BUDGET

	2025 ACTUAL	2025 BUDGET	2026 ESTIMATED YEAR END	2026 BUDGET	2027 TENTATIVE
GARBAGE COLLECTION	$ 31,717	$ 47,500	$ 37,016	$ 42,500	$ 43,500
OFFICE SUPPLIES	$ 12,589	$ 12,100	$ 19,157	$ 22,000	$ 24,000
OFFICE EQUIPMENT	$ 14,662	$ 20,000	$ 5,970	$ 20,000	$ 18,000
POSTAGE/3RD PARTY BILLING PROCESS	$ 77,125	$ 85,000	$ 69,646	$ 85,000	$ 85,000
QUESTAR GAS	$ 72,808	$ 156,000	$ 77,665	$ 103,000	$ 89,000
ROCKY MOUNTAIN POWER	$ 1,127,987	$ 1,060,000	$ 1,123,899	$ 1,255,000	$ 1,183,850
CHEMICALS	$ 555,659	$ 547,000	$ 566,138	$ 520,000	$ 650,000
TELEPHONE/DATA SERVICES	$ 48,435	$ 47,500	$ 59,019	$ 50,000	$ 68,000
PERFORMANCE & EVALUATION	$ -	$ 19,800	$ -	$ -	$ -
CELLULAR - PHONES SERVICE	$ 34,807	$ 33,500	$ 43,465	$ 38,000	$ 48,500
DEPRECIATION	$ 5,938,077	$ 6,180,000	$ 6,221,000	$ 6,221,000	$ 6,685,000
VEHICLE/EQUIPMENT GAS & REPAIR	$ 120,929	$ 163,000	$ 144,925	$ 139,000	$ 208,050
CONSERVATION	$ -	$ 35,000	$ -	$ -	$ -
WEB DEVELOPMENT	$ 300	$ 1,000	$ 960	$ 1,000	$ 1,000
TRAINING	$ 90,681	$ 195,000	$ 106,552	$ 112,000	$ 120,000
DUES, MEMBERSHIPS	$ 21,641	$ 33,000	$ 32,231	$ 33,000	$ 35,000
BAD DEBTS/LEAK CREDITS	$ 30,377	$ 17,300	$ 20,327	$ 37,300	$ 39,300
INSURANCE	$ 239,997	$ 280,700	$ 265,952	$ 281,000	$ 289,200
ADVERTISING & PUBLIC RELA	$ 11,205	$ 5,000	$ 14,965	$ 9,000	$ 20,000
MISC. OPERATING EXPENSE	$ 9,926	$ 17,000	$ 5,045	$ 16,000	$ 14,000
CASH SHORTAGE/OVERAGE	$ (139)	$ 50	$ (104)	$ 50	$ 50
TOTAL OPER EXPENDITURES & SALARIES	$ 16,192,161	$ 19,810,035	$ 16,582,816	$ 19,375,506	$ 19,329,150
CDRA PROPERTY TAX EXPENSE	$ 1,574,138	$ 1,575,000	$ 1,594,000	$ 1,650,000	$ 1,594,000
BANK SERVICE FEES	$ 164,003	$ 150,000	$ 162,938	$ 155,000	$ 195,000
AMORTIZ OF PREMIUM DISC 2013	$ (16,997)	$ (17,001)	$ (17,001)	$ (17,001)	$ (17,001)
AMORTIZ OF PREMIUM DISC 2017	$ (43,470)	$ (43,542)	$ (43,470)	$ (43,542)	$ (43,542)
AMORTIZ OF PREMIUM DISC 2019	$ (35,136)	$ (35,142)	$ (35,140)	$ (35,142)	$ (35,142)
2026 REVENUE BOND COSTS OF ISSUANCE	$ -	$ -	$ 39,900	$ -	$ -
LEASE INTERST EXPENSE	$ 27,562	$ 31,250	$ 24,786	$ 20,655	$ 35,050
INTEREST EXP 2007 REV BOND	$ 55,620	$ 55,700	$ 52,100	$ 52,100	$ 49,000
INTEREST EXP 2013 BOND 48.22%	$ 55,550	$ 56,000	$ 36,001	$ 36,001	$ 22,655
INTEREST EXPENSE ON 2017 GO BOND	$ 309,269	$ 309,700	$ 283,350	$ 283,350	$ 257,135
INTEREST EXPENSE ON 2019 GO BOND	$ 190,629	$ 191,200	$ 173,443	$ 173,443	$ 155,700
INTEREST EXPENSE ON 2026 REV BOND	$ -	$ -	$ 7,151	$ -	$ 7,665
INTEREST EXPENSE WATER RESOURCE LOAN	$ 1,816	$ 1,900	$ 1,300	$ 1,300	$ 800
OTHER NON-OPERATING EXPNS	$ 32,284	$ 29,000	$ 42,721	$ 126,000	$ 66,000
TOTAL NON OPERATING (REV) & EXP	$ 2,315,268	$ 2,304,065	$ 2,322,079	$ 2,402,164	$ 2,287,320
NET REVENUE OVER EXPENDITURES	$ 9,621,706	$ 9,657,577	$ 4,089,180	$ 2,004,756	$ 3,500,669

Cash Flow Projection
2027 TENTATIVE BUDGET

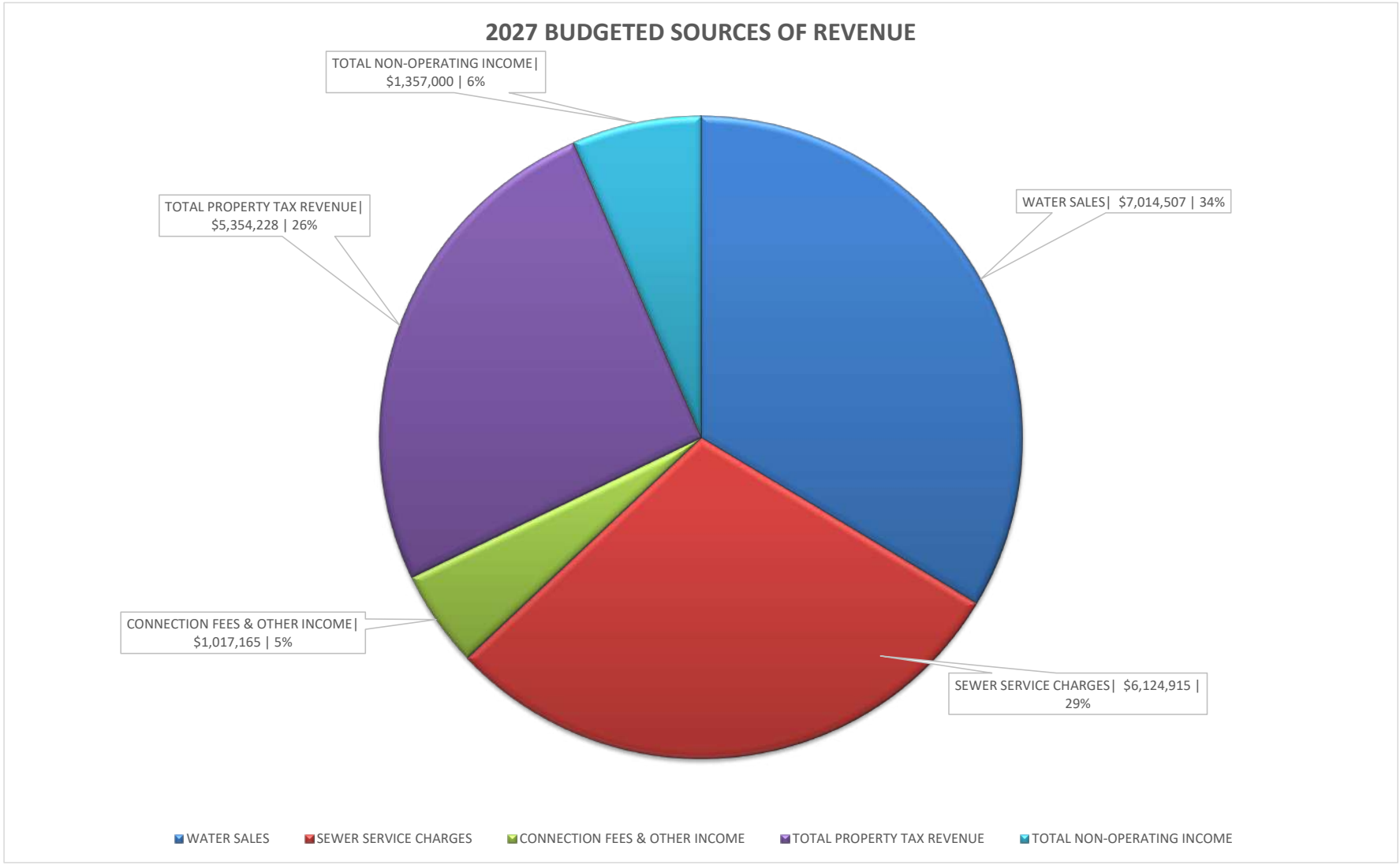
Projected 2027 Ending Net Income	$	3,500,669
Non-cash revenue - 2013 amort bond premium	$	(17,001)
Non-cash revenue - 2017 amort bond premium	$	(43,542)
Non-cash revenue - 2019 amort bond premium	$	(35,142)
Back Out budgeted taxes for 2028 Bond Payments	$	(1,334,504)
Add Back taxes collected for 2027 Bond Payments	$	1,333,180
Add Back Funded Depreciation	$	6,685,000
Back Out Impact Fees (Capital Facilities Plan only)	$	(1,148,000)
Back Out contributed Capital	$	(1,700,000)
Bond Principal Payments		
2026 REV Bond	$	(20,000)
2013 GO Bond	$	(300,000)
2017 GO Bond	$	(690,000)
2019 GO Bond	$	(370,000)
2007C Revenue Bond	$	(244,000)
Capitilized Lease Payments	$	(78,805)
2003 Water Resource Loan Pmt	$	(52,446)
Estimated Cash Available Cap Acq	$	5,485,409

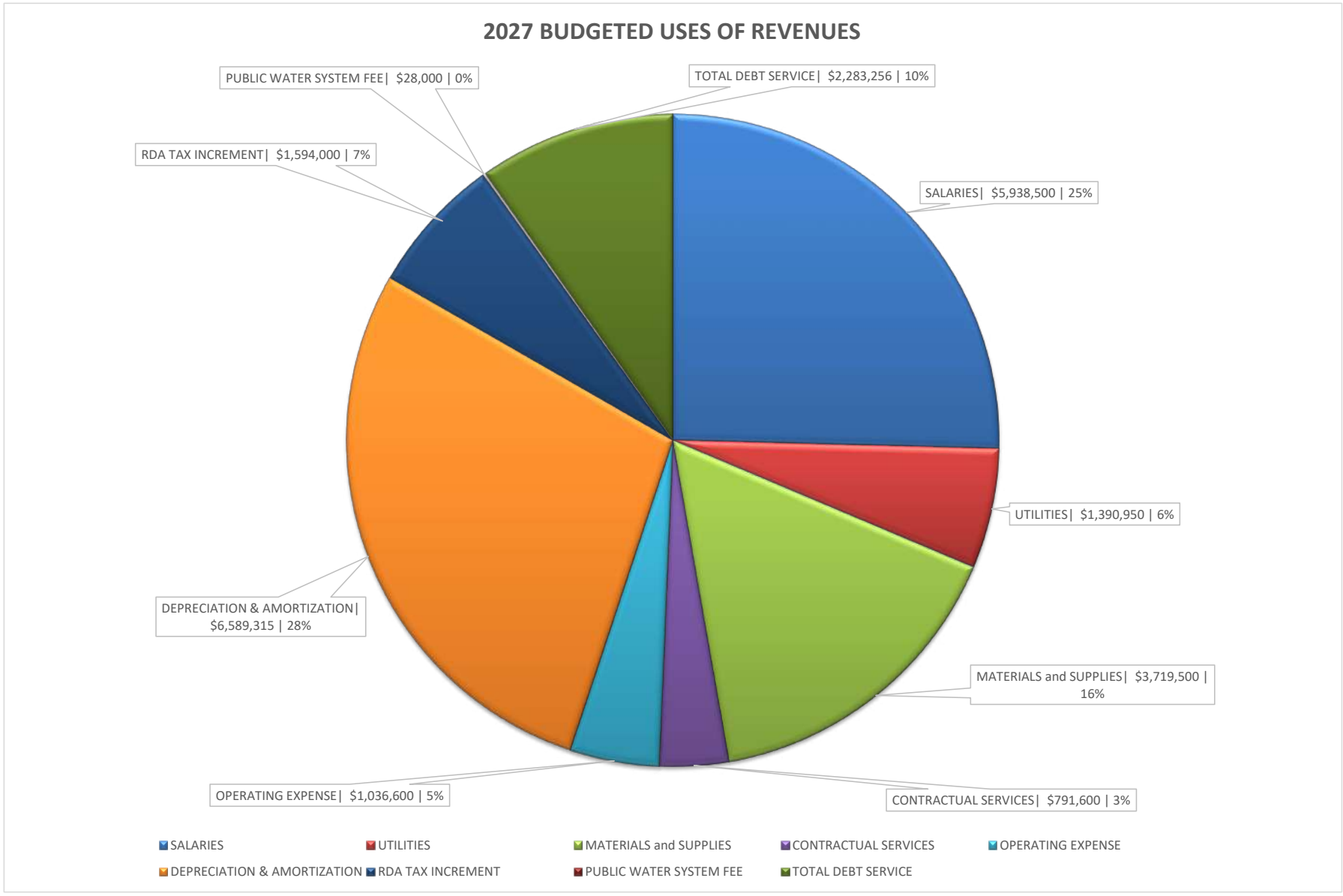
District Capital Facility Improvements
for the Year Ending December 31, 2027
2027 TENTATIVE BUDGET

	Existing	Future	Reserves	Bonding/Grant	Total
WATER DIVISION					
Meter Replacement Program	$ 250,000				$ 250,000
EDR PCM-590 & Ethernet Update	$ 25,000				$ 25,000
2027 Waterline Replacement Project Master Plan Project CM-9 - Design Only	$ 100,000				$ 100,000
Haynes Well #8 - Well Pump Station CMS & Construction	$ 988,423			$ 1,311,577	$ 2,300,000
Haynes 9 Well Rehabilitation	$ 200,000				$ 200,000
EDR Stack Replacement	$ 530,708				$ 530,708
EDR Finish & Feed Tank (CM & Construction)				$ 4,500,000	$ 4,500,000
SEWER DIVISION					
Plant Sensors & Instrumentation	$ 65,000				$ 65,000
West Side Collection Project 2 (CMS & Construction) So Frontage Rd, 8400 W to 8000 W	$ 4,241,200	$ 358,800			$ 4,600,000
West Side Collection Project 3 (CMS & Construction) So Frontage Rd, 8800 W to 8400 W	$ 3,632,800	$ 167,200			$ 3,800,000
West Side Collection Projec 4 (design only) 9200 West Trunk, Reach 1	$ 238,250	$ 11,750			$ 250,000
Aeration Alternative Study & Final Design Aeration upgrades per 2025 WRF Master Plan	$ 266,700	$ 33,300			$ 300,000
8000 W Manhole Repair & Rehabilitation	$ 150,000				$ 150,000
Sludge Hauling Trailer (Needed due to ET site Shutdown)	$ 150,000				$ 150,000
Huber Rebuild - Recommended every 8 years Installed in 2007 - 2009	$ 75,000				$ 75,000

District Capital Facility Improvements (Continued)
for the Year Ending December 31, 2027
2027 TENTATIVE BUDGET

	Existing	Future	Reserves	Bonding/Grant	Total
ADMINISTRATION DIVISION					
Upgrade Security Cameras including add to downstairs	$ 50,000				$ 50,000
Utility Locator Device (2)	$ 5,000				$ 5,000
Office Copier/Scanner/Printer	$ 15,000				$ 15,000
SECONDARY WATER DIVISION					
Secondary Water Line - 7200 W (CMS & Construction)	$ 1,000,000	$ -	$ -	$ -	$ 1,000,000
2027 Secondary Waterline Project Design Only	$ 124,950	$ 50,050			$ 175,000
7450 W Gardenia Avenue Connect School to Secondary Water	$ 50,000				$ 50,000
Flushing & Looping Project Add blow offs, SW Fire Hydrants or loop SW	$ 100,000				$ 100,000
Secondary Booster Station Zone 3 Cooling	$ 25,000				$ 25,000
TOTAL	$ 12,283,031	$ 621,100	$ -	$ 5,811,577	$ 18,715,708


2027 BUDGETED SOURCES OF REVENUE
TOTAL NON-OPERATING INCOME| $1,357,000 | 6%
WATER SALES| $7,014,507 | 34%
TOTAL PROPERTY TAX REVENUE| $5,354,228 | 26%
CONNECTION FEES & OTHER INCOME| $1,017,165 | 5%
SEWER SERVICE CHARGES| $6,124,915 | 29%
WATER SALES
SEWER SERVICE CHARGES
CONNECTION FEES & OTHER INCOME
TOTAL PROPERTY TAX REVENUE
TOTAL NON-OPERATING INCOME


2027 BUDGETED USES OF REVENUES
PUBLIC WATER SYSTEM FEE| $28,000 | 0%
TOTAL DEBT SERVICE| $2,283,256 | 10%
RDA TAX INCREMENT| $1,594,000 | 7%
SALARIES| $5,938,500 | 25%
UTILITIES| $1,390,950 | 6%
DEPRECIATION & AMORTIZATION| $6,589,315 | 28%
MATERIALS and SUPPLIES| $3,719,500 | 16%
OPERATING EXPENSE| $1,036,600 | 5%
CONTRACTUAL SERVICES| $791,600 | 3%
SALARIES
UTILITIES
MATERIALS and SUPPLIES
CONTRACTUAL SERVICES
OPERATING EXPENSE
DEPRECIATION & AMORTIZATION
RDA TAX INCREMENT
PUBLIC WATER SYSTEM FEE
TOTAL DEBT SERVICE

MAGNA WATER DISTRICT
2027 TENTATIVE BUDGET

WATER DIVISION

	2025 ACTUAL	2025 BUDGET	2026 ESTIMATED YEAR END	2026 BUDGET	2027 TENTATIVE
WATER REVENUE					
WATER SALES	$ 5,827,110	$ 5,121,703	$ 6,020,338	$ 5,539,599	$ 6,390,000
PUBLIC WATER SYSTEM FEE	$ -	$ -	$ -	$ 50,000	$ -
WATER METER SET	$ (1,906)	$ 150,000	$ 11,717	$ 30,000	$ 15,000
WATER INSPECTION	$ 102,622	$ 52,000	$ 87,096	$ 80,000	$ 113,000
WATER BUY-IN	$ 194,474	$ 350,000	$ 178,977	$ 300,000	$ 203,000
WATER IMPACT FEE	$ 861,292	$ 1,640,000	$ 738,811	$ 1,050,000	$ 898,000
INCOME CONTRIBUTED CAPITAL	$ 2,523,216	$ 1,500,000	$ 800,000	$ 635,000	$ 600,000
METER TAMPERING FEE	$ 2,400	$ 1,000	$ 3,600	$ 800	$ 3,000
FEES (DELINQUENT ACCTS)	$ 8,861	$ 5,000	$ 9,052	$ 8,000	$ 9,000
OTHER OPER. INCOME-WATER	$ 112,392	$ 75,000	$ 74,520	$ 130,000	$ 124,165
PROPERTY TAX REVENUE (CERTIFIED RATE)	$ 1,686,648	$ 1,600,297	$ 1,419,765	$ 1,419,766	$ 1,460,557
PROPERTY TAX REVENUE (CDRA INCREMENT)	$ 675,935	$ 650,000	$ 750,000	$ 700,000	$ 750,000
PROPERTY TAX REVENUE (MV REVENUE)	$ 79,919	$ 90,000	$ 67,060	$ 110,000	$ 80,000
PROPERTY TAX REVENUE (MISC REDEMPTIONS, ETC)	$ 82,874	$ 50,000	$ 60,672	$ 35,000	$ 60,000
GAIN ON SALE OF ASSETS	$ (211,745)	$ 6,000,000	$ -	$ -	$ -
INDUSTRY COST SHARE INCOME	$ 321,181	$ 322,677	$ 338,168	$ 300,000	$ 350,000
OTHER NON-OPERATING INCOM	$ 41,578	$ 5,000	$ 9,802	$ -	$ -
GRANT MONIES	$ 60,000	$ -	$ 100,000	$ -	$ 1,400,000
TOTAL WATER REVENUE	$ 12,366,851	$ 17,612,677	$ 10,669,578	$ 10,388,165	$ 12,455,722
WATER EXPENDITURES					
SALARIES AND BENEFITS:					
SALARIES - WATER	$ 1,136,872	$ 1,165,000	$ 1,239,645	$ 1,190,000	$ 1,215,000
PAYROLL TAXES	$ 96,391	$ 110,000	$ 107,003	$ 110,000	$ 120,000
EMPLOYEE FRINGE BENEFITS	$ 427,383	$ 455,000	$ 476,541	$ 450,000	$ 435,000
EMPLOYEE HEALTH & WELLNESS PROGRAM	$ 1,250	$ 4,800	$ 1,250	$ 4,000	$ 2,500
TOTAL SALARIES AND BENEFITS	$ 1,661,896	$ 1,734,800	$ 1,824,439	$ 1,754,000	$ 1,772,500
PUBLIC WATER SYSTEM FEE	$ -	$ -	$ -	$ 50,000	$ 28,000
ENGINEERING (SEE PAGE 28 & 29 FOR DETAIL)	$ 5,147	$ 120,000	$ 62,534	$ 227,000	$ 205,000
MAINTENANCE CONTRACTS	$ 6,122	$ 7,000	$ 4,873	$ 7,000	$ 5,000
EQUIPMENT LEASE EXPENSE	$ 40,895	$ 42,000	$ 41,599	$ 38,000	$ 45,000
JANITORIAL EDR	$ 6,504	$ 6,700	$ 4,500	$ 6,700	$ 6,700
WATER LAB & TESTING	$ 27,282	$ 52,000	$ 24,618	$ 40,000	$ 40,000
FIRST AID & SAFETY	$ 2,795	$ 3,000	$ 3,228	$ 3,000	$ 3,700
OTHER CONTRACTUAL SERVICE	$ 13,875	$ 12,000	$ 12,000	$ 12,000	$ 12,000
INSPECTION EXPENSE	$ -	$ 5,000	$ -	$ -	$ -
WATER PURCHASED	$ 379,284	$ 330,000	$ 370,602	$ 390,000	$ 390,000
REPAIRS MAINTENANCE (SEE PAGE 28 & 29 FOR DETAILS)	$ 527,924	$ 1,016,000	$ 536,307	$ 1,053,640	$ 625,000
UNIFORMS AND LINEN WATER	$ 16,634	$ 20,000	$ 12,048	$ 20,000	$ 20,000
STORMWATER FEE/EDR	$ 1,562	$ 1,600	$ 1,562	$ 1,600	$ 1,600
GARBAGE COLLECTION	$ 6,485	$ 7,500	$ 8,320	$ 7,500	$ 8,500
OFFICE SUPPLIES	$ 3,083	$ 2,100	$ 4,595	$ 3,000	$ 5,000
OFFICE EQUIPMENT	$ 3,140	$ 5,000	$ 1,271	$ 5,000	$ 3,000
QUESTAR GAS	$ 32,228	$ 65,000	$ 36,564	$ 45,000	$ 45,000
ROCKY MOUNTAIN POWER	$ 625,162	$ 650,000	$ 643,288	$ 720,000	$ 671,650
CHEMICALS WATER PLANT	$ 86,306	$ 115,000	$ 64,165	$ 110,000	$ 90,000
TELEPHONE/DATA SERVICES	$ 12,899	$ 15,500	$ 17,100	$ 17,000	$ 18,000
PERFORMANCE & EVALUATION	$ -	$ 6,600	$ -	$ -	$ -
CELLULAR - PHONES SERVICE	$ 11,127	$ 10,000	$ 17,385	$ 9,500	$ 18,000
DEPRECIATION-WATER UTILTY	$ 2,944,376	$ 2,800,000	$ 2,985,000	$ 2,985,000	$ 3,300,000
VEHICLE/EQUIPMENT GAS & REPAIR	$ 72,649	$ 80,000	$ 87,559	$ 75,000	$ 113,850
CONSERVATION	$ -	$ 35,000	$ -	$ -	$ -
TRAINING	$ 29,767	$ 60,000	$ 27,806	$ 35,000	$ 30,000
DUES, MEMBERSHIPS	$ 5,108	$ 6,000	$ 7,425	$ 6,000	$ 8,000
BAD DEBTS	$ 29,797	$ 15,000	$ 17,107	$ 35,000	$ 35,000
INSURANCE	$ 112,690	$ 110,000	$ 132,585	$ 130,000	$ 140,000
MISC. OPERATING EXPENSE	$ 3,228	$ 5,000	$ 2,395	$ 5,000	$ 5,000
EDR MAINTENANCE	$ 111,043	$ 380,000	$ 100,000	$ 300,000	$ 250,000
EDR CHEMICALS	$ 59,902	$ 45,000	$ 60,000	$ 45,000	$ 60,000
EDR SAMPLING	$ 4,370	$ 7,000	$ 4,845	$ 6,000	$ 6,000
TOTAL OPER EXPENDITURES & SALARIES	$ 6,843,280	$ 7,769,800	$ 7,115,720	$ 8,141,940	$ 7,961,500

MAGNA WATER DISTRICT
2027 TENTATIVE BUDGET

WATER DIVISION (Continued)

	2025 ACTUAL	2025 BUDGET	2026 ESTIMATED YEAR END	2026 BUDGET	2027 TENTATIVE
NON OPERATING & BONDING EXPENSES:					
CDRA PROPERTY TAX EXPENSE	$ 675,935	$ 650,000	$ 750,000	$ 700,000	$ 750,000
AMORTIZ OF PREMIUM DISC 2013	$ (8,196)	$ (8,200)	$ (8,200)	$ (8,200)	$ (8,200)
AMORT OF PREMIUM DISC 2017	$ (13,728)	$ (13,800)	$ (13,728)	$ (13,800)	$ (13,800)
2019 GO BOND PREMIUM AMORT	$ (11,096)	$ (11,100)	$ (11,100)	$ (11,100)	$ (11,100)
2026 BOND ISSUANCE COSTS	$ -	$ -	$ 39,900	$ -	$ -
LEASE INTERST EXPENSE	$ 14,918	$ 16,850	$ 13,144	$ 11,205	$ 15,000
INTEREST EXP 2007 REV BOND	$ 55,620	$ 55,700	$ 52,100	$ 52,100	$ 49,000
INTEREST EXP 2013 BOND 48.22%	$ 26,786	$ 27,000	$ 17,360	$ 17,360	$ 11,000
INTEREST EXPENSE 2017 GO BOND	$ 97,667	$ 98,000	$ 89,500	$ 89,500	$ 81,000
INTEREST EXP FOR 2019 BOND	$ 60,201	$ 60,200	$ 54,773	$ 54,773	$ 49,200
INTEREST EXP FOR 2026 REV BOND	$ -	$ -	$ 7,151	$ -	$ 7,665
OTHER NON-OPERATING EXPNS	$ 381	$ 3,000	$ 871	$ 1,000	$ 1,000
TOTAL NON OPERATING (REV) & EXP	$ 898,488	$ 877,650	$ 991,771	$ 892,838	$ 930,765
NET REVENUE OVER EXPENDITURES	$ 4,625,083	$ 8,965,227	$ 2,562,087	$ 1,353,387	$ 3,563,457

Cash Flow Projection
2027 TENTATIVE BUDGET

WATER DIVISION

Projected 2027 Ending Net Income		$ 3,563,457
Less Administrative Portion		$ (1,727,501)
Subtotal		$ 1,835,956
Non-cash revenue - 2013 amort bond premium		$ (8,200)
Non-cash revenue - 2017 amort bond premium		$ (13,800)
Non-cash revenue - 2019 amort bond premium		$ (11,100)
Back Out Taxes Collected for 2028 Bond Payments		$ (478,278)
Add back Taxes Collected for 2027 Bond Payments		$ 477,718
Add Back Funded Depreciation		$ 3,300,000
Administration Portion of Depreciation		$ 301,235
Back Out Impact Fees		$ (898,000)
Back Out Contributed Capital		$ (600,000)
Bond Principal Payments		
2026 REV Bond	$ 8,000	$ (20,000)
2013 GO Bond (300000 * .4822)	$ 11,211	$ (144,660)
2017 GO Bond (690000* .3158)	$ 81,622	$ (217,902)
2019 GO Bond (370000 * .3158)	$ 49,549	$ (116,846)
2007C Revenue Bond	$ 52,020	$ (244,000)
Capitilized Lease Payments		$ (33,752)
Portion of Admin Cap Lease Pmts	11497*(.5477)	$ (6,297)
Estimated Cash Available Cap Acq		$ 3,122,074

District Water Capital Facility Improvements
for the Year Ending December 31, 2027
2027 TENTATIVE BUDGET

WATER DIVISION

	Existing	Future	Reserves	Funds/Grants	Total
Meter Replacement Program	$ 250,000				$ 250,000
EDR PCM-590 & Ethernet Update	$ 25,000				$ 25,000
2027 Waterline Replacement Project Master Plan Project CM-9 - Design Only	$ 100,000				$ 100,000
Haynes Well #8 - Well Pump Station CMS & Construction	$ 988,423			$ 1,311,577	$ 2,300,000
Haynes 9 Well Rehabilitation	$ 200,000				$ 200,000
EDR Stack Replacement	$ 530,708				$ 530,708
General Administrative Capital Facilities Projects (70000* .5477)	$ 38,339				$ 38,339
EDR Finish & Feed Tank (CM & Construction)				$ 4,500,000	$ 4,500,000
Totals	$ 2,132,470	$ -	$ -	$ 5,811,577	$ 7,944,047

MAGNA WATER DISTRICT
2027 TENTATIVE BUDGET

SEWER DIVISION

	2025 ACTUAL	2025 BUDGET	2026 ESTIMATED YEAR END	2026 BUDGET	2027 TENTATIVE
SEWER REVENUE					
SEWER SERVICE CHARGES	$ 5,690,233	$ 5,097,038	$ 5,893,903	$ 6,031,276	$ 6,124,915
SEWER INSPECTION	$ 158,108	$ 65,000	$ 148,863	$ 120,000	$ 175,000
SEWER BUY-IN	$ 435,641	$ 625,000	$ 262,637	$ 535,000	$ 350,000
SEWER IMPACT FEE	$ 323,674	$ 450,000	$ 195,994	$ 450,000	$ 250,000
INCOME CONTRIBUTED CAPITAL	$ 2,557,725	$ 1,000,000	$ 800,000	$ 700,000	$ 700,000
PROPERTY TAX REVENUE (CERTIFIED RATE)	$ 1,738,946	$ 1,649,962	$ 1,458,262	$ 1,456,261	$ 1,489,151
PROPERTY TAX REVENUE (CDRA INCREMENT)	$ 696,871	$ 650,000	$ 672,000	$ 700,000	$ 672,000
PROPERTY TAX REVENUE (MV REVENUE)	$ 82,414	$ 98,000	$ 68,436	$ 85,000	$ 80,000
PROPERTY TAX REVENUE (MISC REDEMPTIONS, ETC)	$ 86,035	$ 60,000	$ 61,862	$ 35,000	$ 65,000
GAIN ON SALE OF ASSETS		$ 5,000	$ -	$ -	$ -
GRANT MONIES	$ 15,000	$ -	$ -	$ -	$ -
OTHER NON-OPERATING/OPERATING INCOME	$ 43,629	$ 1,000	$ 1,756	$ 30,000	$ 35,000
TOTAL SEWER REVENUE	$ 11,828,276	$ 9,701,000	$ 9,563,713	$ 10,142,537	$ 9,941,066
SEWER EXPENDITURES					
SALARIES - SEWER	$ 776,871	$ 1,000,000	$ 767,351	$ 975,000	$ 980,000
PAYROLL TAXES	$ 70,638	$ 100,000	$ 70,078	$ 95,000	$ 92,000
EMPLOYEE FRINGE BENEFITS	$ 304,522	$ 400,000	$ 302,532	$ 355,000	$ 360,000
EMPLOYEE HEALTH & WELLNESS PROGRAM	$ 1,250	$ 3,600	$ 1,250	$ 3,000	$ 3,000
TOTAL SALARIES AND BENEFITS	$ 1,153,281	$ 1,503,600	$ 1,141,211	$ 1,428,000	$ 1,435,000
ENGINEERING (SEE PAGE 28 & 29 FOR DETAILS)	$ 40,326	$ 30,000	$ 21,797	$ 87,500	$ 25,000
DATA PROCESSING	$ -	$ -	$ 8,575		$ 9,000
JANITORIAL WWTP ADMIN	$ 4,200	$ 4,800	$ 4,500	$ 4,700	$ 4,700
SEWER LAB & TESTING	$ 70,070	$ 75,000	$ 73,745	$ 68,000	$ 80,000
FIRST AID & SAFETY	$ 1,676	$ 2,000	$ 1,886	$ 2,500	$ 2,500
OTHER CONTRACTUAL SERVICE	$ 14,656	$ 12,275	$ 12,000	$ 12,000	$ 12,000
INSPECTION EXPENSE	$ -	$ 10,000	$ -	$ -	$ -
REPAIRS MAINTENANCE (SEE PAGE 28 & 29 FOR DETAILS)	$ 395,327	$ 1,650,000	$ 664,596	$ 1,723,000	$ 800,000
SLUDGE REMOVAL	$ 178,049	$ 180,000	$ 171,277	$ 195,000	$ 645,000
UNIFORMS AND LINEN SEWER	$ 16,035	$ 26,000	$ 18,153	$ 20,000	$ 21,000
GARBAGE COLLECTION	$ 25,232	$ 40,000	$ 28,696	$ 35,000	$ 35,000
OFFICE SUPPLIES	$ 1,910	$ 5,000	$ 1,279	$ 4,000	$ 4,000
OFFICE EQUIPMENT	$ 6,737	$ 5,000	$ -	$ 5,000	$ 5,000
QUESTAR GAS	$ 36,845	$ 83,000	$ 36,797	$ 52,000	$ 38,000
ROCKY MTN POWER	$ 465,897	$ 375,000	$ 470,354	$ 500,000	$ 494,200
CHEMICALS - SEWER	$ 409,451	$ 387,000	$ 441,973	$ 365,000	$ 500,000
TELEPHONE/DATA SERVICES	$ 11,045	$ 7,000	$ 11,353	$ 8,000	$ 15,000
PERFORMANCE & EVALUATION	$ -	$ 7,200	$ -	$ -	$ -
CELLULAR - PHONES SERVICE	$ 15,493	$ 15,000	$ 17,691	$ 18,000	$ 20,000
DEPRECIATION-SEWER UTILTY	$ 1,682,157	$ 1,950,000	$ 1,850,000	$ 1,850,000	$ 1,925,000
VEHICLE/EQUIP GAS & REPAIRS	$ 40,663	$ 75,000	$ 47,408	$ 55,000	$ 81,700
TRAINING	$ 17,235	$ 65,000	$ 20,387	$ 30,000	$ 25,000
DUES, MEMBERSHIPS	$ 1,960	$ 2,000	$ 1,831	$ 2,000	$ 2,000
BAD DEBTS	$ 575	$ 2,000	$ 3,205	$ 2,000	$ 4,000
INSURANCE	$ 109,841	$ 150,000	$ 114,717	$ 130,000	$ 128,000
MISC. OPERATING EXPENSE	$ 3,347	$ 5,000	$ 315	$ 5,000	$ 3,000
TOTAL OPERATING EXPENDITURES & SALARIES	$ 4,702,008	$ 6,666,875	$ 5,163,746	$ 6,601,700	$ 6,314,100
NON OPERATING & BONDING EXPENSES:					
CDRA PROPERTY TAX EXPENSE	$ 696,871	$ 650,000	$ 672,000	$ 700,000	$ 672,000
AMORT ON 2013 BOND PREMIUM	$ (8,801)	$ (8,801)	$ (8,801)	$ (8,801)	$ (8,801)
AMORT ON 2017 BOND PREMIUM	$ (18,857)	$ (18,857)	$ (18,857)	$ (18,857)	$ (18,857)
AMORT ON 2019 BOND PREMIUM	$ (15,242)	$ (15,242)	$ (15,242)	$ (15,242)	$ (15,242)
LEASE INTERST EXPENSE	$ 7,399	$ 8,400	$ 7,926	$ 5,600	$ 15,000
INTEREST EXP 2013 BOND 51.78%	$ 28,764	$ 29,000	$ 18,641	$ 18,641	$ 11,655

MAGNA WATER DISTRICT
2027 TENTATIVE BUDGET

SEWER DIVISION (Continued)

	2025 ACTUAL	2025 BUDGET	2026 ESTIMATED YEAR END	2026 BUDGET	2027 TENTATIVE
NON OPERATING & BONDING EXPENSES: (Continued)					
INTEREST EXP 2017 BOND	$ 134,161	$ 134,200	$ 122,900	$ 122,900	$ 111,135
INTEREST EXP 2019 BOND	$ 82,695	$ 83,000	$ 75,239	$ 75,239	$ 67,500
OTHER NON-OPER EXPENSE	$ 589	$ 1,000	$ 14,634	$ 100,000	$ 30,000
TOTAL NON OPERATING (REV) & EXP	$ 907,579	$ 862,700	$ 868,440	$ 979,480	$ 864,390
NET REVENUE OVER EXPENDITURES	$ 6,218,689	$ 2,171,425	$ 3,531,527	$ 2,561,357	$ 2,762,576

Cash Flow Projection
2027 TENTATIVE BUDGET

SEWER DIVISION

Projected 2027 Ending Net Income		$ 2,762,576
Less Administrative Portion		$ (1,186,888)
Subtotal		$ 1,575,688
Non-cash premium on 2013 Bond		$ (8,801)
Non-cash premium on 2017 Bond		$ (18,857)
Non-cash premium on 2019 Bond		$ (15,242)
Back Out Taxes Collected for 2028 Bond Payments		$ (607,602)
Add Back Taxes Collected for 2027 Bond Payments		$ 606,956
Add Back Funded Depreciation		$ 1,925,000
Administration Portion Depr		$ 206,965
Back Out Impact Fees		$ (250,000)
Back Out contributed Capital		$ (700,000)
Bond Principal Payments		
2013 GO Bond Payment (300000 * .5178)	$ 12,039	$ (155,340)
2017 GO Bond Payment (690000 * .4338)	$ 112,121	$ (299,322)
2019 GO Bond Payment (370000 * .4338)	$ 68,063	$ (160,506)
Capital Lease Payments		$ (33,555)
Portion of Administrative Capital Lease Pmts	(11497*.3763)	$ (4,327)
Estimated Cash Available for Capital Acquisitions		$ 2,061,057

District Sewer Capital Facility Improvements
for the Year Ending December 31, 2027
2027 TENTATIVE BUDGET

SEWER DIVISION

	Existing	Future	Reserves	Funds/Grants	Total
Plant Sensors & Instrumentation	$ 65,000				$ 65,000
West Side Collection Project 2 (CMS & Construction) So Frontage Rd, 8400 W to 8000 W	$ 4,241,200	$ 358,800			$ 4,600,000
West Side Collection Project 3 (CMS & Construction) So Frontage Rd, 8800 W to 8400 W	$ 3,632,800	$ 167,200			$ 3,800,000
West Side Collection Projec 4 (design only) 9200 West Trunk, Reach 1	$ 238,250	$ 11,750			$ 250,000
Aeration Alternative Study & Final Design Aeration upgrades per 2025 WRF Master Plan	$ 266,700	$ 33,300			$ 300,000
8000 W Manhole Repair & Rehabilitation	$ 150,000				$ 150,000
Sludge Hauling Trailer (Needed due to ET site Shutdown)	$ 150,000				$ 150,000
Huber Rebuild - Recommended every 8 years Installed in 2007 - 2009	$ 75,000				$ 75,000
General Administrative Capital Facilities Projects (70000* .3763)	$ 26,341				$ 26,341
Totals	$ 8,845,291	$ 571,050	$ -	$ -	$ 9,416,341

MAGNA WATER DISTRICT
2027 TENTATIVE BUDGET

ADMINISTRATION DIVISION

	2025 ACTUAL	2025 BUDGET	2026 ESTIMATED YEAR END	2026 BUDGET	2027 TENTATIVE
ADMINISTRATION REVENUE					
ENGINEERING REVENUE - SUBDIVIS	$ 96,159	$ 85,000	$ 53,926	$ 75,000	$ 65,000
NON RESIDENT FEES	$ 177,619	$ 140,000	$ 178,257	$ 155,000	$ 155,000
INTEREST INCOME-INVESTMS	$ 1,113,710	$ 1,800,000	$ 878,392	$ 1,000,000	$ 750,000
GAIN ON SALE OF ASSETS	$ 213	$ -	$ -	$ -	$ -
UNREALIZED GAIN ON INVESTMENTS	$ -	$ -	$ -	$ -	$ -
OTHER NON-OPERATING INCOM	$ 9,405	$ 5,000	$ 6,583	$ 9,000	$ 7,000
TOTAL ADMIN REVENUE	$ 1,397,106	$ 2,030,000	$ 1,117,158	$ 1,239,000	$ 977,000
ADMINISTRATION EXPENDITURES					
SALARIES AND BENEFITS:					
TRUSTEE COMPENSATION	$ 10,000	$ 15,000	$ 10,000	$ 15,000	$ 15,000
SALARIES-OFFICE	$ 275,701	$ 325,000	$ 379,497	$ 180,000	$ 400,000
SALARIES - MANAGEMENT	$ 1,019,273	$ 1,000,000	$ 981,603	$ 1,225,000	$ 1,127,000
OFFICE - PAYROLL TAXES	$ 19,529	$ 28,000	$ 20,951	$ 16,000	$ 16,000
MANAGEMENT - PR TAXES	$ 81,496	$ 87,000	$ 92,572	$ 99,000	$ 115,000
FRINGE BENEFITS - OFFICE	$ 143,027	$ 162,000	$ 258,399	$ 97,000	$ 97,000
OPEB EXPENSE	$ 185,354	$ 300,000	$ 145,933	$ 310,000	$ 310,000
MANAGEMENT FRINGE BENEFITS	$ 747,662	$ 460,000	$ 428,966	$ 620,000	$ 650,000
EMPLOYEE HEATH & WELLNESS PROGRAM	$ 1,250	$ 1,200	$ 714	$ 1,000	$ 1,000
TOTAL SALARIES AND BENEFITS	$ 2,483,292	$ 2,378,200	$ 2,318,635	$ 2,563,000	$ 2,731,000
LEGAL EXPENSE	$ 41,111	$ 45,000	$ 31,146	$ 45,000	$ 45,000
PAYROLL PROCESSING SERVICE	$ 1,863	$ 2,000	$ 1,837	$ 2,000	$ 2,000
ACCOUNTING AND AUDITING	$ 20,000	$ 35,000	$ 17,800	$ 25,000	$ 25,000
HUMAN RESOURCES	$ 3,578	$ 2,110	$ 2,160	$ 5,000	$ 6,500
ENGINEERING SERVICES (SEE PAGE 28 & 29 FOR DETAILS)	$ 254,652	$ -	$ 73,507	$ 9,000	$ 5,000
ENGINEERING EXP - SUBDIVISIONS	$ -	$ -	$ -	$ -	$ -
DATA PROCESSING	$ 37,234	$ 25,000	$ 33,300	$ 61,800	$ 62,000
DATA PROC.MAINT. SERVICE	$ 51,111	$ 66,000	$ 43,521	$ 50,000	$ 50,000
JANITORIAL GENERAL OFFICE	$ 7,931	$ 8,500	$ 12,371	$ 8,500	$ 15,000
FIRST AID & SAFETY	$ 1,050	$ 2,000	$ 876	$ 1,500	$ 1,500
OTHER CONTRACTUAL SERVICE	$ 150	$ 2,000	$ 2,006	$ 1,000	$ 3,000
WEB DEVELOPMENT	$ 300	$ 1,000	$ 960	$ 1,000	$ 1,000
REPAIR AND MAINTENANCE	$ 43,158	$ 75,000	$ 34,591	$ 75,000	$ 75,000
OFFICE RUGS & UNIFORMS	$ 5,883	$ 3,000	$ 6,727	$ 7,000	$ 7,000
OFFICE SUPPLIES	$ 7,596	$ 5,000	$ 13,283	$ 15,000	$ 15,000
OFFICE EQUIPMENT	$ 4,785	$ 10,000	$ 4,699	$ 10,000	$ 10,000
POSTAGE/3RD PARTY BILLING PROCESS	$ 77,125	$ 85,000	$ 69,646	$ 85,000	$ 85,000
ROCKY MTN POWER	$ 12,684	$ 5,000	$ 2,656	$ 5,000	$ 5,000
QUESTAR	$ 3,735	$ 8,000	$ 4,304	$ 6,000	$ 6,000
TELEPHONE/DATA SERVICES	$ 24,491	$ 25,000	$ 30,566	$ 25,000	$ 35,000
PERFORMANCE & EVALUATION	$ -	$ 6,000	$ -	$ -	$ -
CELLULAR - PHONES SERVICE	$ 8,187	$ 8,500	$ 8,389	$ 10,500	$ 10,500
DEPRECIATION - GEN. PLANT	$ 513,511	$ 500,000	$ 550,000	$ 550,000	$ 550,000
VEHICLE GAS & REPAIRS	$ 7,617	$ 8,000	$ 9,958	$ 9,000	$ 12,500
TRAINING	$ 43,679	$ 70,000	$ 58,359	$ 47,000	$ 65,000
DUES, MEMBERSHIPS	$ 14,573	$ 25,000	$ 22,975	$ 25,000	$ 25,000
INSURANCE	$ 14,008	$ 17,000	$ 14,940	$ 17,000	$ 17,000
ELECTRONIC ARCHIVING	$ -	$ 5,000	$ 4,500	$ 5,000	$ 5,000
ADVERTISING & PUBLIC RELA	$ 11,205	$ 5,000	$ 14,965	$ 9,000	$ 20,000
MISC. OPERATING EXPENSE	$ 3,351	$ 7,000	$ 2,335	$ 6,000	$ 6,000
CASH SHORTAGE/OVERAGE	$ (139)	$ 50	$ (104)	$ 50	$ 50
TOTAL OPERATING EXP & SALARIES	$ 3,697,721	$ 3,434,360	$ 3,390,908	$ 3,679,350	$ 3,896,050

MAGNA WATER DISTRICT
2027 TENTATIVE BUDGET

ADMINISTRATION DIVISION (Continued)

	2025 ACTUAL	2025 BUDGET	2026 ESTIMATED YEAR END	2026 BUDGET	2027 TENTATIVE
NON OPERATING & BONDING EXPENSES:					
LEASE INTEREST EXPENSE	$ 5,245	$ 6,000	$ 3,716	$ 3,850	$ 5,050
BANK SERVICE FEES	$ 164,003	$ 150,000	$ 162,938	$ 155,000	$ 195,000
OTHER NON-OPERATING EXPNS	$ 31,314	$ 25,000	$ 27,216	$ 25,000	$ 35,000
TOTAL NON OPERATING (REV) & EXP	$ 200,562	$ 181,000	$ 193,870	$ 183,850	$ 235,050
NET REVENUE OVER EXPENDITURES	$ (2,501,177)	$ (1,585,360)	$ (2,467,620)	$ (2,624,200)	$ (3,154,100)

District Administrative Capital Facility Improvements
for the Year Ending December 31, 2027
2027 TENTATIVE BUDGET

ADMINISTRATION DIVISION

	Existing	Future	Reserves	Funds/Grants	Total
Upgrade Security Cameras including add to downstairs	$ 50,000				$ 50,000
Utility Locator Device (2)	$ 5,000				$ 5,000
Office Copier/Scanner/Printer	$ 15,000				$ 15,000
Totals	$ 70,000	$ -	$ -	$ -	$ 70,000

MAGNA WATER DISTRICT
2027 TENTATIVE BUDGET

SECONDARY WATER DIVISION

	2025 ACTUAL	2025 BUDGET	2026 ESTIMATED YEAR END	2026 BUDGET	2027 TENTATIVE
SECONDARY WATER REVENUE					
SECONDARY WATER SERVICE CHARGE	$ 604,485	$ 499,510	$ 586,000	$ 754,546	$ 624,507
SUBSIDY FROM CUL FOR SECO	$ -	$ 22,000	$ -	$ -	$ -
SECONDARY WATER METER SET FEES	$ (32,334)	$ 55,000	$ (13,314)	$ 55,000	$ 5,000
SECONDARY WATER INSPECTION FEES	$ 12,895	$ 25,000	$ 14,901	$ 25,000	$ 15,000
INCOME CONTRIBUTED CAPITAL	$ 1,135,457	$ 1,000,000	$ 350,000	$ 400,000	$ 400,000
PROPERTY TAX REVENUE (CERTIFIED RATE)	$ 502,410	$ 476,490	$ 476,678	$ 476,678	$ 481,844
PROPERTY TAX REVENUE (CDRA INCREMENT)	$ 201,332	$ 275,000	$ 172,000	$ 250,000	$ 172,000
PROPERTY TAX REVENUE (MV REVENUE)	$ 23,815	$ 25,000	$ 22,191	$ 30,000	$ 25,000
PROPERTY TAX REVENUE (MISC REDEMPTIONS, ETC)	$ 32,990	$ 15,000	$ 20,029	$ 9,500	$ 20,000
GAIN ON SALE OF ASSETS	$ -	$ -	$ -	$ -	$ -
GRANT MONIES	$ 24,012	$ 35,000	$ 10,000	$ -	$ -
OTHER NON-OPERATING INCOME	$ 31,840	$ -	$ 5,141	$ 12,000	$ -
TOTAL SECONDARY WATER REVENUE	$ 2,536,902	$ 2,428,000	$ 1,643,626	$ 2,012,724	$ 1,743,351
SECONDARY OPERATING EXPENSES					
ENGINEERING (SEE PAGE 28 & 29 FOR DETAILS)	$ -	$ -	$ 10,899	$ 22,216	$ 170,000
INSPECTION EXPENSE	$ -	$ 5,000	$ -	$ -	$ -
REPAIR & MAINT (SEE PAGE 28 & 29 FOR DETAILS)	$ 123,412	$ 970,000	$ 54,217	$ 60,000	$ 60,000
FUEL & POWER	$ 24,244	$ 30,000	$ 7,601	$ 30,000	$ 13,000
DEPRECIATION	$ 798,033	$ 930,000	$ 836,000	$ 836,000	$ 910,000
BAD DEBTS	$ 5	$ 300	$ 15	$ 300	$ 300
INSURANCE	$ 3,458	$ 3,700	$ 3,710	$ 4,000	$ 4,200
TOTAL OPERATING EXP	$ 949,152	$ 1,939,000	$ 912,442	$ 952,516	$ 1,157,500
NON OPERATING & BONDING EXPENSES:					
CDRA PROPERTY TAX EXPENSE	$ 201,332	$ 275,000	$ 172,000	$ 250,000	$ 172,000
AMORT ON 2017 BOND PREMIUM	$ (10,885)	$ (10,885)	$ (10,885)	$ (10,885)	$ (10,885)
AMORT ON 2019 BOND PREMIUM	$ (8,798)	$ (8,800)	$ (8,798)	$ (8,800)	$ (8,800)
INTEREST EXP ON 2017 GO BOND	$ 77,441	$ 77,500	$ 70,950	$ 70,950	$ 65,000
INTEREST EXPENSE 2019 BOND	$ 47,733	$ 48,000	$ 43,431	$ 43,431	$ 39,000
INTEREST EXPENSE WATER RESOURCE LOAN	$ 1,816	$ 1,900	$ 1,300	$ 1,300	$ 800
TOTAL NON OPERATING (REV) & EXP	$ 308,639	$ 382,715	$ 267,998	$ 345,996	$ 257,115
NET REVENUE OVER EXPENDITURES	$ 1,279,111	$ 106,285	$ 463,186	$ 714,212	$ 328,736

Cash Flow Projection
2027 TENTATIVE BUDGET

SECONDARY WATER DIVISION

Projected 2027 Ending Net Income		$ 328,736
Less Administrative Portion		$ (239,712)
Subtotal		$ 89,024
Non-cash premium on 2017 Bond		$ (10,885)
Non-cash premium on 2019 Bond		$ (8,800)
Back Out budgeted taxes for 2028 Bond Payments		$ (248,624)
Add Back taxes collected for 2027 Bond Payments		$ 248,506
Add Back Funded Depreciation		$ 910,000
Administration Portion Depr		$ 41,800
Back Out contributed Capital		$ (400,000)
Bond Principal Payments		
2017 GO Bond (690000 * .2504)	$ 64,719	$ (172,776)
2019 GO Bond (370000 * .2504)	$ 39,288	$ (92,648)
WATER RESOURCE LOAN	$ 954	$ (52,446)
Portion of Administrative Capital Lease Pmts	(11497*.0706)	$ (874)
Estimated Cash Available for Capital Acquisitions		$ 302,278

District Secondary Water Capital Facility
Improvements for the Year Ending December 31, 2027
2027 TENTATIVE BUDGET

SECONDARY WATER DIVISION

	Existing	Future	Reserves	Funds/Grants	Total
Secondary Water Line - 7200 W (CMS & Construction)	$ 1,000,000	$ -	$ -	$ -	$ 1,000,000
2027 Secondary Waterline Project Design Only	$ 124,950	$ 50,050			$ 175,000
7450 W Gardenia Avenue Connect School to Secondary Water	$ 50,000				$ 50,000
Flushing & Looping Project Add blow offs, SW Fire Hydrants or loop SW	$ 100,000				$ 100,000
Secondary Booster Station Zone 3 Cooling	$ 25,000				$ 25,000
General Administrative Capital Facilities Projects (70000* .0760)	$ 5,320				$ 5,320
Totals	$ 1,305,270	$ 50,050	$ -	$ -	$ 1,355,320

BREAKDOWN OF ENGINEERING & REPAIRS & MAINTENANCE OPERATING BUDGET:

WATER

	2025 ACTUAL	2025 BUDGET	2026 ESTIMATED YEAR END	2026 BUDGET	2027 TENTATIVE
ENGINEERING					
ARDURRA GIS SERVICES	$ -	$ 25,000	$ 21,797	$ 25,000	$ 20,000
PFAS TREATMENT ALTERNATIVE STUDY	$ -	$ -	$ -	$ -	$ 130,000
SCADA SYSTEM (DIST) Water System Operations	$ -	$ 40,000	$ -	$ 25,000	$ 25,000
TANK REPAIR ANALYSIS	$ -	$ -	$ -	$ -	$ 30,000
EPIC ENGINEERING	$ -	$ 5,000	$ 2,190	$ 7,000	$ -
BOWEN COLLINS	$ -	$ -	$ -	$ 25,000	$ -
STANTEC CONSULTING	$ -	$ -	$ -	$ 25,000	$ -
EDR FINISH & FEED TANK STUDY	$ 5,147	$ -	$ 7,181	$ -	$ -
GENERAL SURVEYING	$ -	$ 20,000	$ -	$ 20,000	$ -
WATER CONSERVATION REPORT	$ -	$ 10,000	$ 9,250	$ 10,000	$ -
DRINKING WATER SOURCE PROTECTION PLAN (DWSP) UPDATE	$ -	$ 20,000	$ 22,116	$ 40,000	$ -
GROUND WATER MANAGEMENT STUDY UPDATE	$ -	$ -	$ -	$ 50,000	$ -
TOTAL	$ 5,147	$ 120,000	$ 62,534	$ 227,000	$ 205,000
REPAIRS MAINTENANCE	$ 527,924	$ 581,550	$ 536,307	$ 590,000	$ 368,860
VALVE REPLACEMENT (ANNUAL)	$ -	$ 75,000	$ -	$ 75,000	$ 75,000
HYDRANT REPLACEMENT ANNUAL PROJECT	$ -	$ 75,000	$ -	$ 75,000	$ 75,000
DRILL PRESS	$ -	$ -	$ -	$ -	$ 1,500
TRUCK SHOP MAINTENANCE BLDG AIR CONDITIONING	$ -	$ 2,200	$ -	$ 10,000	$ 5,000
CHOP SAW	$ -	$ 2,000	$ -	$ 2,000	$ 2,000
WEED CONTROL	$ -	$ 8,000	$ -	$ -	$ 8,000
BARTON 5 COOLING	$ -	$ -	$ -	$ 12,820	$ 12,820
4100 CULINARY BOOSTER COOLING	$ -	$ -	$ -	$ 12,820	$ 12,820
COST SHARE FOR PROJECTS BY MAGNA CITY RELOCATE FACIL	$ -	$ 100,000	$ -	$ 100,000	$ 50,000
PALLET JACK	$ -	$ -	$ -	$ 1,000	$ 1,000
REFRIGERANT MACHINE	$ -	$ -	$ -	$ -	$ 3,000
PLASMA CUTTER	$ -	$ -	$ -	$ -	$ 2,500
SHOP FANS	$ -	$ -	$ -	$ -	$ 2,000
BAND SAW	$ -	$ -	$ -	$ -	$ 2,500
DRILL BIT SHARPENER	$ -	$ -	$ -	$ -	$ 500
SKID LOADER FORKS	$ -	$ -	$ -	$ -	$ 2,500
EDR PUMPS & INSPECTION REPAIR/REPLACE	$ -	$ 80,000	$ -	$ -	$ -
EDR CHEMICAL ROOM EPOXY PAINTING FLOOR	$ -	$ 22,250	$ -	$ -	$ -
TEAR OUT FLUORIDE BLDG PLUMB HAYNES & BARTON	$ -	$ 70,000	$ -	$ -	$ -
FACILITIES MAINTENANCE	$ -	$ -	$ -	$ 75,000	$ -
7600 LANDSCAPE	$ -	$ -	$ -	$ 100,000	$ -
TOTAL	$ 527,924	$ 1,016,000	$ 536,307	$ 1,053,640	$ 625,000

SEWER

	2025 ACTUAL	2025 BUDGET	2026 ESTIMATED YEAR END	2026 BUDGET	2027 TENTATIVE
ENGINEERING					
ENGINEERING		$ -	$ -	$ 30,000	$ -
ARDURRA GIS SERVICES	$ -	$ 25,000	$ 21,797	$ -	$ 20,000
INDIGO WATER CONSULTANT	$ -	$ 5,000	$ -	$ 7,500	$ 5,000
GENERAL ENGINEERING SUPPORT - STANTEC	$ 4,724	$ -	$ -	$ -	$ -
SIU AGREEMENT	$ 12,345	$ -	$ -	$ -	$ -
AEEC - RISK MANAGEMENT PLAN	$ 10,000	$ -	$ -	$ -	$ -
MASTER PLAN UPDATE	$ 13,257	$ -	$ -	$ -	$ -
WWTP EMERGENCY RESPONSE PLAN	$ -	$ -	$ -	$ 50,000	$ -
TOTAL	$ 40,326	$ 30,000	$ 21,797	$ 87,500	$ 25,000

BREAKDOWN OF ENGINEERING & REPAIRS & MAINTENANCE OPERATING BUDGET:

SEWER - Continued

	2025 ACTUAL	2025 BUDGET	2026 ESTIMATED YEAR END	2026 BUDGET	2027 TENTATIVE
REPAIRS MAINTENANCE	$ 226,149	$ 312,000	$ 232,165	$ 333,000	$ 18,000
ASPHALT OVERLAY & REPAIR AT WWTP	$ -	$ 170,000	$ -	$ 170,000	$ 200,000
TOTAL POWER & CONTROL - SCADA SERVICES	$ -	$ 35,000	$ 26,516	$ 35,000	$ 35,000
SEWER MAIN LINE & SPOT REPAIRS	$ -	$ 200,000	$ 15,685	$ 250,000	$ 250,000
MANHOLE LINING & REHABILITATION	$ 78,520	$ 75,000	$ 275,000	$ 75,000	$ 75,000
EAST HEADWORKS ELECTRICAL ROOM	$ -	$ -	$ -	$ -	$ 12,000
ROOT CONTROL - COLLECTION LINES	$ 13,826	$ 25,000	$ 20,704	$ 25,000	$ 30,000
SL - RAT SOUND MONITORING INVESTIGATION	$ 60,471	$ 65,000	$ 64,540	$ 65,000	$ 75,000
HACH MAINTENANCE CONTRACT	$ 16,361	$ -	$ 23,155	$ 20,000	$ 20,000
FACILITY COATINGS/PAINTING/REPAIRS	$ -	$ -	$ -	$ -	$ 35,000
WEST HEADWORKS DEMOLITION	$ -	$ -	$ -	$ -	$ 50,000
DEMOLITION OF AGING OR OBSOLETE WWTP BLDGS & INFRAS	$ -	$ 750,000	$ -	$ 750,000	$ -
REPLACE WRF OPERATORS OFFICE SERVER AREA AC UNIT	$ -	$ 18,000	$ 6,831	$ -	$ -
TOTAL	$ 395,327	$ 1,650,000	$ 664,596	$ 1,723,000	$ 800,000

ADMINISTRATION

	2025 ACTUAL	2025 BUDGET	2026 ESTIMATED YEAR END	2026 BUDGET	2027 TENTATIVE
ENGINEERING					
GENERAL ENGINEERING - EPIC ENGINEERING	$ 3,408	$ -	$ 3,594	$ -	$ 5,000
LEAD & COPPER ASSISTANCE - AE2S	$ 48,981	$ -	$ 4,134	$ -	$ -
SUBDIVISION STUDY - JUB	$ 9,500	$ -	$ -	$ -	$ -
GIS SERVICES - ARDURRA	$ 65,954	$ -	$ -	$ -	$ -
RISK & RESILIANCE STUDY - HANSEN ALLEN & LUCE	$ -	$ -	$ 9,250	$ -	$ -
DRINKING WATER SOURCE PROTECTION PLAN - HORROCKS	$ -	$ -	$ -	$ -	$ -
MASTER PLAN UPDATE - BOWEN COLLINS	$ 123,805	$ -	$ 52,137	$ -	$ -
FINANCIAL ANALYSIS - FUNDING ASSISTANCE	$ 3,004	$ -	$ 4,392	$ 9,000	$ -
TOTAL	$ 254,652	$ -	$ 73,507	$ 9,000	$ 5,000

SECONDARY

	2025 ACTUAL	2025 BUDGET	2026 ESTIMATED YEAR END	2026 BUDGET	2027 TENTATIVE
ENGINEERING					
ARDURRA - GIS SERVICES	$ -	$ -	$ 10,899	$ -	$ 20,000
SHALLOW GROUND WATER DEVELOPMENT PLAN	$ -	$ -	$ -	$ -	$ 150,000
SECONDARY ZONE 3 BOOSTER COOLING	$ -	$ -	$ -	$ 22,216	$ -
TOTAL	$ -	$ -	$ 10,899	$ 22,216	$ 170,000
REPAIRS MAINTENANCE	$ 123,412	$ 60,000	$ 54,217	$ 60,000	$ 60,000
DREDGING OF SECONDARY WATER RESERVOIR ZONE 1	$ -	$ 910,000	$ -	$ -	$ -
TOTAL	$ 123,412	$ 970,000	$ 54,217	$ 60,000	$ 60,000

RESOLUTION 2026-09

RESOLUTION No. 2026-09

A Resolution Regarding Adoption of the District's Final 2027 Budget

WHEREAS, Magna Water District, provides water and sewer services to residents of the District; and

WHEREAS, on October 15, 2026, the District adopted a tentative budget for the 2027 fiscal year; and

WHEREAS, the District has provided notice pursuant to Utah Code Ann. § 17B-1-609 concerning the tentative budget and of the date, time, and place of a public hearing on the same; and

WHEREAS, the District has made said tentative budget available for public inspection for a period of at least seven days prior to the public hearing in accordance with Utah Code Ann. § 17B-1-608; and

WHEREAS, on November 12, 2026, at 10:00 am, the District held said public hearing on said tentative budget in accordance with Utah Code Ann. §17B-1-610.

NOW, THEREFORE, BE IT RESOLVED as follows:

1. That the tentative budget adopted on October 15, 2026, as accepted, or amended following the public hearing thereon and as attached hereto, is hereby adopted as the Final Budget of the District for the 20267fiscal year in accordance with Utah Code Anno. §17B-1-614.

2. The effective date of this Resolution shall be _____, 2026.

ADOPTED AND APPROVED by majority vote at a duly called meeting of the Board of Trustees on this _____ day of _____ 2026.

MAGNA WATER DISTRICT

By: _____
Mick Sudbury
Chairman, Board of Trustees

ATTEST:

_____
LeIsle Fitzgerald, Board Clerk

REGULAR MTG AGENDA

NOVEMBER 12, 2026
REGULAR BOARD MEETING AGENDA
MAGNA WATER DISTRICT

MEETING DATE: November 12, 2026 at 10:00 am
LOCATION: 8885 W 3500 S, MAGNA, UT, GENERAL OFFICE BUILDING

A. Call to Order

B. Public, Board and Staff join in the Pledge of Allegiance

C. Welcome the Public and Guests

D. Public Comment

Written requests that are received – Please do not take over three minutes due to time restraints for other individuals and the Board.

E. Inquire of any conflicts of interests that need to be disclosed to the Board

F. Employee Recognition
Quin Gorringe – Wastewater Collection IV

G. Approval of common consent items
1. Minutes of the regular board meeting held October 15, 2026
2. Expenses for October 7 to November 1, 2026
   General Expenses: $1,622,703.34
   Zions Bank Bond Payment: $51,980.83

H. Department Reports:

1. General Manager Report

2. Engineering Report

3. Water Operations Report

4. Wastewater Operations Report

5. Controller/Clerk Report
    - Compliance Requirements Report
    - Budget vs Actual as of September 30, 2026

6. HR Manager Report

I. Water & Sewer Availability

Discussion and possible motion to approve the following developments:

1. (Trevor) Jack Nielson Metal Building development located at 7186 West Gates Ave, West Valley City

2. (Trevor) Trifolgio WV-14 development located at 2202 South 5600 West, West Valley City

II. Project Awards & Agreements

Discussion and possible motion to approve the following project awards and agreements:

1. (Trevor) JUB Amendment to service agreement for WSC Project 3 to include landscape design for golf course restoration in the amount of $9,400

III. Administrative

Discussion and possible motion to approve the following administrative items:

1. (Trevor) Resolution 2026-10 Adoption of the District's Updated 2026 Conservation Plan

2. (Dallas) 2027 Biosolids Hauling Planning Recommendation

3. (Andrew) Management Health Insurance – United Health Care

4. (LeIsle) Magna Water District Trustee Election Canvass and Results Approval

5. (Clint) Adjustment to Repayment Terms with Copper Golf Club

For information and discussion only – no action items:

6. (Trevor) Water and Sewer Rate Discussion and Recommendations

7. Next month's board meeting – December 10, 2026 at 10:00 am

L. Motion to take a brief recess and immediately following, meet in a closed meeting to discuss: (1) the purchase, exchange, lease, or sale of real property, including any form of a water right or water shares, (2) pending or reasonably imminent litigation; and (3) collective bargaining issues pursuant to Utah Code Ann. §§ 52-4-204 through 205.

M. Motion to close the closed meeting and re-open the public board meeting.

N. Motion to immediately meet in a closed meeting to discuss the character, professional competence, or physical or mental health of an individual pursuant to Utah Code Ann. § 52-4-204 through 205(1)(a).

O. Motion to close the closed meeting and re-open the public board meeting.

P. Consider action on any noticed agenda item discussed in closed meeting.

Q. Other Business

R. Adjourn

MEETING MINUTES

MINUTES OF THE
REGULAR MEETING
OF THE BOARD OF TRUSTEES OF
MAGNA WATER DISTRICT

A regular meeting of the Board of Trustees of the Magna Water District was held Thursday, October 15, 2026, at 10:00 am at the Magna Water District General Office, Kim Bailey Board Room, located at 8885 West 3500 South, Magna, UT.

Call to Order: Mick Sudbury called the meeting to order at 10:00 am.

Trustees Present:
Mick Sudbury, Chairman
Jeff White
Dan Stewart

Management Present:
Clint Dilley, General Manager
LeIsle Fitzgerald, District Controller
Trevor Andra, District Engineer
Dallas Henline, Wastewater Operations Manager
Andrew Sumsion, HR Manager
Steve Clark, Water Operations Manager
KayDee Hellings, Customer Service/Accts Receivable

Also Present:
Nathan Bracken, Smith Hartvigsen, PLLC
Doyle Jenkins, Magna Resident
Dan Peay, Magna Resident
Mark Manzanares, Magna Resident
Joel Workman, AQS Consulting
Jeff Beckman, Bowen Collins & Associates
Don Olsen, Epic Engineering

Pledge of Allegiance: Chairman led those in attendance in the Pledge of Allegiance.

Welcome the Public and Guests: Chairman welcomed those in attendance.

Public Comment: None

Chairman asked if any of the staff or board members had a conflict of interest with anything on this agenda. There were no conflict of interest.

Employee Recognition:
All those who assisted with election ballot boxes. Andrew Sumsion and LeIsle Fitzgerald thanked all crews that helped getting the ballot boxes installed at two locations, Magna Library, and West Valley City Hall. Everyone did a great job. No action was taken, for full discussion, please go to board meeting recordings beginning at position 1:03 to 3:02.

Approval of Common Consent Items:

Minutes of the regular board meeting held September 10, 2026
Expenses for September 1 to October 6, 2026
General Expenses: $2,795,941.32
Zions Bank Bond Payment: $51,980.83

A motion was made by Dan Stewart, seconded by Jeff White, to approve the minutes of the regular board meeting held September 10, 2026, general expenses from September 1 to October 6, 2026, and the Zions Bank Bond payment in the amount of $2,795,941.32 and $51,980.83; respectively. The motion was approved as follows: Mick Sudbury, yea, Dan Stewart, yea, and Jeff White, yea.

DEPARTMENT REPORTS
General Manager Report: Clint highlighted the following in his report:
Staffing: A Collections Operator position is open, no in house applicants, has been posted outside. A Water Operator-facilities maintenance position is filled but on a 30 day trial period currently.
Operations – Water: The crews will begin shutting down the secondary water system on October 15, 2026. The shallow well pumps will be pulled during the winter season to help prevent corrosion. They weren't used this last season due to the use of reuse water in the secondary water system. Zone 3 secondary water reservoir has issues, the contractor and staff will be working on getting those rectified. EDR stack replacements were completed this year.
Operations – Wastewater: Calibration of all plant flow meters has been completed, to ensure accurate readings. CCTV equipment is in getting repaired.
Operations – Office: Management has been working on 2027 tentative budget this is to be discussed in this agenda. The Great Salt Lake Commission has leased our canal shares this year and last year. We received the lease payment for this year, it was a little over $38,000. We have heard this leasing will not happen next year. The Audubon, or Great Salt Lake Trust, could be interested next year to lease the shares. Potential interest in leasing shares from the individuals that currently lease from Kennecott. Kennecott will not continue with their lease program. Nathan Bracken, legal counsel, disclosed a conflict of interest with Magna Water District and the Great Salt Lake Trust. He represents the National Audubon Society.
Communication & Morale: Clint attended a quarterly meeting with other General Managers around the valley. A couple of things that came up, there is interest in solidifying emergency response agreements, in case of emergencies and the districts need help from others, and devising a method to nominate individuals to the representative for JVWCD board that represents special improvement districts. The district is going to be participating in the Halloween trunk-n-treat on Halloween. There was a flyer sent out to customers regarding secondary water and getting about 1/3 of peak usage during the season from the reuse system.

No action was taken, for full discussion please go to the board meeting recording beginning at position 3:40 to 21:50. Please also see the general manager's report inserted in the board meeting packet.

Engineering Report: Trevor Andra, District Engineer, reported on ongoing projects. No action was taken, for full discussion, please go to the board meeting recording beginning at position 25:01 to 29:28. Please also see the engineering insert in the board meeting packet.

Water Operations Report (including water production and call out report): Steve Clark reported the culinary water production for the month of September was 184.94 million gallons or 567.61-acre feet, a 10.4% decrease from 2025. YTD production for September was 1,474.1 million gallons or 4,524.17-acre feet, a 7.00% decrease from 2025 YTD. We have purchased YTD 606.75-acre feet of water from Jordan Valley Water. The secondary water production for the month of September was 78.38 million gallons or 240.58-acre feet, a 15.25% increase from 2025. YTD production for September was 423.17 million gallons or 1,298.75-acre feet, a 6.05% decrease from 2025. Steve reported the total number of call outs for water and wastewater departments for September was 18, and total hours paid was 87.75. Steve discussed a letter that is going to be sent to 6002 W 2820 S in relation to their water billing. No action was taken, for full discussion please go to the board meeting recording beginning at position 29:29 to 44:12. Please also see the water production report insert in the board meeting packet.

Wastewater Operations Report: Dallas reported the reuse delivered about 52 million gallons to the secondary water system during September and continue to see reuse demand increase. Continue to see effluent ammonia trend downward. No action was taken, for full discussion, please go to board meeting recording beginning at position 44:13 to 46:50. Please also see the wastewater report insert in the board meeting packet.

Controller Report/Clerk Report:
Compliance Requirements Report: LeIsle reported the District is in compliance with reporting requirements. No action was taken, for full discussion, please go to board meeting recording beginning at position 46:51 to 48:50. Please also see the controller/clerk insert in the board meeting packet.

HR Manager Report:
Andrew updated the Board on staffing, trainings completed and trainings coming up, this month's safety training focus, and conferences to be attended with Board approval. No action was taken, for full discussion please go to the board meeting recording beginning at position 48:51 to 56:18. Please also see HR Report insert in the board meeting packet.

WATER & SEWER AVAILABILITY

Discussion and possible motion to approve the following project developments:

Quick Quack Car Wash, located at 7186 W Gates Ave, West Valley City: A motion was made by Jeff White, seconded by Dan Stewart, to approve water and sewer services to Quick Quack Car Wash, located at 7186 W Gates Ave, West Valley City. The motion was approved as follows: Mick Sudbury, yea, Jeff White, yea and Dan Stewart, yea. For full discussion please go to board meeting recording beginning at position 56:19 to 58:22.

PROJECT AWARDS & AGREEMENTS
Discussion and possible motion to approve the following project awards and agreements:

Scope and fee modification for Haynes Well #8 environmental task – additional $5,000 for environmental compliance for grant application: A motion was made by Jeff White, seconded by Dan Stewart, to approve the scope and fee modification for Haynes Well #8 environmental task for an additional $5,000 for environmental compliance for grant application. The motion was approved as follows: Mick Sudbury, yea, Dan Stewart, yea and Jeff White, yea. For full discussion please go to board meeting recording beginning at position 58:23 to 59:51.

Consideration for adoption an Equipment Lease Purchase agreement with Zions Bank Public Finance in the amount of $717,855: A motion was made by Jeff White, seconded by Dan Stewart, to approve the equipment lease purchase agreement with Zions Bank Public Finance in the amount of $717,855. The motion was approved as follows: Mick Sudbury, yea, Jeff White, yea, and Dan Stewart, yea. For full discussion please go to board meeting recording beginning at position 59:52 to 1:02:08.

ADMINISTRATIVE
Discussion and possible motion to approve the following administrative items:

SLC127 Development – conveyance and easement agreement: A motion was made by Jeff White, seconded by Dan Stewart, to approve the conveyance and easement agreement with SLC127 Development. The motion was approved as follows: Mick Sudbury, yea, Dan Stewart, yea and Jeff White, yea. For full discussion please go to board meeting recording beginning at position 1:02:09 to 1:06:00.

Drinking Water Asset Management Plan: A motion was made by Jeff White, seconded by Dan Stewart, to approve the drinking water asset management plan presented. The motion was approved as follows: Mick Sudbury, yea, Jeff White, yea and Dan Stewart, yea. For full discussion please go to board meeting recording beginning at 1:06:01 to 1:10:03.

Resolution 2026-08 – Tentative Budget for 2027: Management presented a tentative budget for 2027. A motion was made by Jeff White, seconded by Dan Stewart to approve Resolution 2026-08 Approval of the District's Tentative Budget for 2027, with modification of adding the EDR Feed and Finish Tank project for $4,500,000, and to hold the budget hearing on November 12, 2026 at 10:00 a.m. The motion was approved as follows: Mick Sudbury, yea, Jeff White, yea and Dan Stewart, yea. For full discussion please go to board meeting recording beginning at 1:10:04 to 1:34:15. Please also see the tentative budget presented in the board meeting packet.

For information and discussion only – no action items:

2027 Biosolids Hauling Planning Update: Dallas updated the board on the biosolids hauling plan. He wanted to let the board know we are evaluating two paths. All variables that come with contracting out the hauling needs of the district, and evaluating the variables of what it would take for staff to maintain the biosolids hauling. They are putting together a matrix that will show the variables. They are waiting on costs and solutions from contractors to finish up the matrix. This matrix will be brought to the board in November. No action was taken. For full discussion please go to board meeting recording beginning at position 1:34:16 to 1:39:42.

Next board meeting – November 12, 2026 at 10:00 am.

Motion to take a brief recess and immediately following, meet in a closed meeting to discuss: (1) the purchase, exchange, lease, or sale of real property, including any form of a water right or water shares, (2) pending or reasonably imminent litigation; and (3) collective bargaining issues pursuant to Utah Code Ann. §§ 52-4-204 through 205. A motion was made by Jeff White, seconded by Dan Stewart, to take a brief recess and immediately following meet in a closed meeting to discuss: (1) the purchase, exchange, lease, or sale of real property, including any form of a water right or water shares, (2) pending or reasonably imminent litigation; and (3) collective bargaining issues pursuant to Utah Code Ann. §§ 52-4-204 through 205. The motion was approved as follows: Dan Stewart, yea, Mick Sudbury, yea, and Jeff White, yea at 11:42 am.

Motion to close the closed meeting and re-open the public board meeting: A motion was made by Jeff White, seconded by Dan Stewart, to close the closed meeting and re-open the public board meeting at 12:40 pm. The motion was approved as follows: Dan Stewart, yea, Mick Sudbury, yea, and Jeff White, yea.

Motion to immediately meet in a closed meeting to discuss the character, professional competence, or physical or mental health of an individual pursuant to Utah Code Ann. §§ 52-4-204 through 205(1)(a): This closed session was not held.

Motion to close the closed meeting and re-open the public board meeting: Not Applicable.

Other Business: None

Adjourn: Having no further business to discuss, a motion was made by Dan Stewart, seconded by Jeff White, to adjourn the meeting at 12:43 pm. The motion was approved as follows: Dan Stewart, yea, Jeff White, yea, and Mick Sudbury, yea.

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Attest Chairperson

INVOICE PAYMENTS

MAGNA WATER DISTRICT
INVOICE PAYMENTS
10/7/2026 TO 11/1/2026

Check Issue Date	Payee	Amount	Description
10/7/2026	AMAZON CAPITAL SERVICES	70.84	TUNE UP/MAINTENANCE KIT- #92
10/7/2026	AMAZON CAPITAL SERVICES	119.99	LOCK OUT TAGS- WWTP
10/7/2026	AMAZON CAPITAL SERVICES	99.99	LOWER CHUTE- #65
10/7/2026	AMAZON CAPITAL SERVICES	398.58	PPE NEOPRENE SAFETY BOOTS-WWTP & EDR
10/7/2026	AMAZON CAPITAL SERVICES	35.67	OFFICE SUPPLIES- WATER
10/7/2026	COSTCO WHOLESALE	108.48	OFFICE SUPPLIES- WATER & OFFICE
10/7/2026	HUBER TECHNOLOGY	1,245.45	PROXIMITY SWITCHES- WWTP
10/9/2026	MID ATLANTIC TRUST COMPANY	4,210.68	401(K)
10/9/2026	UTAH-IDAHO TEAMSTERS SECURITY FUND	42,234.21	UNION HEALTH & WELFARE
10/10/2026	ALLDATA	1,500.00	SUBSCRIPTION
10/10/2026	ANSERFONE	300.00	AFTER HOURS PHONE SERVICE
10/10/2026	BANKCARD CENTER	9.24	ICE - THE SUMMER PARTY
10/10/2026	BANKCARD CENTER	38.56	MANAGERS MEETING
10/10/2026	BANKCARD CENTER	75.91	THE SUMMER PARTY
10/10/2026	BANKCARD CENTER	114.65	THE SUMMER PARTY
10/10/2026	BANKCARD CENTER	120.04	SHRINK WRAP - EDR
10/10/2026	BANKCARD CENTER	246.49	THE SUMMER PARTY
10/10/2026	BANKCARD CENTER	260.26	BOARD MEETING LUNCH
10/10/2026	BANKCARD CENTER	293.36	MANAGERS MEETING LUNCH
10/10/2026	BANKCARD CENTER	389.69	HOTEL AWWA INT CONF
10/10/2026	BANKCARD CENTER	399.99	BUMPER - #85
10/10/2026	BANKCARD CENTER	1,800.00	LTAP - OSHA 10 TRAINING
10/10/2026	GFOA	175.00	GOV GAAP UDATE REGISTRATION
10/10/2026	GFOA	350.00	BEST PRACTICES FORUM
10/10/2026	ISOLVED	180.00	JOB LISTINGS
10/10/2026	LOWE'S	83.04	PRESSURE REGULATORS
10/10/2026	MICROSOFT CORPORATION	70.02	SUBSCRIPTION RENEWALS
10/10/2026	MICROSOFT CORPORATION	70.53	SUBSCRIPTION RENEWALS
10/10/2026	MICROSOFT CORPORATION	2,217.51	MICROSOFT EXCHANGES LICENSES - EMAIL
10/10/2026	ORKIN PEST CONTROL	93.96	PEST CONTROL - OFFICE
10/10/2026	ORKIN PEST CONTROL	333.76	PEST CONTROL -WTTP
10/10/2026	REPUBLIC SERVICES #864	708.39	GARBAGE SERVICES- SHOP/EDR
10/10/2026	REPUBLIC SERVICES #864	2,468.84	GARBAGE SERVICES- WWTP
10/10/2026	SHRED-IT	202.20	SHREDDING SERVICES
10/10/2026	UTAH BARRICADE COMPANY	372.00	BARRICADE RENTAL
10/10/2026	UTAH BROADBAND	279.00	DATA SERVICES - WWTP
10/10/2026	UTAH BROADBAND	775.00	DATA SERVICES- WELL FIELDS
10/10/2026	VERIZON CONNECT FLEET USA LLC	672.86	GPS
10/10/2026	VERIZON WIRELESS	1,057.00	CELL PHONES
10/10/2026	WEF MEMBERSHIP	99.00	MEMBERSHIP
10/10/2026	WEST VALLEY CITY	130.20	STORMWATER FEE - EDR
10/10/2026	WESTERN CONF TEAMSTERS PENSION	28,738.63	UNION PENSION CONTRIBUTION
10/10/2026	ZAYO	3,997.34	TELEPHONE & DATA SERVICES
10/11/2026	PURCHASE POWER	491.50	POSTAGE
10/13/2026	ALLSTATE	478.27	INSURANCE
10/14/2026	ADVANCED ENGINEERING & ENVIR. SERVICES	25,433.75	WTP STORAGE TANK
10/14/2026	AIRGAS USA LLC - CENTRAL DIVISION	6.30	ARGON RENTAL CYLINDER
10/14/2026	AIRGAS USA LLC - CENTRAL DIVISION	88.20	ACETYLENE & OXYGEN RENTAL CYLINDERS
10/14/2026	AQS ENVIRONMENTAL SCIENCE	2,000.00	SEWER CHEMIST CONSULTANT
10/14/2026	AQUA ENVIRONMENTAL SERVICES	1,500.00	ANNUAL METER CALIBRATIONS
10/14/2026	ARDURRA	2,551.25	MWD 2025 GIS SERVICES
10/14/2026	BD BUSH EXCAVATION	737,631.01	MAGNA WESTSIDE COLLECTION
10/14/2026	BOWEN COLLINS & ASSOCIATES	575.75	MWD MASTER PLANNING, IMPACT FEE & RATE STUDIES
10/14/2026	BOWEN COLLINS & ASSOCIATES	13,947.17	MWD WRF OPERATIONS BUILDING PROJECT
10/14/2026	CHEMTECH-FORD LLC	534.00	WWTP LAB & TESTING
10/14/2026	CHEMTECH-FORD LLC	650.00	PERCHLORATE SAMPLING
10/14/2026	CHEMTECH-FORD LLC	657.00	WWTP LAB & TESTING
10/14/2026	CHEMTECH-FORD LLC	534.00	WWTP LAB & TESTING
10/14/2026	CHEMTECH-FORD LLC	728.00	WATER LAB & TESTING
10/14/2026	CHEMTECH-FORD LLC	657.00	WWTP LAB & TESTING
10/14/2026	CHEMTECH-FORD LLC	661.00	PERCHLORATE SAMPLING
10/14/2026	CHEMTECH-FORD LLC	64.00	WATER LAB & TESTING
10/14/2026	CHEMTECH-FORD LLC	52.00	WATER LAB & TESTING
10/14/2026	CHEMTECH-FORD LLC	534.00	WWTP LAB & TESTING
10/14/2026	CHEMTECH-FORD LLC	64.00	WATER LAB & TESTING
10/14/2026	CHEMTECH-FORD LLC	640.00	WATER LAB & TESTING
10/14/2026	CHEMTECH-FORD LLC	104.00	WATER LAB & TESTING
10/14/2026	CINTAS 1ST AID	255.45	SHOP FIRST AID CABINET
10/14/2026	CINTAS 1ST AID	138.40	OFFICE FIRST AID CABINET
10/14/2026	CINTAS 1ST AID	70.42	WWTP ADMIN FIRST AID CABINET

MAGNA WATER DISTRICT
INVOICE PAYMENTS
10/7/2026 TO 11/1/2026

Check Issue Date	Payee	Amount	Description
10/14/2026	CINTAS 1ST AID	77.14	WWTP FIRST AID CABINET
10/14/2026	CINTAS 1ST AID	77.35	WWTP ADMIN FIRST AID CABINET
10/14/2026	CINTAS 1ST AID	187.26	SHOP FIRST AID CABINET
10/14/2026	CINTAS 1ST AID	75.96	OFFICE FIRST AID CABINET
10/14/2026	CINTAS 1ST AID	40.91	EDR FIRST AID CABINET
10/14/2026	CINTAS 1ST AID	8.03	OFFICE FIRST AID CABINET
10/14/2026	CINTAS 1ST AID	62.63	SHOP FIRST AID CABINET
10/14/2026	CINTAS 1ST AID	30.03	WWTP FIRST AID CABINET
10/14/2026	CINTAS 1ST AID	28.45	WWTP ADMIN FIRST AID CABINET
10/14/2026	CINTAS 1ST AID	40.60	EDR FIRST AID CABINET
10/14/2026	CONSTRUCTION WASTE MANAGEMENT	1,126.87	HAUL SPOILS FROM SHOP YARD
10/14/2026	CORRIO CONSTRUCTION INC	196,696.18	MAGNA INFLUENT PROJECT
10/14/2026	COSTCO WHOLESALE	196.30	OFFICE SUPPLIES- SHOP
10/14/2026	CRUS OIL INC/QUALCO	1,298.95	OIL FOR FLEET
10/14/2026	DAN STEWART	158.37	MILEAGE REIMBURSEMENT & TRAINING PAY UASD
10/14/2026	DEPT OF GOVERNMENT OPER	9,746.66	FUEL FOR VEHICLES
10/14/2026	DITCH WITCH OF THE ROCKIES	701.68	SEWER CAMERA REPAIR- #54
10/14/2026	E.T. TECHNOLOGIES INC	848.33	SLUDGE REMOVAL
10/14/2026	E.T. TECHNOLOGIES INC	1,116.05	SLUDGE REMOVAL
10/14/2026	E.T. TECHNOLOGIES INC	1,592.54	SLUDGE REMOVAL
10/14/2026	E.T. TECHNOLOGIES INC	1,620.16	SLUDGE REMOVAL
10/14/2026	E.T. TECHNOLOGIES INC	381.14	SLUDGE REMOVAL
10/14/2026	E.T. TECHNOLOGIES INC	1,981.37	SLUDGE REMOVAL
10/14/2026	E.T. TECHNOLOGIES INC	842.49	SLUDGE REMOVAL
10/14/2026	E.T. TECHNOLOGIES INC	2,521.34	SLUDGE REMOVAL
10/14/2026	E.T. TECHNOLOGIES INC	1,660.80	SLUDGE REMOVAL
10/14/2026	E.T. TECHNOLOGIES INC	1,691.08	SLUDGE REMOVAL
10/14/2026	E.T. TECHNOLOGIES INC	1,156.16	SLUDGE REMOVAL
10/14/2026	E.T. TECHNOLOGIES INC	770.51	SLUDGE REMOVAL
10/14/2026	E.T. TECHNOLOGIES INC	389.10	SLUDGE REMOVAL
10/14/2026	E.T. TECHNOLOGIES INC	2,095.05	SLUDGE REMOVAL
10/14/2026	E.T. TECHNOLOGIES INC	1,187.23	SLUDGE REMOVAL
10/14/2026	E.T. TECHNOLOGIES INC	1,972.60	SLUDGE REMOVAL
10/14/2026	E.T. TECHNOLOGIES INC	1,981.10	SLUDGE REMOVAL
10/14/2026	E.T. TECHNOLOGIES INC	1,618.57	SLUDGE REMOVAL
10/14/2026	E.T. TECHNOLOGIES INC	1,665.04	SLUDGE REMOVAL
10/14/2026	E.T. TECHNOLOGIES INC	1,627.33	SLUDGE REMOVAL
10/14/2026	E.T. TECHNOLOGIES INC	1,213.27	SLUDGE REMOVAL
10/14/2026	ELITE GROUNDS LLC	1,328.34	LANDSCAPING- OFFICE
10/14/2026	ELITE GROUNDS LLC	833.96	LANDSCAPING- WWTP
10/14/2026	ENDRESS & HAUSER INC	5,560.00	METER VERIFICATION- EDR & PUMP HOUSES
10/14/2026	FLEET PRIDE	144.21	TAIL LIGHTS, SPRAY LUBE, WINTER FUEL ADDITIVE
10/14/2026	HANSEN ALLEN & LUCE INC	625.50	MWD - RISK & RESILIENCE ASSMT & EMERGENCY RESPONSE PLAN
10/14/2026	HARRINGTON INDUSTRIAL PLASTICS	204.97	STACK REPLACEMENT PARTS- EDR
10/14/2026	HI- VALLEY CHEMICAL	3,114.80	CHEMICALS
10/14/2026	HORROCKS	2,338.00	MAGNA DWSPP UPDATE
10/14/2026	HORROCKS	1,002.00	MAGNA DWSPP UPDATE
10/14/2026	HORROCKS	8,661.88	MWD - HAYNES WELL 8 REPLACEMENT
10/14/2026	JEFF WHITE	158.37	MILEAGE REIMBURSEMENT & TRAINING PAY UASD
10/14/2026	JOHN HANCOCK LIFE INSURANCE CO.	1,670.40	OPEB OBLIGATION
10/14/2026	JORDAN VALLEY WATER	32,985.93	WATER DELIVERIES
10/14/2026	KNIFE RIVER	369.08	ASPHALT FOR REPAIRS
10/14/2026	KNIFE RIVER	306.48	ASPHALT FOR REPAIRS
10/14/2026	LEVERAGE IT SOLUTIONS	3,150.00	STANDARD SUPPORT - SEPTEMBER 2026
10/14/2026	LEVERAGE IT SOLUTIONS	3,765.47	SECURITY CAMERAS & INSTALL
10/14/2026	LEVERAGE IT SOLUTIONS	3,291.00	BARRACUDA SUBSCRIPTION
10/14/2026	LOGISTIC JN	1,800.00	REFUND HYDRANT DEPOSIT
10/14/2026	MICK SUDBURY	158.37	MILEAGE REIMBURSEMENT & TRAINING PAY UASD
10/14/2026	OLYMPUS INSURANCE COMPANY	100.00	INSURANCE
10/14/2026	PAULSEN CONSTRUCTION LLC	120,562.60	MAGNA WRF OPERATIONS BLDG
10/14/2026	PREMIER TRUCK GROUP	155.68	MUD FLAPS
10/14/2026	PREMIER TRUCK GROUP	67.20	MUD FLAPS
10/14/2026	PREMIER TRUCK GROUP	(65.32)	RETURN MUD FLAPS
10/14/2026	PUMPS AND CONTROLS	3,067.64	LMI POLYMER PUMP & FITTINGS- WWTP
10/14/2026	PUMPS AND CONTROLS	313.97	LMI POLYMER PUMP & FITTINGS- WWTP
10/14/2026	PUMPS AND CONTROLS	689.46	LMI POLYMER PUMP & FITTINGS- WWTP
10/14/2026	ROCKY MOUNTAIN MEDICAL CLINIC	65.00	DOT PHYSICAL
10/14/2026	S&S ELECTRIC LLC	9,507.30	MCC BUCKET REPAIR
10/14/2026	SAFELITE FULFILLMENT INC	799.64	WINDSHIELD REPLACEMENT- #31
10/14/2026	SAFELITE FULFILLMENT INC	645.48	WINDSHIELD REPLACEMENT- #90

MAGNA WATER DISTRICT
INVOICE PAYMENTS
10/7/2026 TO 11/1/2026

Check Issue Date	Payee	Amount	Description
10/14/2026	SEBIS DIRECT INC	374.41	YELLOW DOOR HANGARS
10/14/2026	SENERGY PETROLEUM	484.05	BEARING GREASE - INFLUENT SCREW PUMP - WWTP
10/14/2026	SENERGY PETROLEUM	837.90	OIL- INFUENT SCREW PUMPS- WWTP
10/14/2026	SKM INC	411.25	SCADA MAINTENANCE/SUPPORT- WATER
10/14/2026	SRM CONCRETE	636.00	CONCRETE FOR REPAIR
10/14/2026	STANTEC CONSULTING SERVICES INC	31,643.42	MAGNA INFLUENT PROJECT PHASE 3 - ENGINEERING SERVICES
10/14/2026	STANTEC CONSULTING SERVICES INC	12,374.33	WESTSIDE COLLECTION SYSTEM IMPROVEMENTS, PROJECT 1B-CM
10/14/2026	STAPLES BUSINESS CREDIT	17.56	OFFICE SUPPLIES- OFFICE
10/14/2026	STAPLES BUSINESS CREDIT	29.50	OFFICE SUPPLIES- OFFICE
10/14/2026	STAPLES BUSINESS CREDIT	10.78	OFFICE SUPPLIES- OFFICE
10/14/2026	STAPLES BUSINESS CREDIT	149.97	OFFICE SUPPLIES- OFFICE
10/14/2026	STAPLES BUSINESS CREDIT	14.08	OFFICE SUPPLIES- OFFICE
10/14/2026	STEP SAVER INC	882.00	ICE MELT
10/14/2026	THATCHER COMPANY	8,745.94	CHEMICALS
10/14/2026	THATCHER COMPANY	(2,100.00)	CHEMICALS
10/14/2026	THATCHER COMPANY	10,817.88	CHEMICALS
10/14/2026	THATCHER COMPANY	9,283.75	CHEMICALS
10/14/2026	THATCHER COMPANY	(5,000.00)	CHEMICALS
10/14/2026	THE RAGMAN COMPANY	661.00	RAGS- SHOP
10/14/2026	TY QUINN	453.95	REIMBURSEMENT - TEST FEE & STUDY MATERIALS
10/14/2026	WASATCH ELECTRIC	4,179.00	WOOD POLE AT 7600 W- METER READING
10/15/2026	ENBRIDGE GAS	32.68	GAS 8931 W 3500 S
10/15/2026	ENBRIDGE GAS	45.70	GAS 8885 W 3500 S
10/15/2026	IPS	164.88	PAYROLL PROCESSING SERVICES
10/15/2026	SAFETY-KLEEN SYSTEMS INC	494.43	PARTS WASHER SOLVENT SERVICE- MECHANIC SHOP
10/15/2026	SIGN NOW	1,750.00	ONLINE APPLICATION SUBSCRIPTION
10/15/2026	UTAH BARRICADE COMPANY	2,020.00	BARRICADE RENTAL
10/15/2026	UTAH BARRICADE COMPANY	360.00	BARRICADE RENTAL
10/16/2026	ENBRIDGE GAS	7.66	GAS 3291 S 8000 W
10/16/2026	ENBRIDGE GAS	194.60	GAS 6850 W 2820 S
10/16/2026	ENBRIDGE GAS	21.92	GAS 6026 PARKWAY BLVD
10/16/2026	ENBRIDGE GAS	574.89	GAS 7650 W 2100 S
10/19/2026	OSINC INC	369.98	UNIFORM BOOTS
10/19/2026	OSINC INC	379.95	UNIFORM BOOTS
10/19/2026	ROCKY MOUNTAIN POWER CO	1,394.23	POWER BOOSTER STATION
10/19/2026	ROCKY MOUNTAIN POWER CO	51,677.25	POWER WELLS 1&2
10/19/2026	ROCKY MOUNTAIN POWER CO	2,959.29	POWERPOWER HAYNES WELL
10/20/2026	POLYDYNE INC	14,140.17	CHEMICALS
10/20/2026	ROCKY MOUNTAIN POWER CO	46.46	POWER 3500 TANKS
10/20/2026	ROCKY MOUNTAIN POWER CO	19.89	POWER BACCHUS TANKS
10/20/2026	ROCKY MOUNTAIN POWER CO	1,835.99	POWER SECONDARY WATER PUMP
10/20/2026	ROCKY MOUNTAIN POWER CO	6,206.31	POWER 4120 S 8400 W PUMP
10/20/2026	ROCKY MOUNTAIN POWER CO	387.31	POWER CEMENT BLDG SHOPS
10/20/2026	ROCKY MOUNTAIN POWER CO	2,817.27	POWER 7600 W RESERVOIR
10/20/2026	ROCKY MOUNTAIN POWER CO	12.98	POWER JORDAN VALLEY
10/21/2026	BLUELINE SERVICES	204.50	RADOM DRUG TESTING
10/21/2026	ENBRIDGE GAS	504.95	METER UPGRADE- WWTP
10/21/2026	RULON HARPER CONSTRUCTION INC	130.76	GRAVEL & ROADBASE FOR REPAIRS
10/21/2026	RULON HARPER CONSTRUCTION INC	111.00	GRAVEL & ROADBASE FOR REPAIRS
10/21/2026	RULON HARPER CONSTRUCTION INC	69.58	GRAVEL & ROADBASE FOR REPAIRS
10/21/2026	WORKERS COMPENSATION FUND OF U	1,664.37	WCF INSURANCE
10/27/2026	BLUE STAKES OF UTAH 811	532.61	BILLABLE & NON E-MAIL NOTIFICATIONS
10/27/2026	ZIONS BANK PUBLIC FINANCIAL SVS	57,039.06	DOWN PAYMENT - 2026 VEHICLE LEASE
10/28/2026	BANKCARD CENTER	306.00	SOD FOR REPAIRS
10/28/2026	GLENS KEY INC	77.60	KEYS- WRF KNOX BOXES
10/28/2026	GRAINGER	1,748.35	DEF FLUID PUMP REPLACEMENT
10/28/2026	LOUMIS CDL TESTING	1,575.00	CDL TRAINING
10/28/2026	META DESIGNS	7,000.00	PERGOLA & SHADE STRUCTURE- GARDEN PROJECT
10/28/2026	MID ATLANTIC TRUST COMPANY	4,210.68	401(K)
10/29/2026	HOME DEPOT CREDIT SERVICES	547.76	CONCRETE VIBRATOR & SUPPLIES- INSTALL BALLOT BOXES
10/29/2026	HOME DEPOT CREDIT SERVICES	449.00	CONCRETE VIBRATOR & SUPPLIES- INSTALL BALLOT BOXES
10/29/2026	ROCKY MOUNTAIN POWER CO	70.71	POWER SHALLOW WELLS
10/29/2026	U. S. POSTMASTER	600.00	POSTAGE
10/29/2026	WHEELER MACHINERY CO	7,750.00	MINI HYDRAULIC EXCAVATOR RENTAL
10/30/2026	ROCKY MOUNTAIN POWER CO	264.67	POWER WWTP OPERATIONS
10/30/2026	ROCKY MOUNTAIN POWER CO	38,949.41	POWER SEWER PLANT
10/30/2026	ROCKY MOUNTAIN POWER CO	21.85	POWER WWTP ADMIN BLDG
		$ 1,622,703.34	

VENDOR NAME	AMOUNT	YTD Totals
ADVANCED ENGINEERING & ENVIR. SERVICES	25,433.75	320,644.06
AIRGAS USA LLC - CENTRAL DIVISION	94.50	1,142.43
ALLDATA	1,500.00	1,500.00
ALLSTATE	478.27	10,366.46
AMAZON CAPITAL SERVICES	725.07	4,815.02
ANSERFONE	300.00	2,995.00
AQS ENVIRONMENTAL SCIENCE	2,000.00	18,000.00
AQUA ENVIRONMENTAL SERVICES	1,500.00	1,500.00
ARDURRA	2,551.25	38,021.25
BANKCARD CENTER	4,054.19	4,054.19
BD BUSH EXCAVATION	737,631.01	1,498,537.07
BLUE STAKES OF UTAH 811	532.61	3,842.25
BLUELINE SERVICES	204.50	204.50
BOWEN COLLINS & ASSOCIATES	14,522.92	220,802.56
CHEMTECH-FORD LLC	5,879.00	84,337.00
CINTAS 1ST AID	1,092.63	4,821.05
CONSTRUCTION WASTE MANAGEMENT	1,126.87	4,132.26
CORRIO CONSTRUCTION INC	196,696.18	3,307,232.63
COSTCO WHOLESALE	304.78	3,980.99
CRUS OIL INC/QUALCO	1,298.95	3,260.96
DAN STEWART	158.37	158.37
DEPT OF GOVERNMENT OPER	9,746.66	80,303.41
DITCH WITCH OF THE ROCKIES	701.68	14,169.13
E.T. TECHNOLOGIES INC	29,931.26	149,887.82
ELITE GROUNDS LLC	2,162.30	18,185.25
ENBRIDGE GAS	1,382.40	63,838.07
ENDRESS & HAUSER INC	5,560.00	5,560.00
FLEET PRIDE	144.21	144.21
GFOA	525.00	1,025.00
GLENS KEY INC	77.60	7,630.44
GRAINGER	1,748.35	9,608.58
HANSEN ALLEN & LUCE INC	625.50	18,171.50
HARRINGTON INDUSTRIAL PLASTICS	204.97	4,326.41
HI- VALLEY CHEMICAL	3,114.80	26,769.55
HOME DEPOT CREDIT SERVICES	996.76	2,957.39
HORROCKS	12,001.88	30,038.38
HUBER TECHNOLOGY	1,245.45	22,887.14
IPS	164.88	1,566.00

VENDOR NAME	AMOUNT	YTD Totals
ISOLVED	180.00	1,599.72
JEFF WHITE	158.37	158.37
JOHN HANCOCK LIFE INSURANCE CO.	1,670.40	1,670.40
JORDAN VALLEY WATER	32,985.93	294,607.07
KNIFE RIVER	675.56	8,968.61
LEVERAGE IT SOLUTIONS	10,206.47	44,619.76
LOGISTIC JN	1,800.00	1,800.00
LOUMIS CDL TESTING	1,575.00	7,875.00
LOWE'S	83.04	8,125.36
META DESIGNS	7,000.00	7,000.00
MICK SUDBURY	158.37	158.37
MICROSOFT CORPORATION	2,358.06	5,072.49
MID ATLANTIC TRUST COMPANY	8,421.36	276,261.18
OLYMPUS INSURANCE COMPANY	100.00	266,152.00
ORKIN PEST CONTROL	427.72	1,577.42
OSINC INC	749.93	4,068.88
PAULSEN CONSTRUCTION LLC	120,562.60	145,746.62
POLYDYNE INC	14,140.17	113,121.36
PREMIER TRUCK GROUP	157.56	1,286.56
PUMPS AND CONTROLS	4,071.07	4,071.07
PURCHASE POWER	491.50	3,982.45
REPUBLIC SERVICES #864	3,177.23	30,931.95
ROCKY MOUNTAIN MEDICAL CLINIC	65.00	1,054.00
ROCKY MOUNTAIN POWER CO	106,663.62	993,076.32
RULON HARPER CONSTRUCTION INC	311.34	9,461.96
S&S ELECTRIC LLC	9,507.30	10,273.80
SAFELITE FULFILLMENT INC	1,445.12	3,641.89
SAFETY-KLEEN SYSTEMS INC	494.43	3,107.91
SEBIS DIRECT INC	374.41	49,077.97
SENERGY PETROLEUM	1,321.95	5,540.00
SHRED-IT	202.20	1,073.75
SIGN NOW	1,750.00	1,750.00
SKM INC	411.25	41,763.07
SRM CONCRETE	636.00	7,703.00
STANTEC CONSULTING SERVICES INC	44,017.75	262,311.04
STAPLES BUSINESS CREDIT	221.89	4,105.01
STEP SAVER INC	882.00	882.00
THATCHER COMPANY	21,747.57	341,948.97

VENDOR NAME	AMOUNT	YTD Totals
THE RAGMAN COMPANY	661.00	1,828.00
TY QUINN	453.95	453.95
U. S. POSTMASTER	600.00	1,600.00
UTAH BARRICADE COMPANY	2,752.00	6,808.55
UTAH BROADBAND	1,054.00	10,520.00
UTAH-IDAHO TEAMSTERS SECURITY FUND	42,234.21	432,322.58
VERIZON CONNECT FLEET USA LLC	672.86	6,588.88
VERIZON WIRELESS	1,057.00	10,375.68
WASATCH ELECTRIC	4,179.00	4,179.00
WEF MEMBERSHIP	99.00	1,335.00
WEST VALLEY CITY	130.20	2,002.00
WESTERN CONF TEAMSTERS PENSION	28,738.63	306,319.89
WHEELER MACHINERY CO	7,750.00	33,826.11
WORKERS COMPENSATION FUND OF U	1,664.37	20,651.00
ZAYO	3,997.34	36,633.80
ZIONS BANK PUBLIC FINANCIAL SVS	57,039.06	214,039.98
TOTALS	1,622,703.34	10,046,526.08

MAGNA WATER DISTRICT
ZIONS BANK BOND PAYMENT
10/7/2026 - 11/1/2026

Check Issue Date	Payee	Amount	Description
10/14/2026	ZIONS FIRST NATIONAL BANK	51980.83	5436869-BOND SER 2013
		$ 51,980.83	

MANAGERS REPORT

MEMO

TO: **MWD Board of Directors**

FROM: **Clint Dilley, P.E., General Manager**

DATE: **11/04/26 (November 12th Board Meeting)**

RE: **Report and Discussion from General Manager**

PURPOSE OF MEMO

The purpose of this memo is to provide the Magna Water District (MWD) Board of Directors a general report from the General Manager and associated discussion with input from rest of management team to keep the board abreast of general matters in the District. The format of the memo will primarily be a list of bullet points to assist guiding the discussion in the board meeting.

REPORT FROM GENERAL MANAGER

After discussions with the board and management team we have focused our efforts on three main areas including 1) Staffing 2) Operations and 3) Communication as outlined in the following sections.

STAFFING

- Water Operations
    - Water Operator – Construction Crew in house posting closes this week
- Wastewater Operations
    - Collections Operator – Interviews scheduled for this week

OPERATIONS

- Water Operations
    - 2026 Conservation Plan completed and posted for public review and comment
    - Finalizing secondary water system flushing and shutdown this week
    - Backflow team completed backflow training last week
- WWTP Operations
    - WW team hosted a UFA onsite training last week
    - WW OM coordinating with MSD Emergency Municipal Planner for better communication and coordination
    - Update on solids hauling in this months board meeting
- Office
    - Finalize 2027 budget in this month's board meeting
    - Unofficial board election results will be posted by end of week. Official results by Nov. 12th

- Great Salt Lake Watershed Enhancement Trust is interested in leasing canal shares next season. DE also evaluating feasibility of leasing shares to customers who are losing Kennecott leasing agreements next year.

- Delinquent accounts
  - September 2026
    - Accounts that are delinquent: 423
    - Total of all delinquent accounts: $130,009.28
    - Average delinquent account balance: $307.35
    - Pink notices sent out = 597
      - Pink notices were 65% effective
    - Red notices were 97% effective as of 9/30/26

  - August 2026
    - Accounts that are delinquent: 598
    - Total of all delinquent accounts: $192,333.21
    - Average delinquent account balance: $321.62
    - Pink notices sent out = 244
      - Pink notices were 68% effective
    - Red notices were 92% effective as of 8/31/26

  - July 2026
    - Accounts that are delinquent: 451
    - Total of all delinquent accounts: $129,863.67
    - Average delinquent account balance: $287.95
    - Pink notices sent out = 325
      - Pink notices were 69% effective
    - Red notices were 94% effective as of 7/31/26

COMMUNICATION & MORALE

- Continue working toward improving communication w/ board members & community partners
  - Copper Club reported that the reuse conversion was a great success for them this season
  - Attended Magna City trunk or treat event on Friday, 10/30/26
  - Invited to speak/host tour for the Westside Environmental Resident Committee by U of U Neighborhood Partners program
  - Board members and some management team will attend UASD annual training and certification on 11/4 & 11/5
- Work to improve communication & morale with employees
  - Completed annual flu shots for employees
  - Completion of employee goals will be presented to board in December meeting
  - Employee Christmas luncheon planned for December 17th at 11:30 am
- Work to improve communication with customers
  - Draft news alert and Yoppify post for Customer Web Portal rollout
  - Draft flyer for upcoming public hearing on rate study findings
  - Thorough and prompt response to customer concerns and complaints
    - Responded to complaint from property owner in WVC concerned over replacement of existing service lateral

ENGINEERING REPORT

Engineering Report (Updated 11/04/26)

Capital and General Engineering Projects

- 8800 West Water line Project
  - Postponed till later date
- 7200 W and 3100 S Secondary Water Project
  - Plan to construct in future
- **Influent Pump Station**
  - **Intermediate PS complete**
  - **Working on Punch List Items**
- **Haynes Well #8 Replacement ($1.31 million grant)**
  - Well drilling complete – Safe Yield of 1300 gpm
  - **Well House Construction out to bid, closes Dec. 1st**
  - Grant agreement complete
- West Side Collection Phase 1B Project
  - SR-201 bore on hold until fiber is relocated
  - Fiber Relocation Complete
  - **SR-201 Bore Started Nov. 5th will take about 2 weeks. Final completion early December.**
- West Side Collection Phase 2 Project
  - 95% design complete
- **West Side Collection Phase 3 Project**
  - Survey and Geotechnical investigation completed.
  - **90% design complete**
  - Had meetings with KUC and Copper Club GC
- **WRF Operations / Change House**
  - **Construction ongoing**
    - **Starting on Block**
    - **Working on site piping**
- **Zone 3 Secondary Water Reservoir**
  - Pipeline and reservoir are complete
  - **Manhole being raised, have a plan for determining cause of leak.**
- Lead and Copper Service Line Replacement
  - Project Complete
- Railroad Parcel
  - Hold property
- EDR Finish and Feed Tank Design
  - **90% design complete, working to finalize plans and specifications**
- Master Plan
  - **Working on Rate Analysis**
- **General Office Conservation Garden**
  - **TerraWorks will perform majority of work Spring 2027**
  - **Working with JVWCD on Grant for Construction, anticipate $50,000 grant**

WATER OPERATIONS REPORT

Water Production Report & Callout Report

October 2026

Water Production Summary

The culinary water production for the month of October was 131.34 million gallons or 403.11-acre feet, a 2.17% increase from 2025. YTD production for October was 1,605.44 million gallons or 4,927.28-acre feet, a 6.22% decrease from 2025 YTD.

We have purchased YTD 678.25-acre feet of water from Jordan Valley Water.

The secondary water production for the month of October was 22.51 million gallons or 69.08-acre feet, a 56.18% decrease from 2025. YTD production for October was 445.68 million gallons or 1,367.83-acre feet, a 8.58% decrease from 2025.

Callout Report – Water and Wastewater Combined

Total number of call outs – 21
- Water – 11
- Wastewater – 6
- Election - 2
- Halloween Parade – 2

Total Hours for call outs – 89.5
- Water – 56.50
- Wastewater - 18
- Election - 9
- Halloween Parade - 6

Mainline Leak – 0
Service Line Leaks – 2
Miscellaneous - 19

Summary Of Water Deliveries
MAGNA WATER DISTRICT
System # 18014
Oct-26

Source	Month's Deliveries (AF)		Change %	Current Month's Gall	Deliveries YTD (AF)		Change %	YTD Gallons
CULINARY WATER	**2026**	**2025**			**2026**	**2025**		
Well Sources Barton and Haynes	383.89	369.69			4,887.50	5,207.30		
To Waste	46.20	35.21			574.59	569.04		
Total Finished Blend EDR	331.61	323.66			4,249.03	4,562.69		
JVWCD Magna Reading	71.17	70.31			675.68	664.66		
JVWCD	71.50	**70.69**			**678.25**	**671.20**		
Total Culinary Water	**403.11**	394.35	2.17%	131,344,525	4,927.28	5,233.89	-6.22%	1,605,445,788
SECONDARY WATER								
Irrigation Well #1	-	-			2.22	40.67		
Irrigation Well #2	-	-			2.47	113.50		
Irrigation Well #3	-	-			0.04	18.13		
High Zone (secondary)	19.06	20.30			384.95	404.76		
Low Zone (secondary)	-	-			-	4.40		
WWTP Reuse (secondary)	50.02	87.59			978.15	903.72		
Total Secondary Water	69.08	107.89	-56.18%	22,508,267	1,367.83	1,485.18	-8.58%	445,677,313
Total Production of Water	472.19	502.24	-6.36%	153,852,723	6,295.11	6,719.07	-7%	2,051,123,101

*** EDR Blend + Total Secondary + JVWCD = Total Production**

OCTOBER CALL OUTS

Dept.	Employee	Date	Hours	Description
WATER	BOB BATT	10/2/2026	4.5	SERVICE LEAK- 3306 S GOMPERS CIR
EDR		10/13/2026	3	LOW AIR COMPRESSOR- EDR
SEWER	BEAU LAMPER	10/1/2026	3	PUMPED DOWN AT INT PUMP STATION, WENT ON BYPASS
		10/2/2026	3	STARTED UP INT PUMP STATION
		10/4/2026	3	BLEND WELL LOW LEVEL ALARM, PLUG DEFLATED IN CHOPPER WELL
WATER	JUSTIN LONG	10/2/2026	4.5	SERVICE LEAK- 3306 S GOMPERS CIR
WATER	CHRIS THOMPSON	10/2/2026	4.5	SERVICE LEAK- 3306 S GOMPERS CIR
SEWER	DYLLAN DELOBEL	10/9/2026	3	SHUT DOWN BYPASS EQUIPMENT TO RESUME NORMAL PLANT OPERATION
WATER	CLINT GILES	10/12/2026	3	EMERGENCY BLUESTAKES- 7329 W 3500 S
WATER	GAVIN HENSHAW	10/9/2026	3.5	SERVICE LEAK- 7486 W SUN CIR
		10/10/2026	3	LEAK CHECK ON AIRVAC- CORDERO DR; HOTSIDE SERVICE LEAK IN METER BOX- 3786 S ROAN CIR; HOMEOWNERS SEWER LINE BACKING UP- 8835 W 3500 S
WATER	MATTHEW HUNTER	10/9/2026	3	SERVICE LEAK- 7486 W SUN CIR
		10/23/2026	3	EMERGENCY BLUESTAKES- 3841 S BOWIE DR; LEAK CHECK- 2606 S 7200 W; SHUT OFF FOR REPAIRS- 4084 W SELMA MINE DR
			3	TURN ON AFTER REPAIR- 4084 S SELMA MINE DR
		10/28/2026	3	HOTSIDE SERVICE LEAK- 3135 S RULON ST; NO WATER TO HOME- 3175 S BUENA VERDE LN
WATER	TAYLOR WARNER	10/9/2026	3.5	SERVICE LEAK- 7486 W SUN CIR
EDR	JON DAVIS	10/13/2026	3	LOW AIR COMPRESSOR- EDR
WATER	MICHAEL HARMS	10/16/2026	3	HELP LEISLE WITH BALLOT BOX
		10/17/2026	3	BROKEN SPRINKLER VALVE, FLOODING YARD- 7188 W 2820 S
		10/30/2026	3	EMERGENCY BLUESTAKES- 3351 S MARIGOLD; NO WATER IN HOME, INSIDE VALVE OFF- 3542 S TOOLSON
			3	HALLOWEEN PARADE
		10/18/2026	3	LEAK IN PARK STRIP- 2844 S DAMRON CIR
SEWER	CHET DRAPER	10/22/2026	3	SCREW PUMP 1 & 2 FAIL. RESET PUMPS
		10/25/2026	3	SCREW PUMP OVER AMP ALARM, RESET & RESTART
EDR	MATT SKOGERBOE	10/24/2026	3	PLC FAILURE
WATER	MELINDA CAMPBELL	10/30/2026	3	BALLOT PICK UP WITH LEISLE
WATER	KIM CISNEROS	10/30/2026	3	HALLOWEEN PARADE
WATER	KAYDEE HELLINGS	10/30/2026	3	HALLOWEEN PARADE

Total Callout Hours	**89.5**
Total Callouts	**21**
Total Water/EDR Hours	**71.5**
Total # of Water Callouts	**15**
Total WWTP Hours	**18**
Total WWTP Callouts	**6**

LEAKS

Date	Address	Hours	Mainline/Service
10/2/2026	3306 S GOMPERS CIR	13.5	SERVICE
10/9/2026	7486 W SUN CIR	10	SERVICE
	TOTAL	**23.5**	

WASTEWATER OPERATIONS REPORT

Magna WRF Operations Report: October 2026

Overview:

- **The 2026 reuse season concluded with approximately 312 million gallons of reuse water delivered, an increase of 6% compared to total deliveries in 2025.**

Regulatory & Compliance:

- **Fourth-quarter biomonitoring was completed with no compliance issues, concluding the WRF's required Whole Effluent Toxicity (WET) testing for 2026.**
- **Total Phosphorus is currently trending toward an annual average of approximately 0.90 mg/L for 2026, with a regulatory limit of 1.0 mg/L.**

PARAMETER	Permit Limit	Aug-2026	Sep-2026	Oct-2026
Influent BOD (mg/L)	N/A	245	209	230
Effluent BOD (mg/L)	25	9	5	6
BOD Removal Percent (%)	85	96	98	97
Influent TSS (mg/L)	N/A	334	294	327
Effluent TSS (mg/L)	25	4	4	4
TSS Removal Percent (%)	85	98	99	99
Effluent Ammonia (NH_3)	7	1.82	1.70	1.78
Additional Plant Parameters				
Wasting Rate (MGD)	N/A	.130	.133	.128
Daily Average Plant Flow (MGD)	N/A	2.901	2.895	2.880
Monthly Total Reuse Flow (MG)	N/A	64.55	52.734	16.297

****These measures are key indicators of how well the treatment process is working.***

***BOD** (Biochemical Oxygen Demand) is a measure of the amount of dissolved oxygen that microorganisms need to break down organic matter in wastewater under aerobic conditions.

***TSS** (Total Suspended Solids) is a measure of the number of solid particles suspended in wastewater or effluent that can be trapped by a filter.

Monthly Highlights:

- **WRF staff partnered with Thatcher Chemical and Unified Fire Authority to conduct facility-specific chemical safety and emergency response training. The training included a classroom review of chemicals and equipment, followed by field training focused on facility access points, chemical storage areas, emergency notification procedures, and emergency response considerations. The two-day training involved more than 40 Unified Fire Hazmat personnel from across the valley.**

Unified Fire Authority Hazmat Training at Magna WRF, October 2026



CONTROLLER/ CLERK REPORT

COMPLIANCE OF LEGAL REQUIREMENTS AND INTERNAL POLICIES CHECK LIST

LEGAL REQUIREMENTS	2026 DATE COMPLETED	DUE DATE
Posting of Annual Schedule of Regular Board Meetings	1/4/2026	1st Monday in January
Adoption of District's Annual Tentative Budget	10/15/2026	11/30/2026
Annual Certification and Filing of FINAL Budget with State Auditor	12/31/2025	12/31/2026
Annual Filing of Impact Fees Report with State Auditor	3/18/2026	3/31/2026
Annual Filing of Financial Statements with State Auditor	6/11/2026	06/30/2026
Participation in Utah Public Finance Website (transparent.utah.gov) Salaries/Benefits	1/15/2026	1/31/2026
Quarterly Budget to Actual Reports provided to Board of Trustees		
1st Quarter	5/14/2026	05/31/2026
2nd Quarter	8/13/2026	08/31/2026
3rd Quarter	11/12/2026	11/30/2026
4th Quarter		02/28/2027
Quarterly Expenditures and Revenues posted to Utah Public Transparency Website		
1st Quarter	4/18/2026	04/30/2026
2nd Quarter	7/31/2026	07/31/2026
3rd Quarter	10/19/2026	10/31/2026
4th Quarter		01/31/2027
WWTP Annual Biosolids Report to State	4/27/2026	5/15/2026
OSHA 300 Report - Posted & Submitted	1/16/2026	2/1/2026
Board member contact information (name, phone number, and email address) posted on the Utah Public Notice Website	1/1/2026	1/31/2026
Semi-annual Report to State Money Management Council		
June 30 Report	7/31/2026	07/31/2026
December 31 Report		01/31/2027
File statement with Division of Corporations re: receipt of notice of claim	1/1/2026	1/31/2026
File with Registry of Lieutenant Governor	4/20/2026	4/30/2026
Disclosure regarding responsibility of homeowner to repair retail water line	4/1/2026	Semi-Annually
Year End W-2's	1/28/2026	January 31

COMPLIANCE OF LEGAL REQUIREMENTS AND INTERNAL POLICIES CHECK LIST

LEGAL REQUIREMENTS	2026 DATE COMPLETED	DUE DATE
Quarterly Payroll Reports		
1st Quarter	4/20/2026	4/30/2026
2nd Quarter	7/31/2026	7/31/2026
3rd Quarter	10/29/2026	10/31/2026
4th Quarter		1/31/2027
Annual Sales Tax Return	1/28/2026	01/31/2026
Annual ET Technologies Waste Renewal Certification	4/21/2026	4/30/2026
Water Use Report	1/31/2026	03/31/2026
Municiple Wastewater Planning Program Report	4/27/2026	05/15/2026
Publish Consumer Confidence Report - To Customers and to Brandi Smith Division of Drinking Water - Report and Certification to DDW by 07/01	7/1/2026	7/1/2026
Risk Management Plan - WWTP	6/30/2026	12/31/2026
Renew SAM.gov Registration	3/10/2026	3/10/2026
Water Conservation Plan		12/31/2026
Ethical Behaviour Written Pledge to Trustees & Employees	5/31/2026	12/31/2026
Annual Employee Training		
Sexual Harassment & Discrimination	8/26/2026	12/31/2026
Tuition Assistance Program	On boarding Employee	12/31/2026
Cyber Security Awareness & Training	7/29/2026	12/31/2026
Fraud Awareness Training		12/31/2026
Data Privacy Training		12/31/2026
Ethical Behavior	5/31/2026	12/31/2026
Preventing Violence in the Workplace	9/30/2026	12/31/2026
Annual Trustee Training		
Open and Public Meetings Act	11/04/2026	12/31/2026
Utah Public Officers' and Employees' Ethics Act	11/04/2026	12/31/2026
New Trustee Special and Local District training Course	11/04/2026	12/31/2026
Conflict of Interest Annual certification	1/31/2026	1/31/2026
Emloyee Performance Evaluations	4/9/2026	03/31/2026
Hotline	Ongoing	Posted on Website always
Annual Filing of Fraud Risk assessment with State Auditor	1/1/2026	06/30/2026
GRAMA Training Annual for Records Officer	4/27/2026	05/31/2026
Data Privacy Program Report - Annual		12/31/2026
Appoint A Board Chair Person Annually	1/8/2026	01/31/2026
Public Tax Increase Hearing	When Needed	When Needed
Review Insurance/Bonding Requirements	1/31/2026	01/31/2026

COMPLIANCE OF LEGAL REQUIREMENTS AND INTERNAL POLICIES CHECK LIST

LEGAL REQUIREMENTS	2026 DATE COMPLETED	DUE DATE
Review Fund Balance Limitation	1/31/2026	01/31/2026
Imposing/Increasing Fee - Public Hearing		When needed
Impact Fee Facilities Plan Update/Impact Fee Analysis - Proposing Change - Public Hearing	2/19/2026	2/19/2026
Meeting Minutes Meeting Minutes and any materials distributed at the Meeting available on the Utah Public Notice Webiste, District website, and district office within three business days after the minutes are approved, make an audio recording of the open meeting available to the public for listenting, and post the same within three days of meeting.	Ongoing	

MAGNA WATER DISTRICT
OVERAL BOTTOM LINE

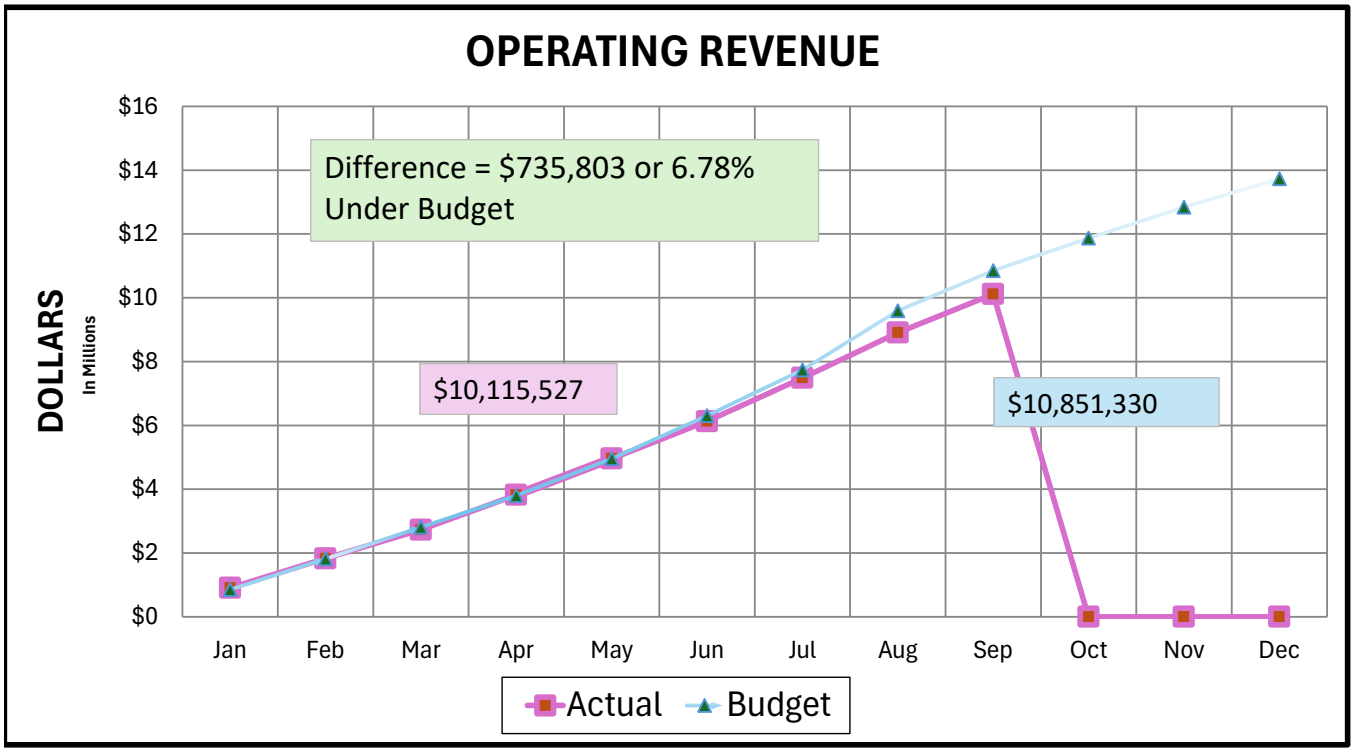
	9/30/2026	9/30/2025
Total Revenue	$ 12,285,106.66	$ 13,114,575.10
Total Expenses	$ 12,702,499.90	$ 12,591,223.00
Overall Income/(Loss)	$ (417,393.24)	$ 523,352.10
		$ (940,745.34)

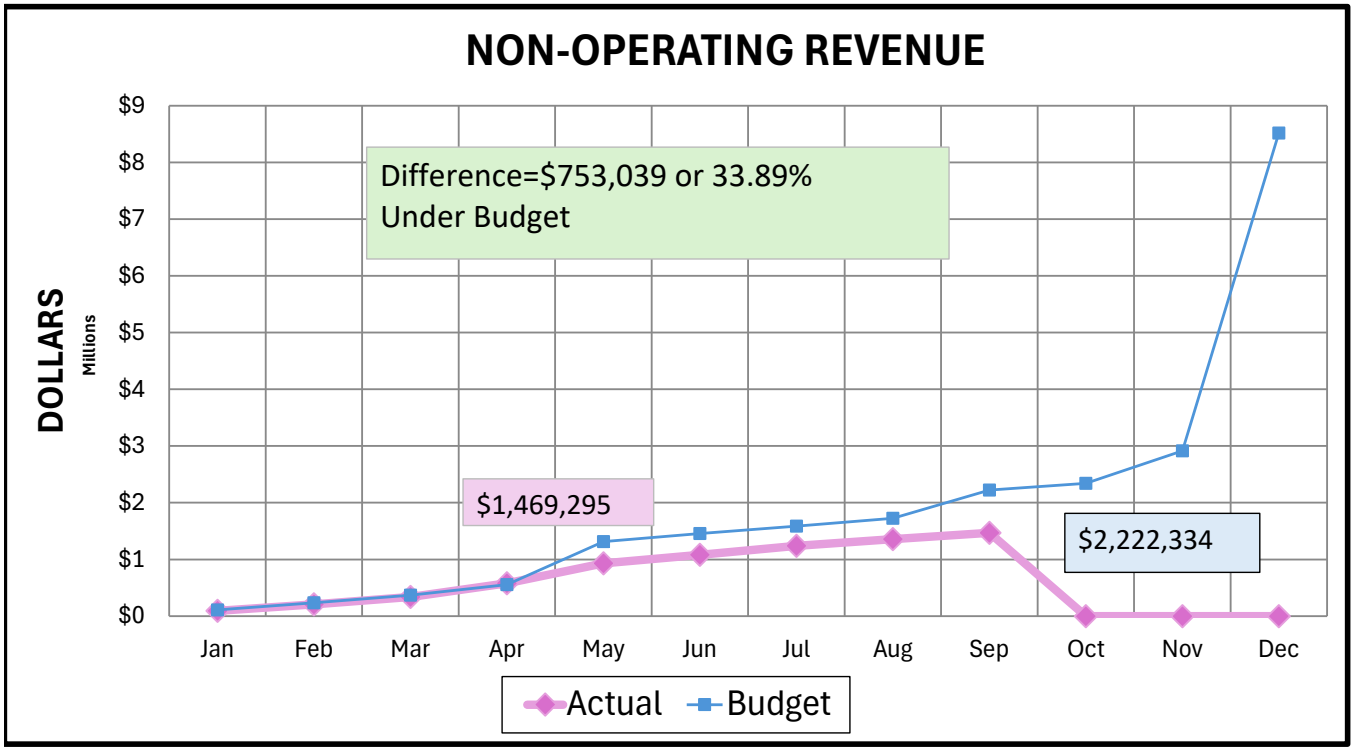
	2026 Actual	2025 Actual	Difference (dec)/Inc
WATER SALES	5,089,484	5,219,210	(129,726)
SEWER SERVICE CHARGES	4,438,254	4,242,159	196,095
PROPERTY TAX REVENUE - DS	376,970	509,559	(132,588)
PROPERTY TAX REVENUE - O&M	252,695	-	252,695
IMPACT FEES	590,357	1,023,868	(433,511)
INTEREST INCOME INVESTMENTS	650,333	871,507	(221,174)
CONNECTION FEES & OTHER INCOME	522,470	797,676	(275,206)
OTHER NON-OPER INCOME	11,620	17,578	(5,958)
NON RESIDENT FEE IN LIEU OF PR	133,643	132,610	1,033
OTHER OPERATING INCOME	65,319	105,544	(40,225)
OTHER NON-OPERATING REVENUE	42,909	95,639	(52,730)
GRANT OPERATING REVENUE	109,928	99,012	10,916
GAIN/LOSS ON SALE OF ASSETS	1,125	213	912
CONTR LINES WATER SH METERS	-	-	-
UNREALIZED GAINS/LOSSES	-	-	-
OTHER NON-OPERATING EXPENSE	20,788	17,630	3,158
LEASE EXPENSE	32,021	30,999	1,022
OTHER OPERATING EXPENSE	580,199	505,875	74,324
UTILITIES	983,704	930,340	53,363
INTEREST EXPENSE	358,382	411,166	(52,784)
CONTRACTUAL SERVICES	336,622	401,321	(64,699)
MATERIALS and SUPPLIES	1,776,621	1,827,834	(51,213)
SALARIES AND BENEFITS	3,908,513	3,831,056	77,457
DEPRECIATION & AMORTIZATION	4,665,750	4,635,000	30,750
BOND ISSUANCE COSTS	39,900	-	39,900
	(417,393)	523,352	(940,745)

MAGNA WATER DISTRICT

REVENUES

SEPTEMBER 2026

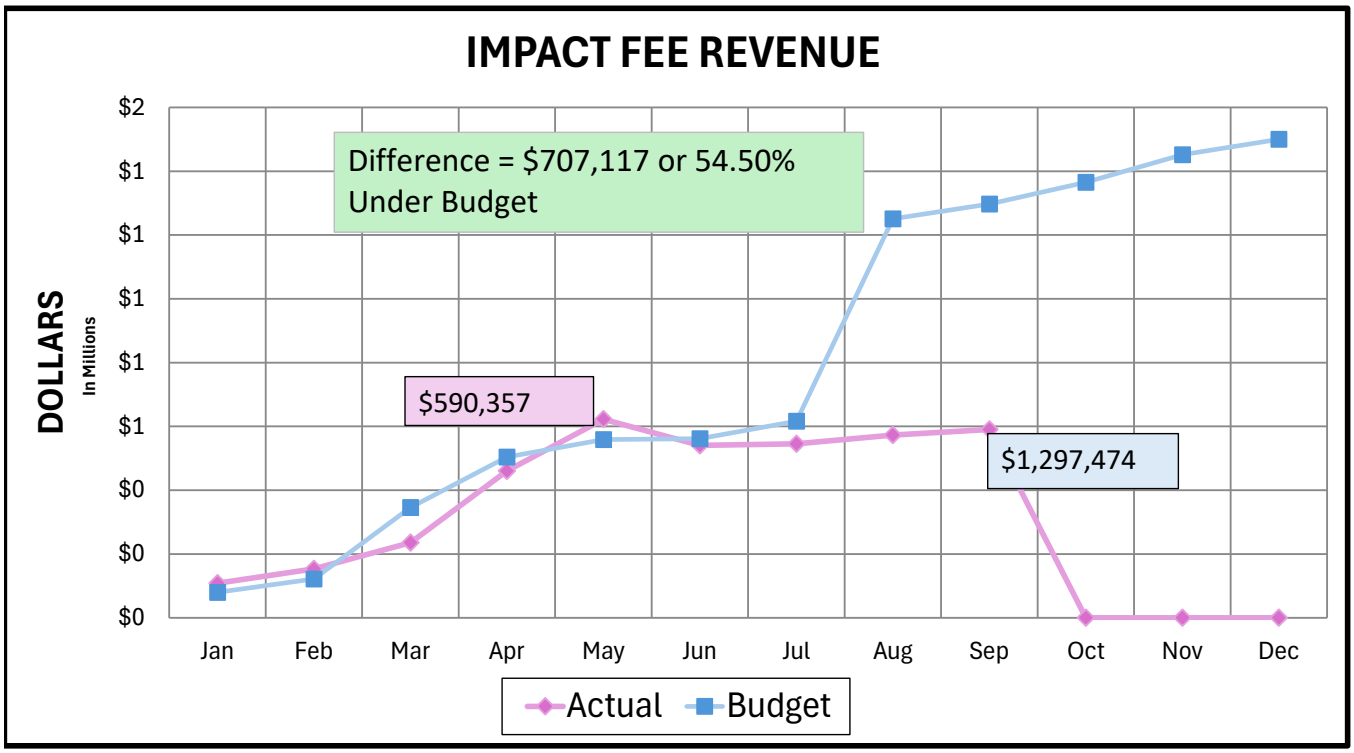


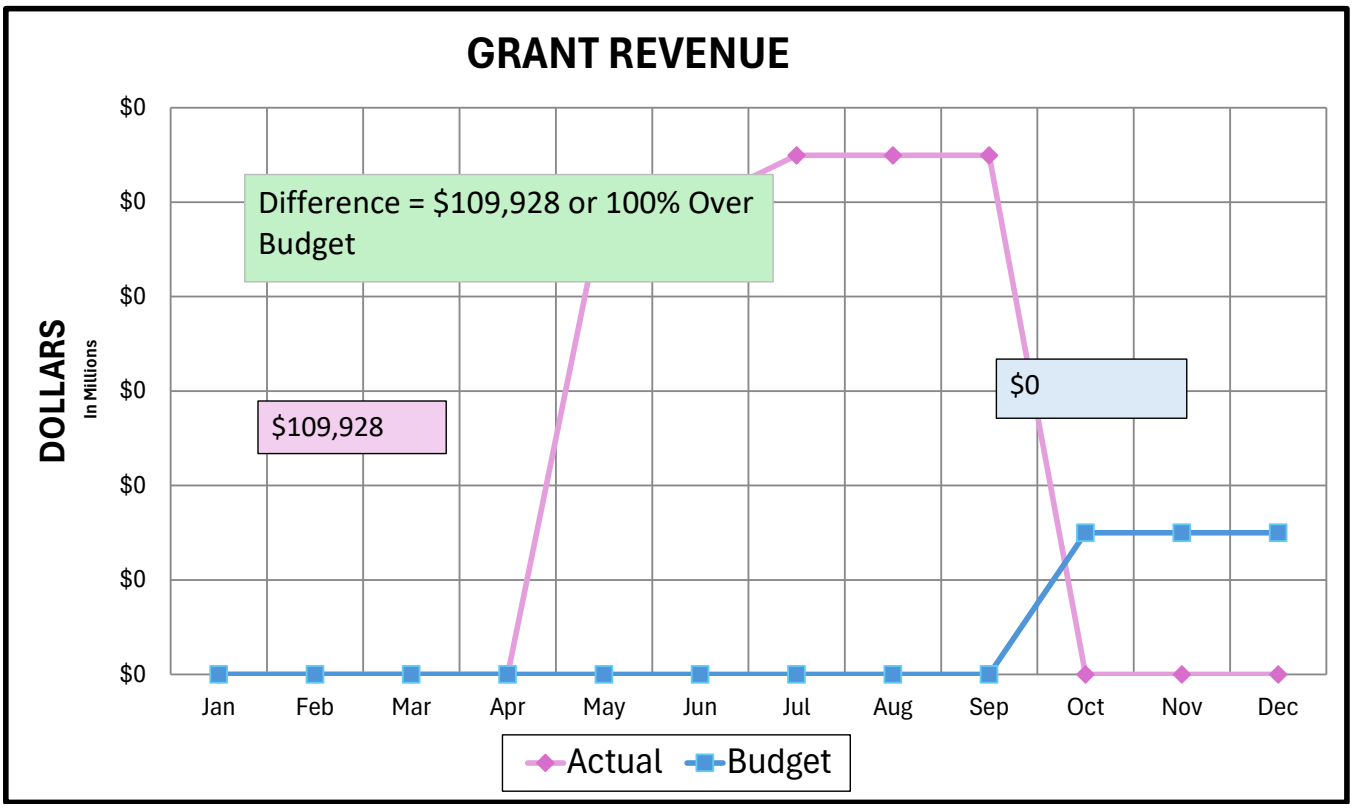


MAGNA WATER DISTRICT

REVENUES

SEPTEMBER 2026

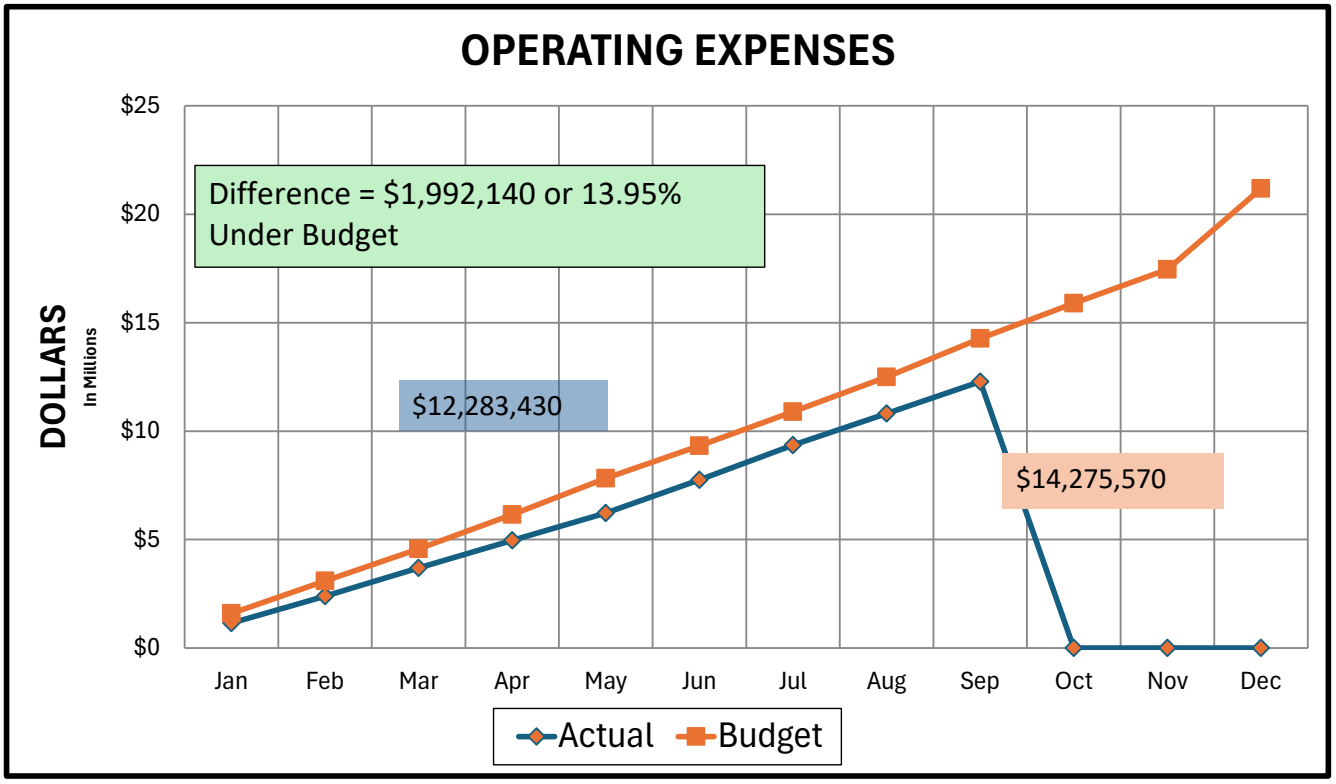


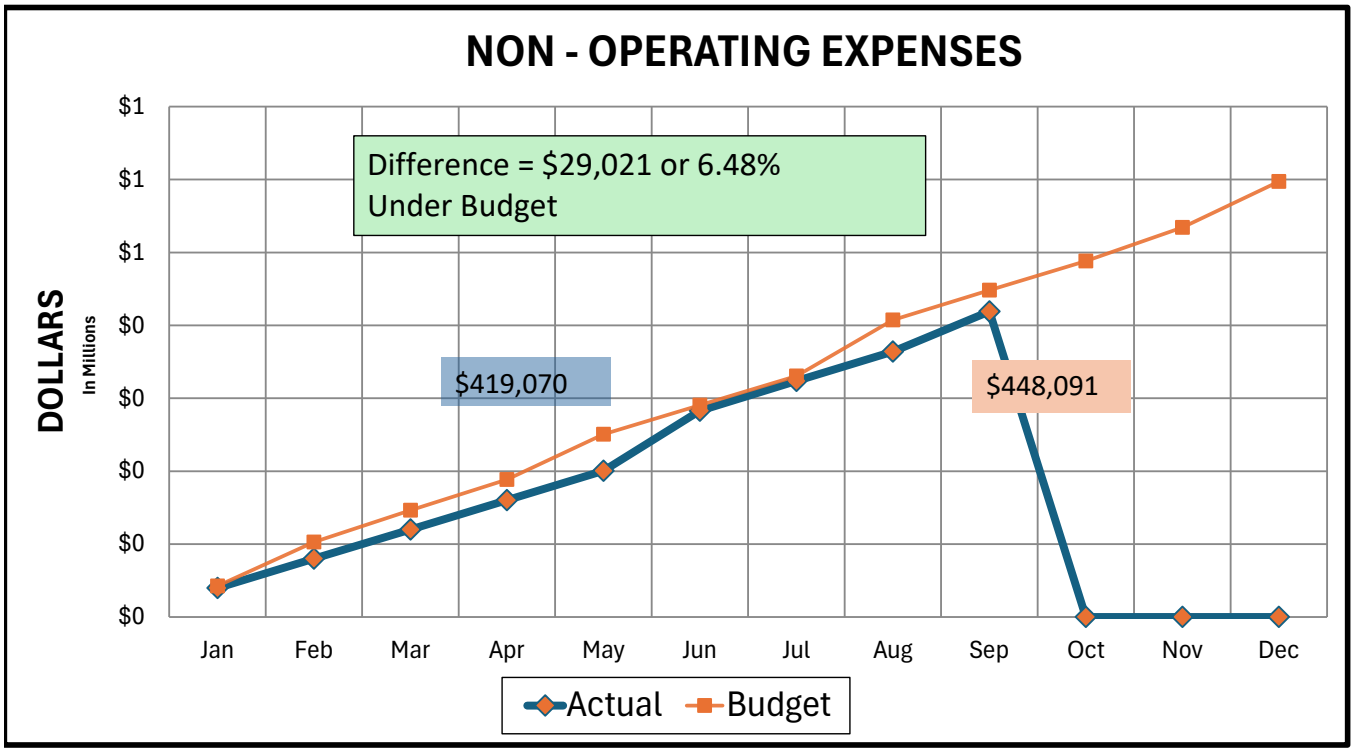


MAGNA WATER DISTRICT

EXPENSES

SEPTEMBER 2026

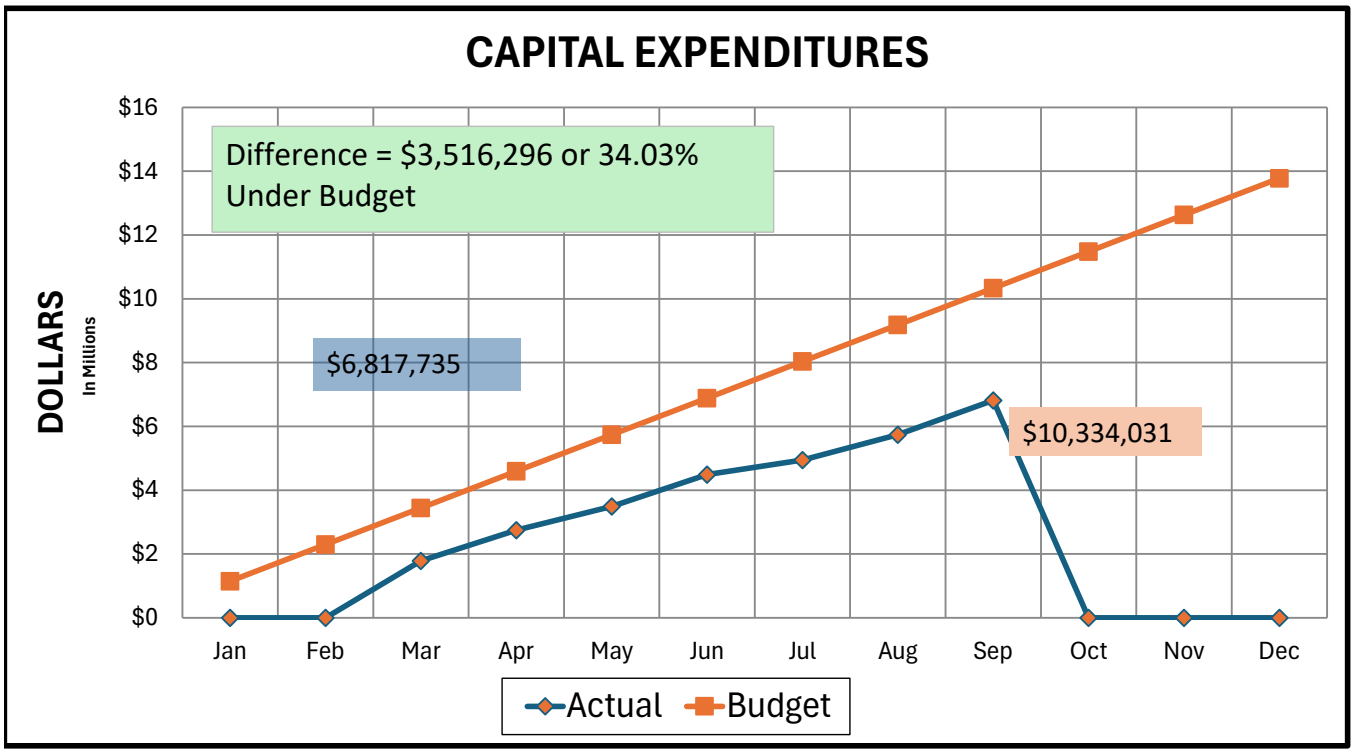


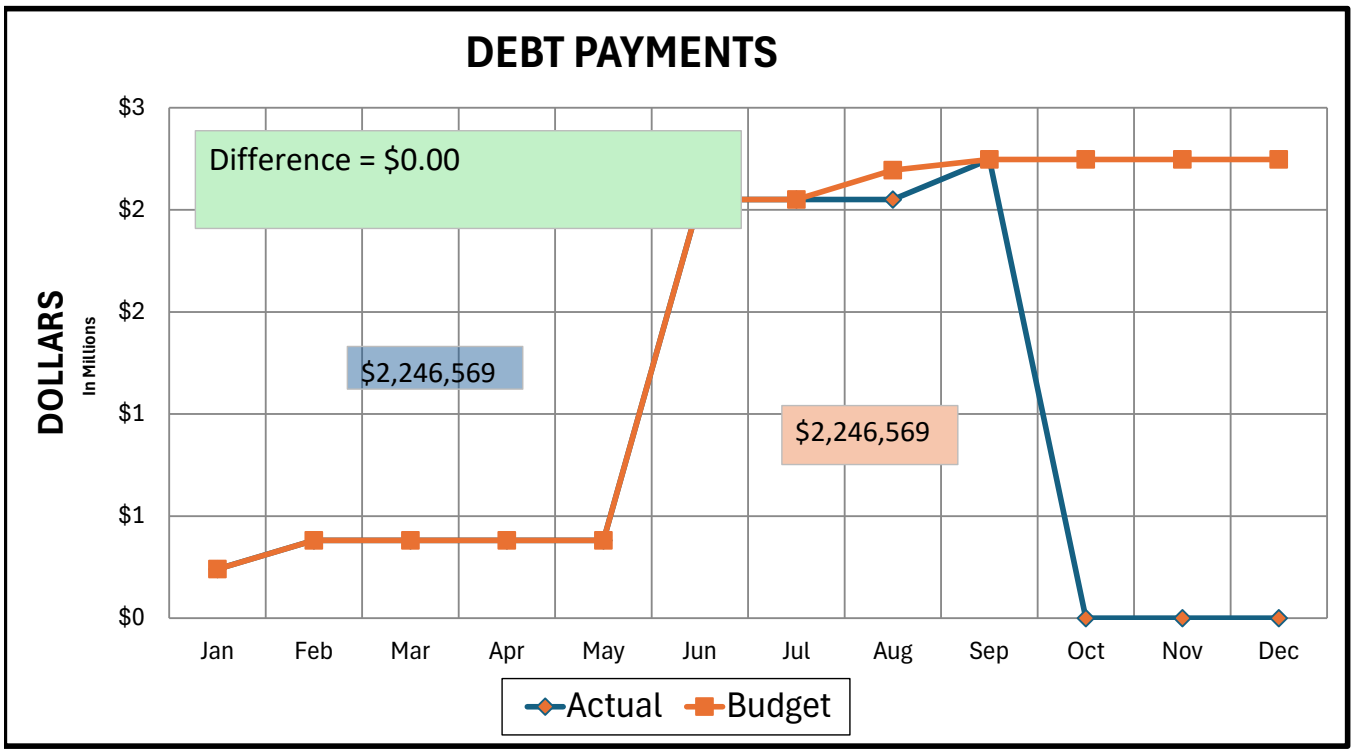


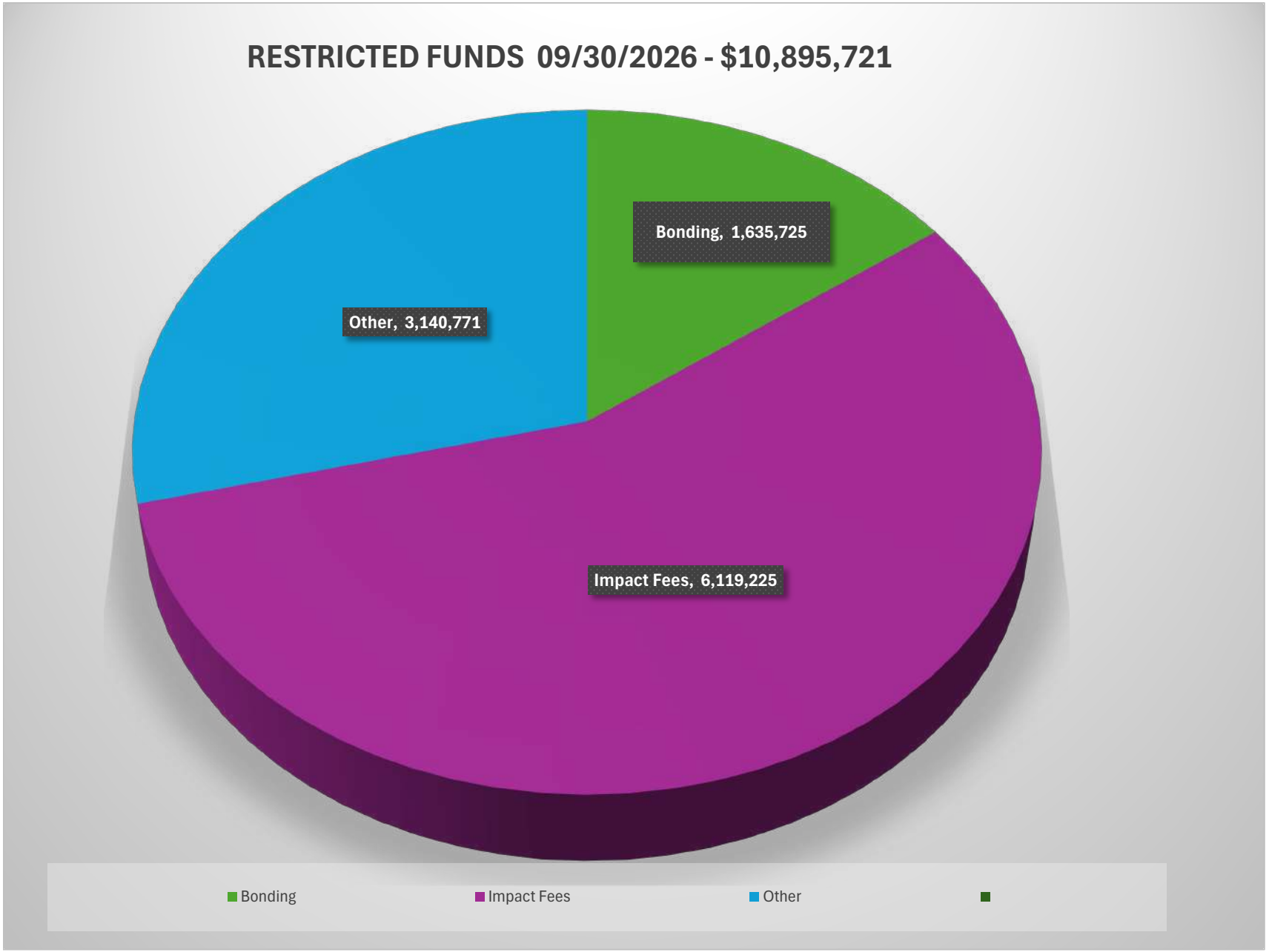
MAGNA WATER DISTRICT

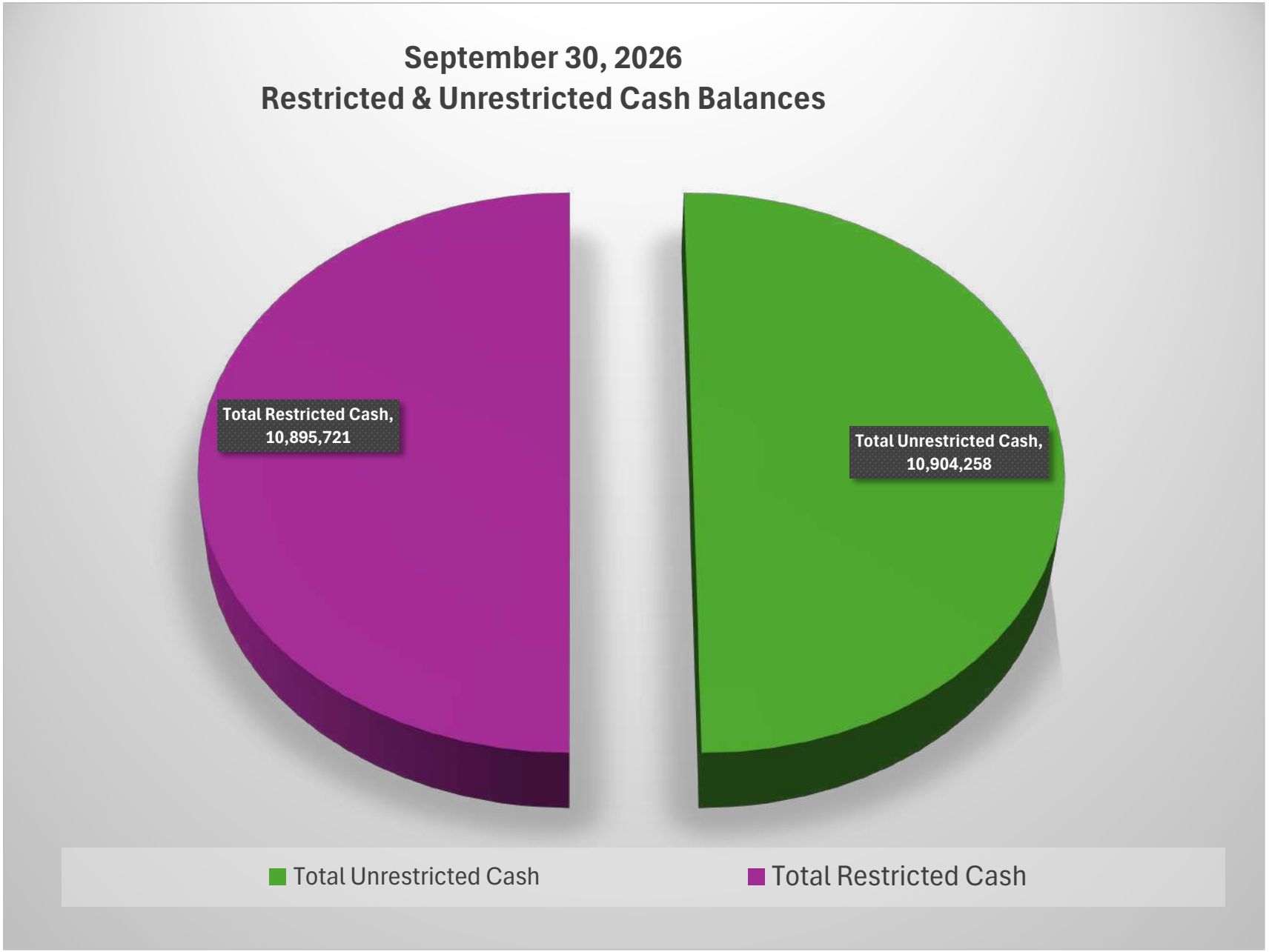
EXPENSES

SEPTEMBER 2026






RESTRICTED FUNDS 09/30/2026 - $10,895,721
Bonding, 1,635,725
Other, 3,140,771
Impact Fees, 6,119,225
Bonding
Impact Fees
Other


September 30, 2026
Restricted & Unrestricted Cash Balances
Total Restricted Cash, 10,895,721
Total Unrestricted Cash, 10,904,258
Total Unrestricted Cash
Total Restricted Cash

MAGNA WATER DISTRICT
REVENUES AND EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

		PRIOR YEAR	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	WATER REVENUE						
01-01-4000-00	WATER SALES	(4,694,136.87)	(4,558,976.73)	(4,558,976.73)	(4,460,326.00)	(98,650.73)	102.2
01-01-4003-00	PUBLIC WATER SYSTEM FEE	.00	.00	.00	(40,278.00)	40,278.00	.0
01-01-4005-00	WATER METER SET	3,678.66	(10,418.79)	(10,418.79)	(22,500.00)	12,081.21	46.3
01-01-4007-00	WATER INSPECTION	(78,149.99)	(53,585.75)	(53,585.75)	(78,289.00)	24,703.25	68.5
01-01-4008-00	WATER BUY-IN	(166,016.00)	(137,040.40)	(137,040.40)	(256,100.00)	119,059.60	53.5
01-01-4010-00	WATER IMPACT FEE	(736,022.00)	(459,808.60)	(459,808.60)	(897,285.00)	437,476.40	51.2
01-01-4013-00	INCOME CONTRIBUTED CAPITAL	(56,159.66)	(23,199.21)	(23,199.21)	(579,187.00)	555,987.79	4.0
01-01-4015-00	METER TAMPERING FEE	(1,000.00)	(2,700.00)	(2,700.00)	(334.00)	(2,366.00)	808.4
01-01-4016-00	FEES (DELINQUENT ACCTS)	(6,780.00)	(7,020.22)	(7,020.22)	(6,121.00)	(899.22)	114.7
01-01-4040-00	OTHER OPER. INCOME-WATER	(104,741.16)	(61,500.52)	(61,500.52)	(114,270.00)	52,769.48	53.8
01-01-4044-00	PROPERTY TAX REV - DEBT SERVIC	(125,488.80)	(108,084.62)	(108,084.62)	(58,843.00)	(49,241.62)	183.7
01-01-4050-00	PROPERTY TAX MV REV - DEBT SER	(57,406.43)	(31,199.54)	(31,199.54)	(75,329.00)	44,129.46	41.4
01-01-4055-00	PROP TAX MISC REDEMP - DEBT SE	(32,037.57)	(21,045.69)	(21,045.69)	(19,065.00)	(1,980.69)	110.4
01-01-4080-00	OTHER NON-OPERATING INCOM	.00	(7,218.09)	(7,218.09)	.00	(7,218.09)	.0
	TOTAL WATER REVENUE	(6,054,259.82)	(5,481,798.16)	(5,481,798.16)	(6,607,927.00)	1,126,128.84	83.0
	WATER EXPENDITURES						
	SALARIES AND BENEFITS:						
01-01-4115-00	SALARIES - WATER	833,846.35	908,363.53	908,363.53	872,814.00	35,549.53	104.1
01-01-4130-00	PAYROLL TAXES	71,467.40	78,030.99	78,030.99	81,089.00	(3,058.01)	96.2
01-01-4135-00	EMPLOYEE FRINGE BENEFITS	313,186.88	353,719.90	353,719.90	332,444.00	21,275.90	106.4
	TOTAL SALARIES AND BENEFITS	1,218,500.63	1,340,114.42	1,340,114.42	1,286,347.00	53,767.42	104.2
01-01-4140-00	PUBLIC SYSTEM WATER FEE	.00	.00	.00	40,278.00	(40,278.00)	.0
01-01-4150-00	ENGINEERING	.00	4,329.65	4,329.65	.00	4,329.65	.0
01-01-4156-00	MAINTENANCE CONTRACTS	4,931.72	3,455.77	3,455.77	5,640.00	(2,184.23)	61.3
01-01-4160-00	EQUIPMENT LEASE EXPENSE	30,999.20	32,021.02	32,021.02	28,804.00	3,217.02	111.2
01-01-4165-00	JANITORIAL EDR	4,878.00	3,375.00	3,375.00	5,024.00	(1,649.00)	67.2
01-01-4170-00	WATER LAB & TESTING	18,701.90	25,009.30	25,009.30	27,420.00	(2,410.70)	91.2
01-01-4173-00	FIRST AID & SAFETY	1,965.59	2,366.38	2,366.38	2,109.00	257.38	112.2
01-01-4175-00	OTHER CONTRACTUAL SERVICE	9,875.00	8,000.00	8,000.00	9,000.00	(1,000.00)	88.9
01-01-4180-00	WATER PURCHASED	248,214.15	227,561.75	227,561.75	288,490.00	(60,928.25)	78.9
01-01-4185-00	REPAIRS MAINTENANCE-WATER	354,536.25	464,605.60	464,605.60	616,902.00	(152,296.40)	75.3
01-01-4215-00	UNIFORMS AND LINEN WATER	11,731.34	11,089.70	11,089.70	14,105.00	(3,015.30)	78.6
01-01-4216-00	STORMWATER FEE FOR EDR	1,171.80	1,171.80	1,171.80	1,198.00	(26.20)	97.8
01-01-4217-00	GARBAGE COLLECTION	4,782.99	6,204.00	6,204.00	5,532.00	672.00	112.2
01-01-4220-00	OFFICE SUPPLIES	5,518.44	3,546.47	3,546.47	7,250.00	(3,703.53)	48.9
01-01-4230-00	QUESTAR GAS	23,156.00	21,684.74	21,684.74	32,333.00	(10,648.26)	67.1
01-01-4230-01	ROCKY MOUNTAIN POWER	440,123.93	486,333.66	486,333.66	573,395.00	(87,061.34)	84.8
01-01-4244-00	CHEMICALS WATER PLANT	71,867.55	55,960.92	55,960.92	91,597.00	(35,636.08)	61.1
01-01-4250-00	TELEPHONE/DATA SERVICES	10,619.15	13,584.72	13,584.72	14,576.00	(991.28)	93.2
01-01-4257-00	CELLULAR - PHONES SERVICE	7,679.65	12,992.58	12,992.58	6,558.00	6,434.58	198.1
01-01-4270-00	DEPRECIATION-WATER UTILTY	2,099,999.97	2,238,750.00	2,238,750.00	2,238,750.00	.00	100.0
01-01-4320-00	VEHICLE/EQUIPMENT GAS & REPAIR	46,598.22	68,772.96	68,772.96	48,109.00	20,663.96	143.0
01-01-4350-00	TRAINING	22,236.72	21,321.03	21,321.03	23,643.00	(2,321.97)	90.2
01-01-4355-00	DUES, MEMBERSHIPS	3,353.00	5,457.00	5,457.00	3,939.00	1,518.00	138.5
01-01-4360-00	BAD DEBTS	22,991.70	17,590.86	17,590.86	27,005.00	(9,414.14)	65.1
01-01-4370-00	INSURANCE	84,466.40	99,438.75	99,438.75	97,441.00	1,997.75	102.1

MAGNA WATER DISTRICT
REVENUES & EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

		PRIOR YEAR	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
01-01-4380-00	MISC. OPERATING EXPENSE	2,514.18	2,307.01	2,307.01	4,007.00	(1,699.99)	57.6
01-01-5001-00	EDR MAINTENANCE	108,266.84	44,702.19	44,702.19	248,933.00	(204,230.81)	18.0
01-01-5005-00	EDR CHEMICALS	32,166.57	32,611.08	32,611.08	24,164.00	8,447.08	135.0
01-01-5015-00	EDR SAMPLING	3,060.00	4,150.00	4,150.00	4,199.00	(49.00)	98.8
	TOTAL OPERATING EXPENDITURES	4,894,906.89	5,258,508.36	5,258,508.36	5,776,748.00	(518,239.64)	91.0
	NON OPERATING (REVENUE) & EXP:						
01-01-4519-00	AMORTIZ OF PREMIUM DISC 2013	(6,146.82)	(6,146.82)	(6,146.82)	(6,147.00)	.18	(100.0)
01-01-4525-00	AMORT OF PREMIUM DISC 2017	(10,295.82)	(10,296.00)	(10,296.00)	(10,350.00)	54.00	(99.5)
01-01-4527-00	2019 GO BOND PREMIUM AMORT	(8,321.67)	(8,321.67)	(8,321.67)	(8,325.00)	3.33	(100.0)
01-01-4530-00	2026 BOND ISSUANCE COSTS	.00	39,900.00	39,900.00	.00	39,900.00	.0
01-01-4540-00	LEASE INTERST EXPENSE	12,625.29	9,289.44	9,289.44	8,406.00	883.44	110.5
01-01-4551-00	INTEREST EXP 2007 REV BOND	41,715.00	39,015.00	39,015.00	39,077.00	(62.00)	99.8
01-01-4554-00	INTEREST EXP 2013 BOND 48.22%	20,089.71	13,019.40	13,019.40	13,022.00	(2.60)	100.0
01-01-4557-00	INTEREST EXPENSE 2017 GO BOND	73,250.37	67,096.44	67,096.44	67,123.00	(26.56)	100.0
01-01-4558-00	INTEREST EXPENSE - 2026 REV B	.00	4,171.58	4,171.58	.00	4,171.58	.0
01-01-4559-00	INTEREST EXP FOR 2019 BOND	45,150.48	41,079.69	41,079.69	41,079.00	.69	100.0
01-01-4560-00	OTHER NON-OPERATING EXPNS	296.04	588.60	588.60	778.00	(189.40)	75.7
	TOTAL NON OPERATING (REV) & EXP	168,362.58	189,395.66	189,395.66	144,663.00	44,732.66	130.9
	TOTAL FUND EXPENDITURES	5,063,269.47	5,447,904.02	5,447,904.02	5,921,411.00	(473,506.98)	92.0
	NET REVENUE OVER EXPENDITURES	(990,990.35)	(33,894.14)	(33,894.14)	(686,516.00)	652,621.86	(4.9)
	TOTAL DEPT REVENUES	(6,114,259.82)	(5,689,270.40)	(5,689,270.40)	(6,607,927.00)	918,656.60	(86.1)
	TOTAL DEPT EXPENDITURES	5,063,269.47	5,447,904.02	5,447,904.02	5,921,411.00	(473,506.98)	92.0

MAGNA WATER DISTRICT
REVENUES & EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

		PRIOR YEAR	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	SEWER REVENUE						
01-02-4000-00	SEWER SERVICE CHARGES	(4,242,158.80)	(4,438,254.16)	(4,438,254.16)	(4,513,969.00)	75,714.84	(98.3)
01-02-4007-00	SEWER INSPECTION	(124,497.78)	(88,757.00)	(88,757.00)	(115,119.00)	26,362.00	(77.1)
01-02-4008-00	SEWER BUY-IN	(387,282.00)	(182,003.62)	(182,003.62)	(475,612.00)	293,608.38	(38.3)
01-02-4010-00	SEWER IMPACT FEE	(287,846.00)	(130,548.38)	(130,548.38)	(400,189.00)	269,640.62	(32.6)
01-02-4040-00	OTHER OPER. INCOME-SEWER	(802.95)	(521.76)	(521.76)	.00	(521.76)	.0
01-02-4044-00	PROPERTY TAX REV - DEBT SERVIC	(129,432.24)	(110,254.60)	(110,254.60)	(60,587.00)	(49,667.60)	(182.0)
01-02-4050-00	PROPERTY TAX MV REV - DEBT SER	(59,204.18)	(31,878.50)	(31,878.50)	(58,216.00)	26,337.50	(54.8)
01-02-4055-00	PROP TAX MISC RED - DEBT SERVI	(36,975.51)	(21,467.55)	(21,467.55)	(21,135.00)	(332.55)	(101.6)
01-02-4080-00	OTHER NON-OPERATING INCOM	.00	(503.08)	(503.08)	.00	(503.08)	.0
	TOTAL SEWER REVENUE	(5,268,199.46)	(5,004,188.65)	(5,004,188.65)	(5,644,827.00)	640,638.35	(88.7)
	SEWER EXPENDITURES						
	SALARIES AND BENEFITS:						
01-02-4115-00	SALARIES - SEWER	559,780.87	568,490.21	568,490.21	702,545.00	(134,054.79)	80.9
01-02-4130-00	PAYROLL TAXES	52,176.30	51,598.16	51,598.16	69,662.00	(18,063.84)	74.1
01-02-4135-00	EMPLOYEE FRINGE BENEFITS	228,899.54	227,412.40	227,412.40	268,386.00	(40,973.60)	84.7
	TOTAL SALARIES AND BENEFITS	840,856.71	847,500.77	847,500.77	1,040,593.00	(193,092.23)	81.4
01-02-4150-00	ENGINEERING	40,326.39	.00	.00	87,500.00	(87,500.00)	.0
01-02-4156-00	DATA PROCESSING	1,485.66	6,399.84	6,399.84	.00	6,399.84	.0
01-02-4165-00	JANITORIAL WWTP ADMIN	3,150.00	3,675.00	3,675.00	3,527.00	148.00	104.2
01-02-4170-00	SEWER LAB & TESTING	46,412.73	57,525.49	57,525.49	45,447.00	12,078.49	126.6
01-02-4173-00	FIRST AID & SAFETY	1,185.89	1,614.68	1,614.68	1,817.00	(202.32)	88.9
01-02-4175-00	OTHER CONTRACTUAL SERVICE	9,000.00	8,000.00	8,000.00	9,000.00	(1,000.00)	88.9
01-02-4185-00	REPAIRS MAINTENANCE-SEWER	319,885.86	267,425.40	267,425.40	1,377,116.00	(1,109,690.60)	19.4
01-02-4187-00	SLUDGE REMOVAL ET TECHNOLOGIE	124,319.39	125,028.99	125,028.99	136,155.00	(11,126.01)	91.8
01-02-4215-00	UNIFORMS AND LINEN SEWER	11,854.67	13,191.06	13,191.06	14,786.00	(1,594.94)	89.2
01-02-4217-00	GARBAGE COLLECTION	18,851.33	21,881.65	21,881.65	26,151.00	(4,269.35)	83.7
01-02-4220-00	OFFICE SUPPLIES	8,553.29	1,307.33	1,307.33	8,803.00	(7,495.67)	14.9
01-02-4230-00	QUESTAR GAS	27,106.95	27,643.74	27,643.74	38,258.00	(10,614.26)	72.3
01-02-4230-01	POWER 7650 W 2100 S 15460016	350,683.49	357,176.19	357,176.19	375,555.00	(18,378.81)	95.1
01-02-4244-00	CHEMICALS - SEWER	281,963.27	363,601.55	363,601.55	251,353.00	112,248.55	144.7
01-02-4250-00	TELEPHONE/DATA SERVICES	6,283.92	8,455.83	8,455.83	6,002.00	2,453.83	140.9
01-02-4257-00	CELLULAR - PHONES SERVICE	11,503.57	13,283.72	13,283.72	13,366.00	(82.28)	99.4
01-02-4270-00	DEPRECIATION-SEWER UTILTY	1,462,500.00	1,387,500.03	1,387,500.03	1,387,502.00	(1.97)	100.0
01-02-4320-00	VEHICLE/EQUIP GAS & REPAIRS	32,437.51	42,288.95	42,288.95	43,896.00	(1,607.05)	96.3
01-02-4350-00	TRAINING	15,119.85	11,892.32	11,892.32	26,319.00	(14,426.68)	45.2
01-02-4355-00	DUES, MEMBERSHIPS	1,417.00	1,167.00	1,167.00	1,446.00	(279.00)	80.7
01-02-4360-00	BAD DEBTS	12.39	1,869.83	1,869.83	60.00	1,809.83	3116.4
01-02-4370-00	INSURANCE	81,880.67	86,037.75	86,037.75	96,910.00	(10,872.25)	88.8
01-02-4380-00	MISC. OPERATING EXPENSE	2,932.42	779.32	779.32	4,381.00	(3,601.68)	17.8
	TOTAL OPERATING EXPENDITURES	3,699,722.96	3,655,246.44	3,655,246.44	4,995,943.00	(1,340,696.56)	73.2
	NON OPERATING (REVENUE) & EXP:						

MAGNA WATER DISTRICT
REVENUES & EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

		PRIOR YEAR	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
01-02-4520-00	AMORT ON 2013 BOND PREMIUM	(6,600.69)	(6,600.69)	(6,600.69)	(6,599.00)	(1.69)	(100.0)
01-02-4525-00	AMORT ON 2017 BOND PREMIUM	(14,142.87)	(14,143.05)	(14,143.05)	(14,142.00)	(1.05)	(100.0)
01-02-4527-00	AMORT ON 2019 BOND PREMIUM	(11,431.17)	(11,431.17)	(11,431.17)	(11,430.00)	(1.17)	(100.0)
01-02-4540-00	LEASE INTERST EXPENSE	6,262.11	4,607.55	4,607.55	4,202.00	405.55	109.7
01-02-4554-00	INTEREST EXP 2013 BBOND 51.78%	21,572.82	13,980.60	13,980.60	13,979.00	1.60	100.0
01-02-4558-00	INTEREST EXPENSE 2017 GO BOND	100,620.72	92,167.29	92,167.29	92,177.00	(9.71)	100.0
01-02-4559-00	INTEREST EXP 2019 BOND	62,021.16	56,429.28	56,429.28	56,430.00	(.72)	100.0
01-02-4560-00	OTHER NON-OPERATING EXPNS	461.85	13,517.28	13,517.28	78,473.00	(64,955.72)	17.2
	TOTAL NON OPERATING (REV) & EXP	158,763.93	148,527.09	148,527.09	213,090.00	(64,562.91)	69.7
	TOTAL FUND EXPENDITURES	3,858,486.89	3,803,773.53	3,803,773.53	5,209,033.00	(1,405,259.47)	73.0
	NET REVENUE OVER EXPENDITURES	(1,409,712.57)	(1,200,415.12)	(1,200,415.12)	(435,794.00)	(764,621.12)	(275.5)
	TOTAL DEPT REVENUES	(5,283,199.46)	(5,113,855.67)	(5,113,855.67)	(5,644,827.00)	530,971.33	(90.6)
	TOTAL DEPT EXPENDITURES	3,858,486.89	3,803,773.53	3,803,773.53	5,209,033.00	(1,405,259.47)	73.0

MAGNA WATER DISTRICT
REVENUES & EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

		PRIOR YEAR	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	ADMINISTRATION REVENUE						
01-03-4007-00	ENGINEERING REVENUE - SUBDIVIS	(56,980.51)	(38,726.00)	(38,726.00)	(53,534.00)	14,808.00	(72.3)
01-03-4011-00	NON RESIDENT FEES	(132,610.00)	(133,643.00)	(133,643.00)	(115,721.00)	(17,922.00)	(115.5)
01-03-4020-00	INTEREST INCOME-INVESTMS	(871,507.20)	(650,332.83)	(650,332.83)	(782,526.00)	132,193.17	(83.1)
01-03-4040-00	OTHER OPER. INCOME-GENERAL	.00	(297.53)	(297.53)	.00	(297.53)	.0
01-03-4060-00	GAIN ON SALE OF ASSETS	(213.47)	(1,125.00)	(1,125.00)	.00	(1,125.00)	.0
01-03-4080-00	OTHER NON-OPERATING INCOM	(5,351.00)	(3,898.56)	(3,898.56)	(5,229.00)	1,330.44	(74.6)
	TOTAL ADMIN REVENUE	(1,066,662.18)	(828,022.92)	(828,022.92)	(957,010.00)	128,987.08	(86.5)
	ADMINISTRATION EXPENDITURES						
	SALARIES AND BENEFITS:						
01-03-4105-00	TRUSTEE COMPENSATION	7,500.06	7,500.06	7,500.06	11,250.00	(3,749.94)	66.7
01-03-4115-00	SALARIES-OFFICE	197,845.39	277,724.12	277,724.12	129,170.00	148,554.12	215.0
01-03-4116-00	SALARIES - MANAGEMENT	736,695.12	725,580.80	725,580.80	885,389.00	(159,808.20)	82.0
01-03-4120-00	OFFICE - PAYROLL TAXES	14,010.89	15,112.21	15,112.21	11,514.00	3,598.21	131.3
01-03-4130-00	MANAGEMENT - PR TAXES	61,700.76	67,422.36	67,422.36	75,012.00	(7,589.64)	89.9
01-03-4135-00	FRINGE BENEFITS - OFFICE	451,144.30	521,148.81	521,148.81	553,720.00	(32,571.19)	94.1
01-03-4139-00	OPEB EXPENSE	302,802.33	106,409.14	106,409.14	.00	106,409.14	.0
	TOTAL SALARIES AND BENEFITS	1,771,698.85	1,720,897.50	1,720,897.50	1,666,055.00	54,842.50	103.3
01-03-4140-00	LEGAL EXPENSE	30,053.00	22,923.50	22,923.50	32,896.00	(9,972.50)	69.7
01-03-4142-00	PAYROLL PROCESSING SERVICE	1,418.48	1,401.12	1,401.12	1,524.00	(122.88)	91.9
01-03-4145-00	ACCOUNTING AND AUDITING	20,000.00	15,250.00	15,250.00	25,000.00	(9,750.00)	61.0
01-03-4147-00	HUMAN RESOURCES	3,048.85	1,423.50	1,423.50	4,261.00	(2,837.50)	33.4
01-03-4150-00	ENGINEERING SERVICES	136,084.21	99,321.98	99,321.98	175,543.00	(76,221.02)	56.6
01-03-4155-00	DATA PROCESSING	26,358.95	26,250.00	26,250.00	43,748.00	(17,498.00)	60.0
01-03-4156-00	DATA PROC.MAINT. SERVICE	35,558.15	34,659.45	34,659.45	34,785.00	(125.55)	99.6
01-03-4165-00	JANITORIAL GENERAL OFFICE	5,981.46	9,041.20	9,041.20	6,373.00	2,668.20	141.9
01-03-4173-00	FIRST AID & SAFETY	635.59	725.33	725.33	908.00	(182.67)	79.9
01-03-4175-00	OTHER CONTRACTUAL SERVICE	150.00	1,170.00	1,170.00	1,000.00	170.00	117.0
01-03-4176-00	WEB DEVELOPMENT	119.50	704.44	704.44	399.00	305.44	176.6
01-03-4185-00	REPAIR AND MAINT - OFFICE	27,711.56	25,929.19	25,929.19	48,159.00	(22,229.81)	53.8
01-03-4215-00	OFFICE RUGS & UNIFORMS	4,120.79	5,350.05	5,350.05	4,903.00	447.05	109.1
01-03-4220-00	OFFICE SUPPLIES	8,918.61	13,805.56	13,805.56	17,974.00	(4,168.44)	76.8
01-03-4225-00	POSTAGE	54,956.89	57,006.39	57,006.39	60,568.00	(3,561.61)	94.1
01-03-4230-00	ROCKY MTN POWER 201610860177	7,978.93	2,198.33	2,198.33	3,751.00	(1,552.67)	58.6
01-03-4235-00	QUESTAR	2,597.46	2,637.25	2,637.25	4,172.00	(1,534.75)	63.2
01-03-4250-00	TELEPHONE/DATA SERVICES	15,798.15	20,567.94	20,567.94	18,748.00	1,819.94	109.7
01-03-4257-00	CELLULAR - PHONES SERVICE	6,432.57	6,220.38	6,220.38	8,250.00	(2,029.62)	75.4
01-03-4270-00	DEPRECIATION - GEN. PLANT	375,000.03	412,499.97	412,499.97	412,498.00	1.97	100.0

		PRIOR YEAR	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
01-03-4320-00	VEHICLE GAS & REPAIRS	6,084.93	6,716.82	6,716.82	7,191.00	(474.18)	93.4
01-03-4350-00	TRAINING	30,902.13	42,431.64	42,431.64	33,252.00	9,179.64	127.6
01-03-4355-00	DUES, MEMBERSHIPS	13,782.85	13,402.00	13,402.00	23,644.00	(10,242.00)	56.7
01-03-4370-00	INSURANCE	10,505.97	11,205.00	11,205.00	12,752.00	(1,547.00)	87.9
01-03-4372-00	ELECTRONIC ARCHIVING	.00	.00	.00	3,752.00	(3,752.00)	.0
01-03-4375-00	ADVERTISING & PUBLIC RELA	9,821.92	12,522.54	12,522.54	7,890.00	4,632.54	158.7
01-03-4380-00	MISC. OPERATING EXPENSE	1,659.41	3,703.95	3,703.95	2,971.00	732.95	124.7
01-03-4385-00	CASH SHORTAGE/OVERAGE	(140.00)	(104.31)	(104.31)	36.00	(140.31)	(289.8)
	TOTAL OTHER OPERATING EXP & (RE	2,607,239.24	2,569,860.72	2,569,860.72	2,663,003.00	(93,142.28)	96.5
	NON OPERATING (REVENUE) & EXP:						
01-03-4540-00	LEASE INTEREST EXPENSE	4,317.30	2,478.87	2,478.87	2,889.00	(410.13)	85.8
01-03-4550-00	BANK SERVICE FEES	114,699.84	128,607.16	128,607.16	108,403.00	20,204.16	118.6
01-03-4560-00	OTHER NON-OPERATING EXPNS	16,872.39	6,682.30	6,682.30	15,452.00	(8,769.70)	43.3
	TOTAL NON OPERATING (REV) & EXP	135,889.53	137,768.33	137,768.33	126,744.00	11,024.33	108.7
	TOTAL FUND EXPENDITURES	2,743,128.77	2,707,629.05	2,707,629.05	2,789,747.00	(82,117.95)	97.1
	NET REVENUE OVER EXPENDITURES	1,676,466.59	1,879,606.13	1,879,606.13	1,832,737.00	46,869.13	102.6
	TOTAL DEPT REVENUES	(1,066,662.18)	(828,022.92)	(828,022.92)	(957,010.00)	128,987.08	(86.5)
	TOTAL DEPT EXPENDITURES	2,743,128.77	2,707,629.05	2,707,629.05	2,789,747.00	(82,117.95)	97.1

MAGNA WATER DISTRICT
REVENUES AND EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

		PRIOR YEAR	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	SECONDARY WATER REVENUE						
01-04-4000-00	SECONDARY WATER SERVICE CHAR	(525,072.76)	(530,507.14)	(530,507.14)	(654,882.00)	124,374.86	(81.0)
01-04-4005-00	SECONDARY WATER METER SET	29,043.95	6,558.89	6,558.89	(41,248.00)	47,806.89	15.9
01-04-4007-00	WATER INSPECTION SECONDARY	(9,692.33)	(8,777.20)	(8,777.20)	(18,748.00)	9,970.80	(46.8)
01-04-4013-00	INCOME CONTRIBUTED CAPITAL	(39,479.74)	(19,710.03)	(19,710.03)	(396,044.00)	376,333.97	(5.0)
01-04-4040-00	OTHER OPERATING INCOME	.00	(2,999.00)	(2,999.00)	.00	(2,999.00)	.0
01-04-4044-00	PROPERTY TAX REV - DEBT SERVIC	(37,407.49)	(35,725.21)	(35,725.21)	(19,963.00)	(15,762.21)	(179.0)
01-04-4050-00	PROP TAX MV REV - DEBT SERVICE	(17,109.17)	(10,358.91)	(10,358.91)	(20,549.00)	10,190.09	(50.4)
01-04-4055-00	PROP TAX MISC RED - DEBT SERV	(14,497.29)	(6,955.65)	(6,955.65)	(5,332.00)	(1,623.65)	(130.5)
01-04-4080-00	GRANT MONIES	(24,012.25)	(9,927.80)	(9,927.80)	.00	(9,927.80)	.0
01-04-4085-00	NON-OPERATING INCOME	(12,226.56)	.00	.00	(4,608.00)	4,608.00	.0
	TOTAL SECONDARY WATER REVENU	(650,453.64)	(618,402.05)	(618,402.05)	(1,161,374.00)	542,971.95	(53.3)
01-04-4150-00	ENGINEERING	.00	.00	.00	22,216.00	(22,216.00)	.0
01-04-4185-00	REPAIRS MAINTENANCE-SECONDAR	126,554.22	31,662.54	31,662.54	55,490.00	(23,827.46)	57.1
01-04-4230-00	FUEL & POWER	19,204.85	9,752.79	9,752.79	23,767.00	(14,014.21)	41.0
01-04-4270-00	DEPRECIATION	697,500.00	627,000.03	627,000.03	627,002.00	(1.97)	100.0
01-04-4360-00	BAD DEBTS	4.73	9.00	9.00	.00	9.00	.0
01-04-4370-00	INSURANCE	2,593.53	2,782.53	2,782.53	2,998.00	(215.47)	92.8
	TOTAL OTHER OPERATING EXP & (RE	845,857.33	671,206.89	671,206.89	731,473.00	(60,266.11)	91.8
	NON OPERATING (REVENUE) & EXP:						
01-04-4525-00	AMORT ON 2017 BOND PREMIUM	(8,163.63)	(8,163.90)	(8,163.90)	(8,163.00)	(.90)	(100.0)
01-04-4527-00	AMORT ON 2019 BOND PREMIUM	(6,598.35)	(6,598.35)	(6,598.35)	(6,598.00)	(.35)	(100.0)
01-04-4548-00	INTEREST EXP ON 2017 GO BOND	58,080.78	53,201.25	53,201.25	53,214.00	(12.75)	100.0
01-04-4549-00	INTEREST EXPENSE	1,361.63	975.06	975.06	973.00	2.06	100.2
01-04-4559-00	INTEREST EXP 2019 BOND	35,800.11	32,572.35	32,572.35	32,571.00	1.35	100.0
	TOTAL NON OPERATING (REV) & EXP	80,480.54	71,986.41	71,986.41	71,997.00	(10.59)	100.0
	TOTAL FUND EXPENDITURES	926,337.87	743,193.30	743,193.30	803,470.00	(60,276.70)	92.5
	NET REVENUE OVER EXPENDITURES	275,884.23	124,791.25	124,791.25	(357,904.00)	482,695.25	34.9
	TOTAL DEPT REVENUES	(650,453.64)	(653,957.67)	(653,957.67)	(1,161,374.00)	507,416.33	(56.3)
	TOTAL DEPT EXPENDITURES	926,337.87	743,193.30	743,193.30	803,470.00	(60,276.70)	92.5
	COMBINED REVENUES	(13,114,575.10)	(12,285,106.66)	(12,285,106.66)	(14,371,138.00)	2,086,031.34	(85.5)
	COMBINED EXPENDITURES	12,591,223.00	12,702,499.90	12,702,499.90	14,723,661.00	(2,021,161.10)	86.3
	COMBINED REVENUES OVER EXPEN	(523,352.10)	417,393.24	417,393.24	352,523.00	64,870.24	118.4

HR REPORT

Human Resources Report

- Staffing- 34 of 36 positions are currently filled.

- Training- Oct. 29 Cross Connection Refresher (Steve, Matt S, Ed)

  Oct. 22 Trench and Excavatiuon Competent Persons (Taylor, Daniel, Trevor R.)

  Nov. 3 Confined Space Training (Mike, Travis)

  Nov. 5 Traffic Control Supervisor (Mike)

  Nov. 10 CPR/First Aid (Dallas, Melinda)

  Dec. 9 Onsite Workplace Fraud Prevention, Conflicts of Interest & Ethical Behavior

- Safety Focus- Working in Cold Weather

- Conferences-

Rural Water Conference	Feb 22nd -25th
Utah Water Users	March
UGFOA	April
WEAU Annual	April 20th-23rd
AWWA Midyear	April 14th

- Oct. 30 Magna City Halloween Trunk or Treat (Kim, KayDee)

JACK NIELSON METAL BLDG

BOARD OF TRUSTEES
Mick Sudbury, Chairman
Jeff White
Dan L. Stewart

GENERAL MANAGER
Clint Dilley, P.E.

November 4, 2026

Jack Nielson
7130 W Gates Avenue,
West Valley City, Utah 84128
<dinahnielson@yahoo.com>

Subject: Jack Nielson Metal Building – Water & Sewer Availability

Jack,
We have completed our preliminary review of the proposed **Jack Nielson Metal Building** development located at approximately **7130 West Gates Ave, West Valley City, Utah**. Our determination of water and sewer availability is as follows:

EXISTING FACILITIES

WATER Water service is available near the development. There is a 16-inch water line located along W Gates Avenue, just South of the proposed development. There is an 8-inch waterline also along W Gates Avenue, South of both the proposed development and 16-inch water line.

SEWER Sewer service is available near the development. There is an 8-inch sewer main located along W Gates Avenue, South of the proposed development.

SEC WATER Secondary water service is not available near the development.

RECOMMENDATIONS

WATER Connect to the existing 8-inch water line along W Gates Avenue and extend the required water service to the development.

Drinking Water Source Protection

This property is located within the drinking water source protection zone of Magna Water Company's well fields. As such the following handling and storage and containment improvements are to be resolved to the satisfaction of the District as condition of providing water. This is to ensure the protection of the Districts water source. Provide spill containment measures within the building to prevent any spilled liquid that can contaminate the ground water from getting into a floor drain or seeping into the ground.

SEWER Connect to the existing 8-inch sanitary sewer line located along W Gates Avenue and extend the required sewer service to the development.

BOARD OF TRUSTEES
Mick Sudbury, Chairman
Jeff White
Dan L. Stewart

GENERAL MANAGER
Clint Dilley, P.E.

SEC WATER Provide an extra landscaping meter, with required backflow prevention, to the property from the existing 8-inch culinary water line located in W Gates Avenue.

Plans showing the water and sewer lines will need to be furnished to the District by the Developer's engineer. These Plans will need to show the location of all lines, line sizes, profile of sewer, fittings, and water service connection sizes, locations, and type.

It is my recommendation that the Magna Water District Board approve providing water and sewer services to this Development. If you have any questions or concerns, please contact me at 801-250-2118.

Sincerely,

Trevor Andra P.E.
District Engineer
Magna Water District

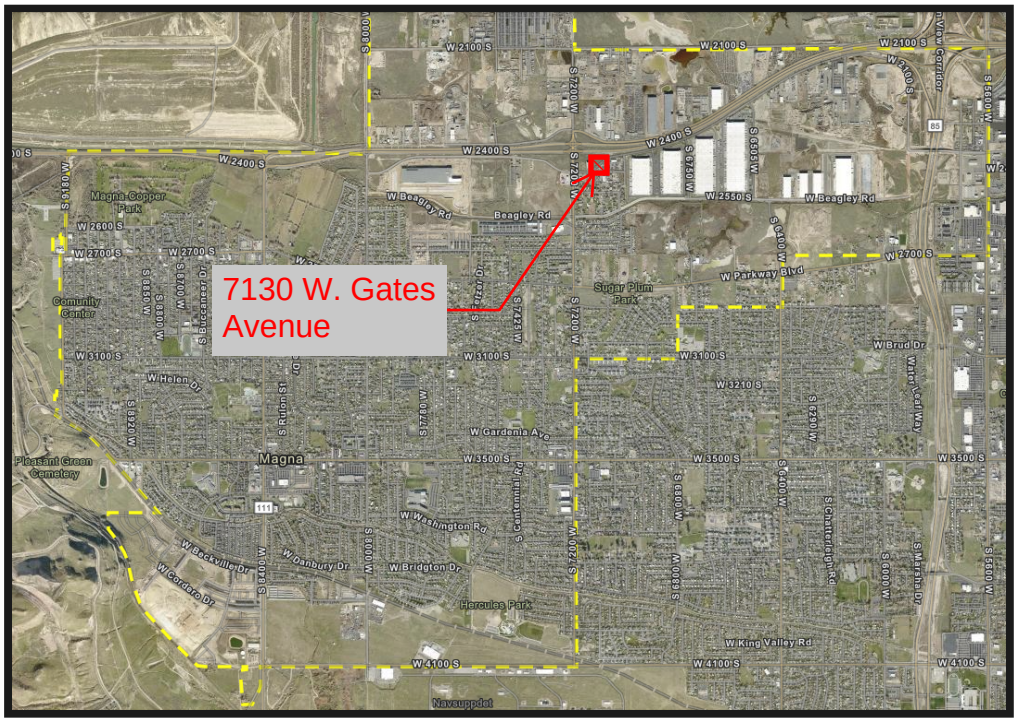
[See attached map of project area]



Development Name:
Jack Nielson Metal Building

Address:
7130 West Gates Avenue,
West Valley City, UT

Number of Lots: 1



TRIFOLGIO

WV-14

BOARD OF TRUSTEES
Mick Sudbury, Chairman
Jeff White
Dan L. Stewart

GENERAL MANAGER
Clint Dilley, P.E.

November 4, 2026

Jeff Stuart
Stuart Developments
259 S River Bend Way
North Salt Lake, UT 84054
(206) 432-0745

Subject: Trifolgio WV-14 – Water & Sewer Availability

Jeff,
We have completed our preliminary review of the proposed **Trifolgio WV-14** development located at **2202 South 5600 West, West Valley City, Utah**. Our determination of water and sewer availability is as follows:

EXISTING FACILITIES

WATER Water service is available near the development. There is a 16-inch water line located along Anna Caroline Drive, just South of the proposed development and an 8-inch water line in Clifford Street, south of the development.

SEWER Sewer service is available near the development. There is a 12-inch sewer main located along Anna Caroline Drive, South of the proposed development. and a 10-inch sewer main in Clifford Street, south of the development.

SEC WATER Secondary water service is not available near the development.

RECOMMENDATIONS

WATER Connect to the existing 16-inch water line along Anna Caroline Drive and extend the required water service to the development with a fire line loop connecting to the 8-inch water line in Clifford Street.

Drinking Water Source Protection

This property is located within the drinking water source protection zone of Magna Water Company's well fields. As such the following handling and storage and containment improvements are to be resolved to the satisfaction of the District as condition of providing water. This is to ensure the protection of the Districts water source. Provide spill containment measures within the building to prevent any spilled liquid that can contaminate the ground water from getting into a floor drain or seeping into the ground.

BOARD OF TRUSTEES
Mick Sudbury, Chairman
Jeff White
Dan L. Stewart

GENERAL MANAGER
Clint Dilley, P.E.

SEWER Connect to the existing 12-inch sanitary sewer line located along Anna Caroline Drive and extend the required sewer service to the development.

SEC WATER Provide extra landscaping meter(s), with required backflow prevention, to the property from the existing 16-inch water line located along Anna Caroline Drive.

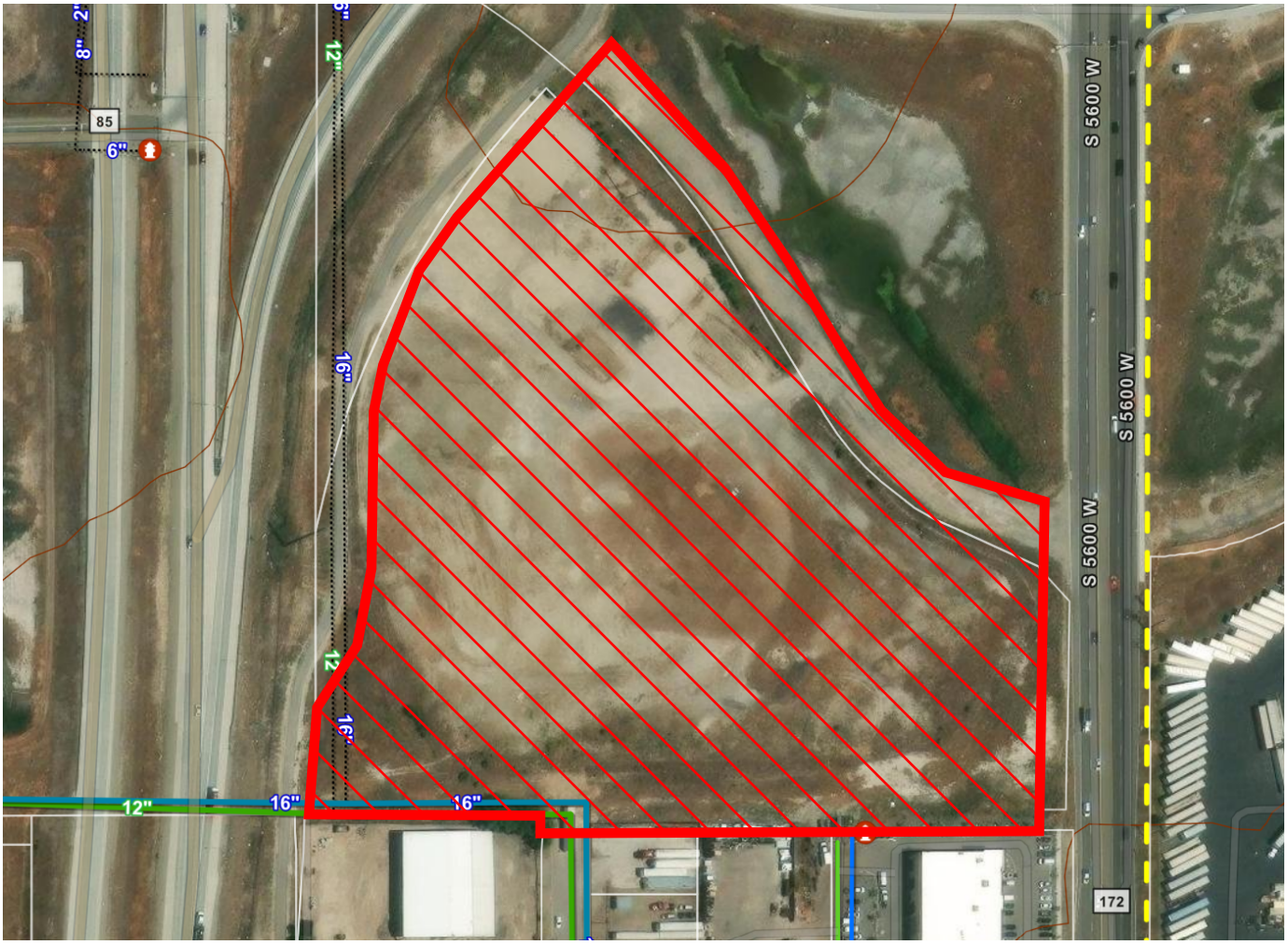
Plans showing the water and sewer lines will need to be furnished to the District by the Developer's engineer. These Plans will need to show the location of all lines, line sizes, profile of sewer, fittings, and water service connection sizes, locations, and type.

It is my recommendation that the Magna Water District Board approve providing water and sewer services to this Development. If you have any questions or concerns, please contact me at 801-250-2118.

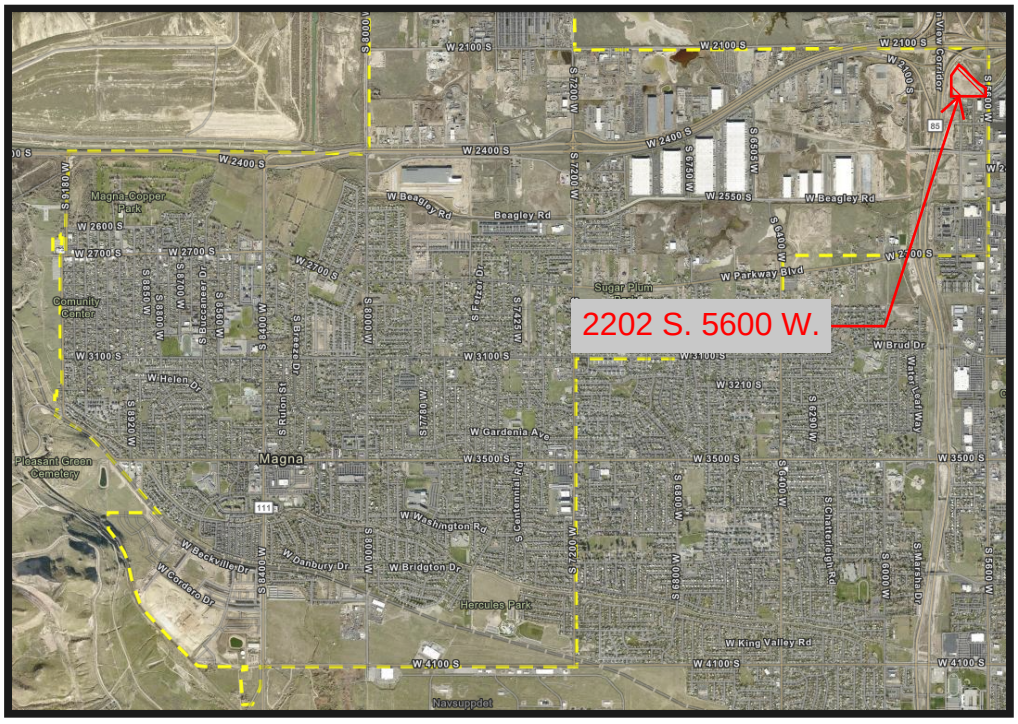
Sincerely,

Trevor Andra P.E.
District Engineer
Magna Water District

[See attached map of project area]



Development Name:
Trifolgio WV-14



Address:
2202 South 5600 W, West Valley City, UT

Number of Lots: 1

JUB ENGINEERING

J·U·B ENGINEERS, INC.

J-U-B ENGINEERS, Inc.
AGREEMENT FOR PROFESSIONAL SERVICES

Attachment 1 – Scope of Services, Basis of Fee, and Schedule

PROJECT NAME: Magna Westside Collection System Improvements: PROJECT 3
CLIENT: Magna Water District
J-U-B PROJECT NUMBER: RP-26-00442
CLIENT PROJECT NUMBER: Click or tap here to enter text.
ATTACHMENT TO:

☐ **AGREEMENT DATED: 2/25/2026; or**

☒ **AUTHORIZATION FOR CONTRACT AMENDMENT #01; DATED: 10/26/2026**

The referenced Agreement for Professional Services executed between J-U-B ENGINEERS, Inc. (J-U-B) and the CLIENT is amended and supplemented to include the following provisions regarding the Scope of Services, Basis of Fee, and/or Schedule:

PART 1 - PROJECT UNDERSTANDING

J-U-B's understanding of this project's history and CLIENT's general intent and scope of the project are described as follows:

Magna Water District (District) is increasing the capacity of their wastewater collection system on the west side of Magna Metro Township through a series of Phased Projects, 1 through 5. This scope is for the engineering design services for Project 3 identified in the Basis of Design Report by Stantec, dated December 22, 2021.

Project 3 is anticipated to be a 36-inch PVC sewer that will be designed from 8400 W to 8800 W (approx. 3,100-LF) along the south side of HWY UT-201. Design is planned to be completed in 2026 with construction taking place in 2027.

The design includes the following components:

- Connection to the west end of Project 2.
- ROW and easement coordination with UDOT and Kennecott.
- Assuming open Cut for the Utah & Salt Lake Canal Drainage Extension Crossing at about 8600W and permit coordination with Salt Lake County Flood Control.
- Connection to existing 21-inch sewer main at about 8550 W.
- Geotechnical investigation report along the alignment of the project, to be provided by GEI.
    - Two soil investigation borings are planned at approx. 1,000 and 2,000-LF along the proposed alignment from east to west.
    - Tunnels are not planned to be included in the Project 3 design
- The final manhole of Project 3 is to be installed just north of the golf course cart path at about 8800 W.
- Review of the proposed 0.06% slope in the Basis of Design Report in relation to flows, construction, and conflicts.

This amendment includes services to develop landscape architect drawings for the restoration of the Kennecott Copper Golf Course. This will include additional coordination, development of drawings to restore the golf course tee box and surface of the golf course as well as irrigation specifications to restore existing irrigation services of the golf course.

SCOPE OF SERVICES BY J-U-B

J-U-B's Services under this Agreement are limited to the following tasks. Any other items necessary to plan and implement the project, including but not limited to those specifically listed in PART 3, are the responsibility of CLIENT.

A. **Task 010: Project Management – No Change**

B. **Task 020: As-Built Research and Utility Investigations – No Change**

C. **Task 030: Survey, Base Mapping, and Boundary Survey – No Change**

D. **Task 040: Geotechnical Services – No Change**

E. **Task 050: 30% Design Services – No Change**

F. **Task 060: 60% Design Services – No Change**

G. **Task 070: 90% Design Services – No Change**

H. **Task 080: 100% Design Services/Bid Set – No Change**

I. **Task 090: Procurement Support – No Change**

J. **Task 100: Golf Course Landscaping Design**

1. J-U-B will provide additional design support to update the 90% plans to include restoration details and specifications for the contractor to use in restoring the Kennecott Copper Golf Course following construction of the new sewer line.
2. Subtask 001: Project Administration
    a. Provide project management, coordination, and landscape architectural support associated with the golf course utility improvements project. Services will include participation in project coordination meetings, communication with the owner and design team, review of available background information and as-built documentation, coordination with the project team regarding golf course restoration requirements, and one site visit to verify existing conditions. Services also include coordination of topsoil testing and incorporation of findings into landscape restoration recommendations as needed.
3. Subtask 002: 90% Design
    a. 90% documents will focus on restoration of disturbed golf course areas and will include identification of proposed temporary tee box, existing tee box restoration, fairway, rough, native grass, and tree restoration areas impacted by construction activities. Landscape plans will provide sufficient direction for contractor while generally maintaining existing golf course character and conditions. Irrigation documentation will show available as-built information to identify systems affected by construction and provide notes directing replacement in-kind. Services will also include coordination with the subconsultant, Lussier Golf Design, regarding temporary and permanent tee box restoration specifications.
4. Subtask 003: Final Bid Package
    a. Incorporate owner and team review comments and prepare final landscape restoration documents for bidding. Services include finalization of landscape plan, irrigation restoration notes, quantities as required, and language necessary to define restoration expectations for disturbed areas. Final deliverables will be coordinated with the overall project bid package and undergo a final quality control review prior to submittal.
5. Assumptions and Exclusions
    a. Landscape services are limited to restoration of existing golf course features to preconstruction conditions from construction activities.
    b. Preparation of a tree preservation plan is excluded.

c. Detailed irrigation design is excluded; restoration requirements will be conveyed through plan notes.
d. MWD will assist in the collection of the topsoil samples.
e. Additional survey is not expected or included with this amendment

6. Deliverables:
   a. One (1) golf course site visit that includes the collection of One (1) Topsoil Sample for composition testing.
   b. 90% Design and Final Bid Package includes:
      i. Landscape Restoration Plan
      ii. Tee Box Section Detail
   c. Tee Box Specification

PART 2 - CLIENT-PROVIDED WORK AND ADDITIONAL SERVICES

A. **CLIENT-Provided Work -** CLIENT is responsible for completing, or authorizing others to complete, all tasks not specifically included above in PART 2 that may be required for the project including, but not limited to:
   1. Easement negotiations as required
   2. Advertising the project on U3P
   3. Potholing of existing utilities
   4. Construction observation/inspection during construction

B. **Additional Services** - CLIENT reserves the right to add future tasks for subsequent phases or related work to the scope of services upon mutual agreement of scope, additional fees, and schedule. These future tasks, to be added by amendment at a later date as Additional Services, may include:
   1. Public Involvement Services
   2. Construction observation/inspection during construction
   3. Construction administration services during construction (submittal reviews, RFI's, RFP's, WCD's, Pay Apps, substantial completion walk through with punch list development, and final completion walk through)
   4. J-U-B completed Certified Survey after Construction is completed and sent to the District.
   5. Project Closeout including development of Record Drawings

PART 3 - BASIS OF FEE AND SCHEDULE OF SERVICES

A. CLIENT shall pay J-U-B for the identified Services in PART 2 as follows:
   1. For Time and Materials fees:
      a. For all services performed on the project, Client shall pay J-U-B an amount equal to the cumulative hours charged to the Project by each class of J-U-B's personnel times J-U-B's standard billing rates.
      b. Client shall pay J-U-B for J-U-B's Consultants' charges times a multiplier of 1.1.
   2. J-U-B may alter the distribution of compensation between individual tasks to be consistent with services actually rendered while not exceeding the total project amount.

B. **Period of Services**
   1. If the planned period of service for the Tasks identified above extend more than one year, J-U-B's billing rates and/or fees for remaining Tasks may be increased to account for direct labor cost, rate table adjustments, or other inflationary increases. If that occurs, an adjustment to the billing rates and/or Fee will be computed based on remaining scope amount times the specific rate increase.
   2. If the period of service for the Tasks identified above is extended beyond 6 months or if the Project has stop/start iterations, the compensation amount for J-U-B's services may be appropriately adjusted to account for salary adjustments, extended duration of project

management and administrative services, and/or costs related to stop/start cycles including necessary monitoring and communication efforts during inactive periods.

C. CLIENT acknowledges that J-U-B's schedule commitments outlined in Part 4 are subject to the standard of care and J-U-B will not be responsible for delays beyond our direct control.

D. The following table summarizes the fees and anticipated schedule for the services identified in PART 2.

Task Number	Task Name	Fee Type	Amount	Anticipated Schedule
100	Golf Course Landscaping Design	Time and Materials (Ceiling Amount Shown)	$9,400	Concurrent with work progress
		Total:	**$9,400**	

PART 4 - CERTIFICATIONS AND DELIVERABLES

A. Electronic deliverables provided to the CLIENT as part of the work described within this Attachment are subject to the provisions of J-U-B's "electronic document/data limited license" found at edocs.jub.com.

B. The Client understands and agrees that Artificial Intelligence (AI) may be used as a tool on the Project, including but not limited to meeting notes, graphics, document editing, etc. (along with AI features that are integral to design and other software). Results of AI and software applications will be reviewed and, if necessary, modified by J-U-B prior to submittal as a Deliverable.

Exhibit(s):

- N/A

For internal J-U-B use only:

PROJECT LOCATION (STATE): UT

TYPE OF WORK: Gov-Other

R&D: No

DISCIPLINE: Wastewater Collection

PROJECT DESCRIPTION(S):

1. Municipal/Utility Engineering (203)
2. Sewer/Wastewater Collection/Disposal (S04)

RESOLUTION 2026-10

RESOLUTION NO. 2026-10

A Resolution Adopting a Water Conservation Plan

WHEREAS, Magna Water District (the "District") operates a water distribution system and encourages and promotes water conservation; and

WHEREAS, the Utah Water Conservation Plan Act of 1998, Utah 73-10-32(6), requires retail water suppliers like the District that operate water systems to establish and update a water conservation plan every five (5) years; and

WHEREAS, the District has investigated appropriate water conservation needs and measures and has developed proposed update to its water conservation plan ("**Update**").

NOW, THEREFORE, BE IT RESOLVED by the District's Board of Trustees as follows:

1. That the attached updated Water Conservation Plan is adopted as the District's official Water Conservation Plan.

2. That any rule, regulation, or resolution of the District pertaining to this matter is hereby modified as necessary to properly reference and implement this Water Conservation Plan and any rules, regulations, or resolutions inconsistent with this Resolution are hereby repealed to the extent necessary to effectuate the Plan.

3. That the effective date of this Resolution is November 12th, 2026.

ADOPTED AND APPROVED by majority vote at a duly called meeting of the Board of Trustees on this 12th day of November 2026.

Magna Water District

By: _____
Mick Sudbury, Chairman
Board of Trustees

ATTEST:

_____
Leisle Fitzgerald, Board Clerk

Magna Water District
Water Conservation Plan



APPLICATION


DEVELOPMENT


EDUCATION

2026

MAGNA WATER DISTRICT



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Plan Summary

Introduction

In 1998, the Utah State Legislature approved the Water Conservation Plan Act which was passed and revised in the 2004 legislative sessions with House Bill 71 Section 73-10-32 [1]. Driving this initiative was the response to rapid growth, suburbanization, future costs, and availability of water to consumers.

Under the law, retail drinking water providers are required to prepare a water conservation plan and to submit the plan to the Utah Board of Water Resources every five (5) years. The purpose of the Water Conservation Plan is to provide information to Magna Water District's (MWD, the District) water users, to fulfill the provisions of the Conservation Plan Act, and to be used in MWD's future Master Planning.

Continued urban planning, development, and economic growth are expanding throughout the State including MWD's service area. As a result, the need for conservation has become more critical for the District.

Conservation is essential to the continued success of MWD. To better support this goal, the MWD staff and Board of Trustees are committed to reducing per capita water use and achieving a new five-year target outlined in this conservation plan.



Image 1.) Magna Main Street Looking West



Image 2.) Magna Water District General Office



Image 3.) Construction of Buried Magna Water District Zone 3 Storage Tank.



Chapter One: System Profile

1.0 Introduction

This section provides an overview of the MWD's system profile, including its service area, population, and both culinary and secondary water systems. It outlines the total number of service connections and the distribution of connection types. By understanding the system's primary users and the scale of demand, MWD can develop more informed and effective water conservation goals and strategies.

1.1 Water District Service Area

Magna Water District is in the Northwest area of the Salt Lake Valley and serves a large area of 9.4 Square miles. MWD serves Magna City, as well as portions of West Valley City and Salt Lake City. MWD's service area covers a large diverse area, resulting in various customer types. *Image 4* shows the current district boundary of MWD's service area (area within the yellow dashed lines).

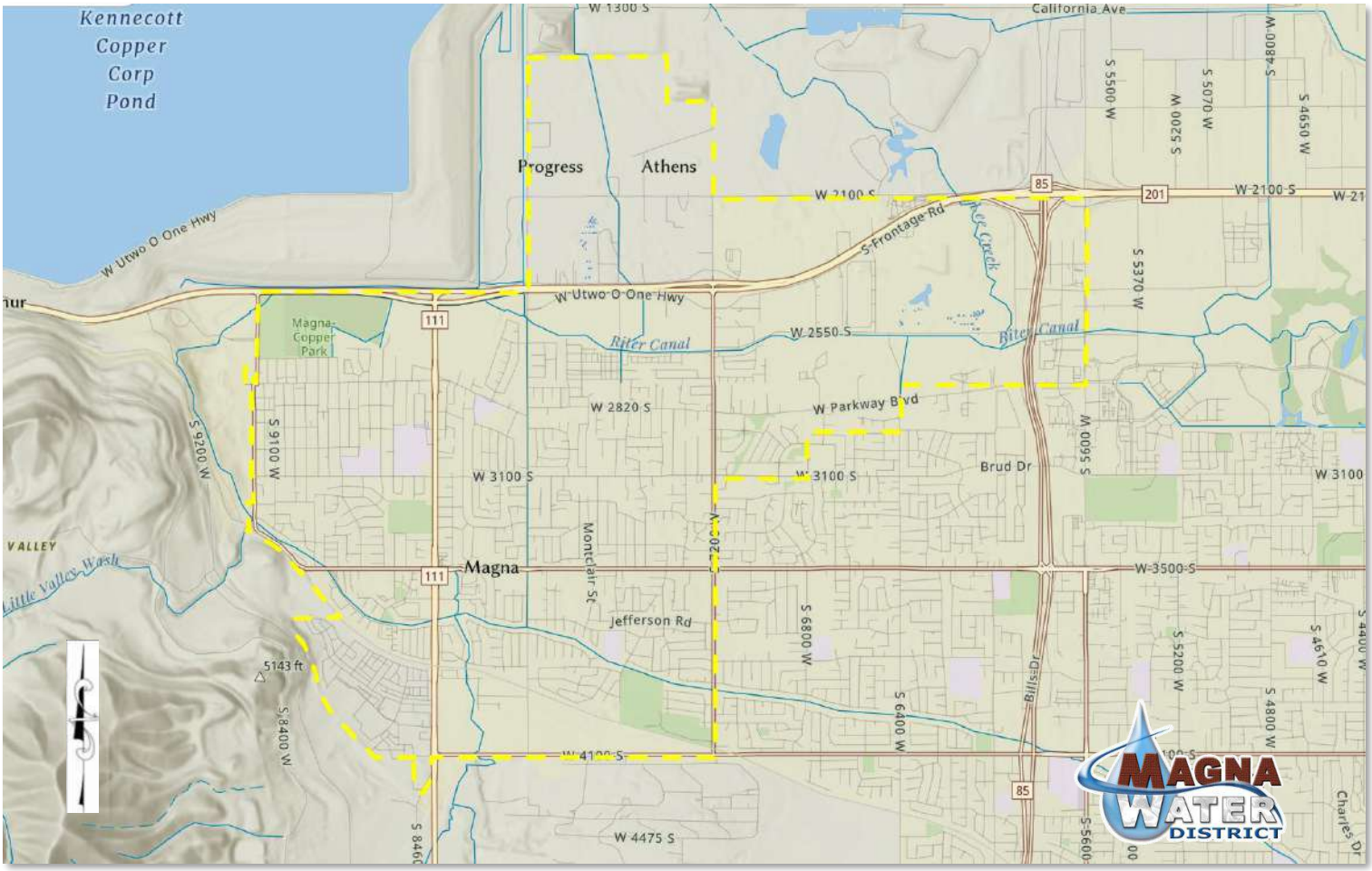


Figure 1-1) Current Magna Water District Boundary



Chapter One: System Profile

1.2 Population Data Analysis

Magna Water District in recent years has seen a significant increase in residential, industrial, and commercial developments. This in turn increases the population of MWD's service area. MWD's service population data from Utah Water Rights is given in Figure 1-2 *MWD Service Population from 2020 to 2025* shows a relatively linear increase in population with a current overall estimate of approximately 35,000 people [3]. This is a 7.6% increase from 2020 which shows a population of approximately 32,000 people.

Given this continued development within MWD's service area, the population is expected to keep growing. This growth will increase the demand for water resources and the infrastructure needed to supply them. As these demands rise, achieving conservation goals becomes even more important. Conservation efforts can help reduce the need for costly infrastructure expansions while preserving valuable resources for a growing community.

1.3 System Connections and Users

MWD produces, distributes, and maintains its own culinary and secondary water systems. The culinary water system includes approximately 9496 culinary connections with an additional 1553 secondary water connections [4,5]. The designated types and amounts for each connection appear in the table 1-1 "Summary of District Connections". The table also shows the increase of connections from the years of 2020 to 2025 [4,5].

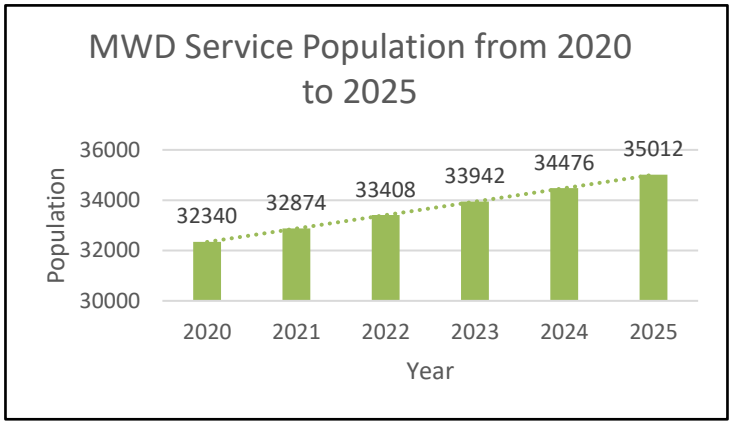


Figure 1-2) Service Population From 2020 to 2025

Table 1-1) Summary of District Connections

Magna Water District Connections					
Culinary Connections					
Year	Residential	Commercial	Industrial	Institutional	Total
2020	8064	244	6	71	8385
2021	8470	238	6	75	8789
2022	8770	308	6	75	9159
2023	8964	314	6	64	9499
2024	9115	281	9	73	9327
2025	9126	287	10	73	9496
Secondary Connections					
Year	Residential	Commercial	Industrial	Institutional	Total
2020	436	24	0	30	490
2021	532	27	0	32	591
2022	722	34	0	37	793
2023	844	31	0	37	912
2024	1370	34	0	40	1444
2025	1473	38	1	41	1553

1.3.1 Water Deliveries

Understanding and tracking overall water usage across connection types is essential for evaluating demand patterns and helping MWD identify where conservation efforts should be focused.

Figure 1-3 illustrates current water deliveries by user type [6,7]. The figure highlights how secondary water usage compares with total culinary water usage and identifies which customer categories account for the greatest share of culinary demand. As expected, residential users represent the largest portion of water use due to the significantly higher number of residential connections compared to other customer types.

Figure 1-3 also compares culinary and secondary water use across the study years. Between 2021 and 2025, overall water usage increased, which is consistent with population growth and the related increase in water service connections. One notable trend is the reduction in commercial culinary water use during this period. This decrease may be attributed to the expansion of the secondary water system and increased water reuse practices, which can reduce reliance on culinary water for non-potable uses.

MWD has collected data which has allowed for a further breakdown of the types into subgroups. Figure 1-4 titled "2025 *Culinary Water Usage by Type and Group*" on page 5 shows the culinary usage of each type of customer. Each type is then separated into subgroups to explore what subgroups take up the most usage. Figure 1-5 on page 6 titled "2025 *Secondary Water Usage by Type and Group*" shows the secondary usage similarly to the previous figure on culinary water.

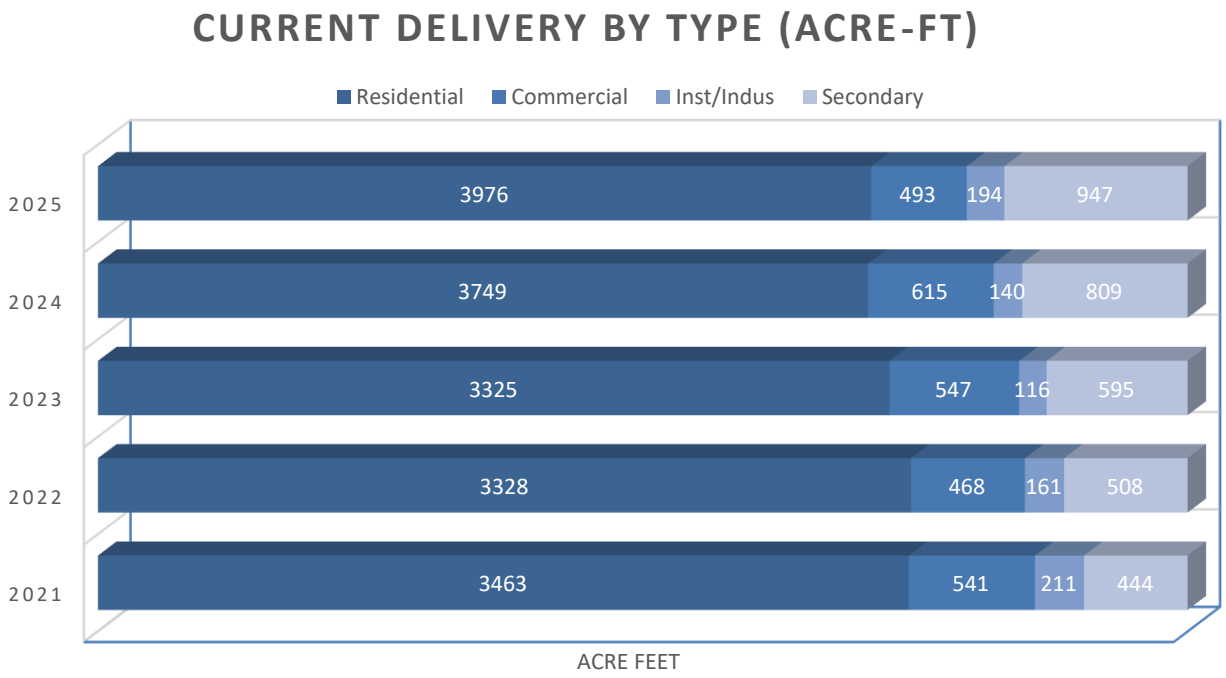
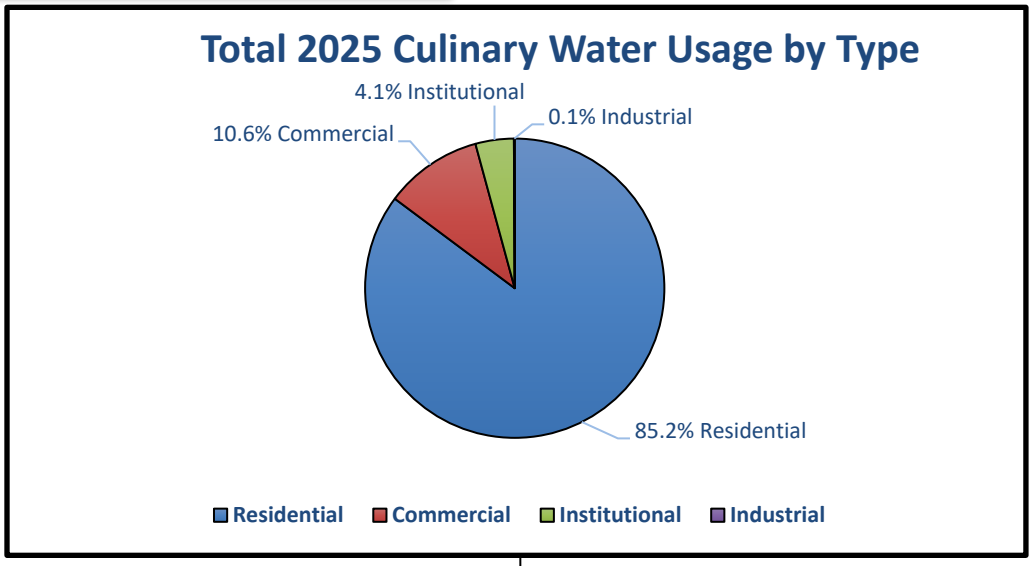
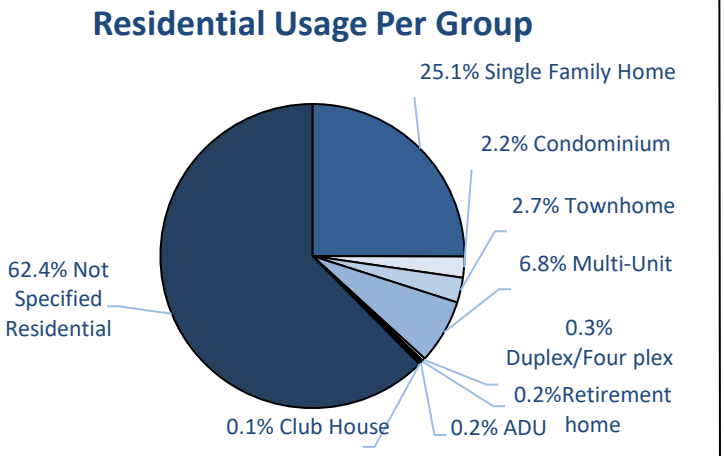
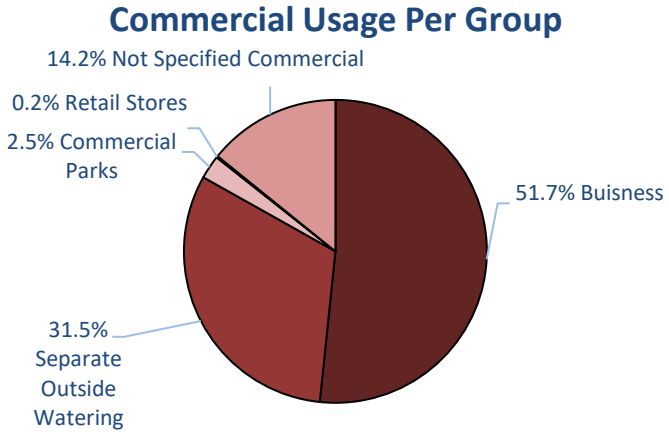
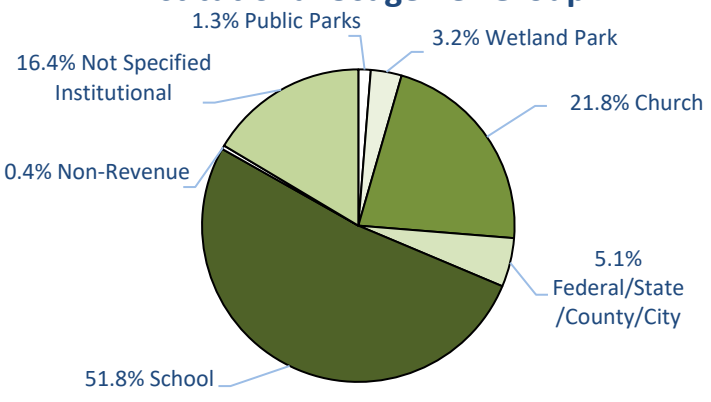


Figure 1-3) Current Water Deliveries by Type









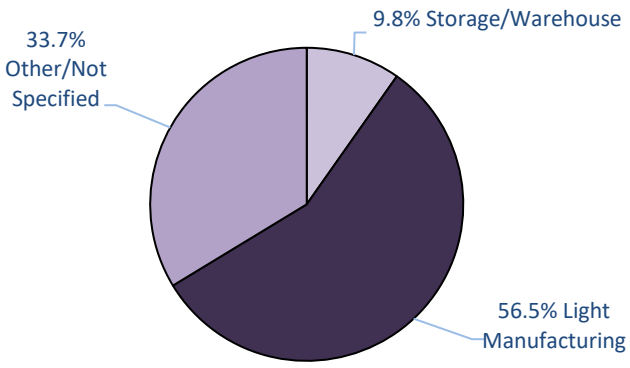
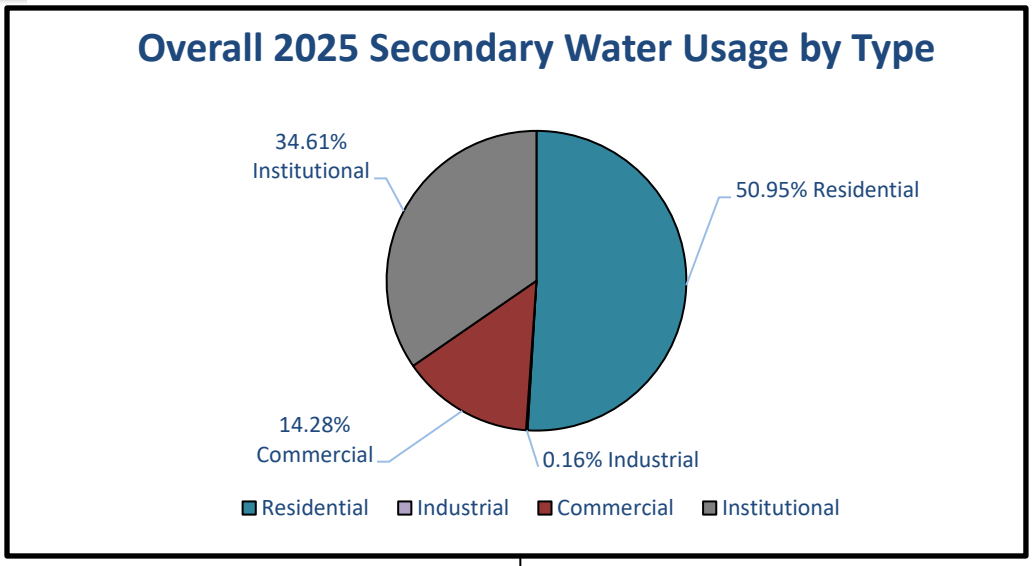
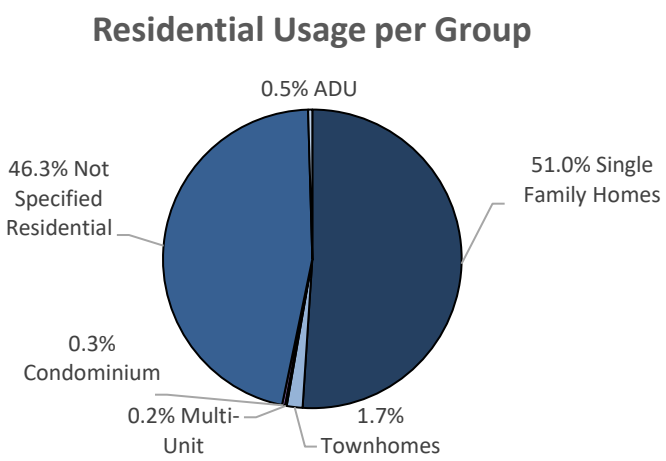
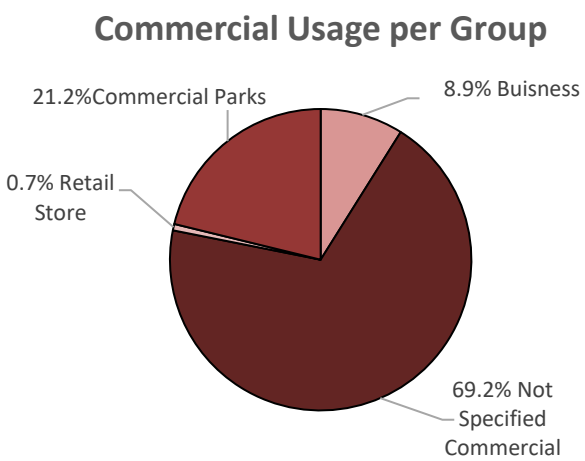
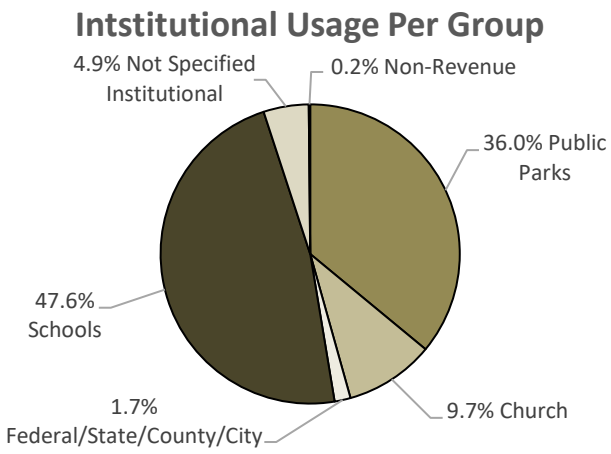


Figure 1-4) 2025 Culinary Water Usage by Type and Group









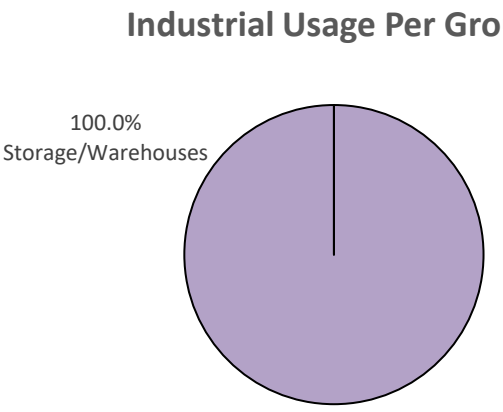


Figure 1-5) 2025 Secondary Water Usage by Type and Group



1.3.2 Culinary Water Usage Analysis

Figures 1–4 on page 5, shows overall culinary water usage by type as well as the usage data for each subgroup. Overall, the data shows that residential use dominates culinary water consumption. This is not surprising, as most services MWD supplies are residential (see Table 1–1 and Figure 1-3). It is not surprising either that commercial use ranks second, institutional use third, and industrial use fourth, based on the connections MWD maintains. What is more interesting is an analysis of the groups within each type.

Since residential use accounts for the largest share, it is important to identify which subgroup within this category uses the most water. Within the residential category, MWD has not yet been able to fully identify the specific types of residential subgroups. However, based on the current data, single-family homes account for the greatest usage.

In the commercial category, the highest usage comes from businesses, along with a portion attributed to their outdoor water use. Within the institutional category, schools account for the highest usage. This is reasonable, as schools must accommodate large numbers of students and maintain extensive fields and landscaping. In the industrial category, the District supplies the most water to light manufacturing industries.

1.3.3 Secondary Water Usage Analysis

Figure 1–5 on page 6, shows the overall secondary water usage as well as the usage for each subgroup. Like the culinary data, the secondary data shows that residential use accounts for most the usage. This is not surprising, as most the services the District supplies are residential (see Table 1–1 and figure 1-3).

What differs, however, is that institutional usage exceeds commercial usage. This makes sense, as a good portion of institutions such as churches and schools within the District have access to secondary water and contain large areas of landscaping. In contrast, commercial usage of secondary water is currently limited due to a lack of secondary expansion and commercial properties have less overall irrigation needs.

It is not surprising that industrial usage is the least, given that few industrial units have access to the District's secondary water system. Additionally, industrial properties typically have less irrigable land.

1.4 Conclusion

In summary, an analysis of MWD's overall system profile, including culinary and secondary water connections, as well as population growth—provides valuable insight into setting appropriate goals and identifying effective water conservation solutions. Over the past five years, the District has experienced steady population growth, accompanied by an increase in user connections. This trend underscores the need for enhanced conservation efforts to maintain and expand system capacity. Additionally, the analysis indicates that residential users account for most water consumption, with single- family homes contributing the largest share of overall usage.



Chapter Two: Supply and Storage

2.1 Introduction

One of, if not, the most important aspects of a water delivery system is the supply and storage of the water. Having extensive and unique sources and storage facilities creates reliability in water delivery infrastructure. Having a continuous resource also creates that reliability that communities need to have a secure source of water.

MWD strives to develop and maintain these sources and storage facilities for this reason. This section provides information on MWD's current water supply sources as well as MWD's storage capabilities.

2.2 Existing Sources

MWD's culinary system consists of several wells two well fields, an EDR treatment facility, storage reservoirs, and supply piping throughout the entire district service area. MWD also has a connection to the Jordan Valley Water Conservancy District (JVWCD) for further water supplies. Table 2-1 shows all the sources summarized from MWD's 2025 master plan completed by Bowen Collins & Associates [8].

2.2.1 Summary of Culinary Water Sources

MWD's culinary water system is divided into three pressure zones. The wells from the Barton and Haynes well field pump raw water with a total reliable annual capacity of 7800 acre-ft. This water is pumped and then treated at MWD's EDR Plant to culinary standards and pumped into the lower pressure Zones. The JVWCD water is delivered into the zone 2 pressure zone which provides 800 acre-ft with up to an additional 160 acre-ft available. Booster stations then lift the water into one of the three pressure zones of the system.

2.2.2 Summary of Secondary Water Sources

The secondary water system consists of two open storage reservoirs and supply piping serving the District's outdoor water users. MWD supplies water to the secondary water system from three (3) shallow wells, MWD's WRF Reuse facility, and from the Utah and Salt Lake Canal. The shallow wells and WWTP reuse facilities are a part of MWD's sources along with shares of the Salt Lake and Utah canal. Table 2-1 summarizes the reliable annual capacity of the MWD's secondary system.

Table 2-1) Existing Source Reliable Annual Capacity

Source	Reliable Raw Annual Capacity (acre-ft)	Reliable Culinary Annual Capacity (acre-ft)	Reliable Secondary Annual Capacity (acre-ft)
Haynes Well Field	3250	-	-
Barton Well Field	4550	-	-
EDR Plant	-	6864	-
Existing Shallow Wells	-	-	287
JVWCD Contract	-	800	-
JVWCD Option	-	160	-
Kennecott Spring Flows	-	-	10
Reuse Water	-	-	822
Canal Shares	-	-	1344
Total	7800	7824	2463



Chapter Two: Supply and Storage

2.3 Ground Water Storage & Recovery

Further expanding on MWD's specific sources, the most essential source of the Districts water supply are the Barton and Haynes Well Fields. These two well fields provide most of the culinary water supply for the District. MWD projects that increasing demands in the drinking water system will require the pumping of a larger volume of water from the aquifer than has been pumped in the past. It is pertinent for MWD to make sure additional pumping does not exceed water right limitations for the well fields, and that groundwater withdrawals do not exceed the recharge to the aquifer system. The recommended maximum well field discharge was estimated through identification of the extent of the aquifer recharge area and volume of recharge within those extents using the 3-dimensional MODFLOW groundwater model developed by USGS in Technical Publication No 110B [9]. Over pumping the aquifer could lead to groundwater mining and a reversal for the groundwater flow.

2.3.1 Delineation of Recharge Zone

The MODFLOW groundwater model published by USGS [9] was used to evaluate the groundwater recharge which supports the Districts drinking and secondary wells. MODFLOW is a 3-dimensional numerical groundwater flow model that uses a finite-difference grid of cells to represent the aquifer system. Calculations are made cell-to-cell based on input aquifer properties, boundary conditions, recharge sources (precipitation, stream infiltration, mountain bedrock underflow, etc.), and discharge features (wells, springs, etc.). The USGS model was developed and calibrated to match groundwater level and discharge records. Based on the calibration, it is believed that estimated recharge included in the model reasonably represents the average available recharge to the principal aquifer system. The computed groundwater surface is also believed to reasonably represent actual groundwater flow patterns. The extent of the recharge area tributary to the Barton and Haynes well fields and the total recharge to the area was determined from the model results. The total recharge to the principal aquifer within the recharge area estimated to be 12,850 acre-feet/year.

2.4 Pumped Ground Water

The Barton and the Haynes Well Fields are situated near each other within the District. All wells are assumed to be receiving water from the same aquifer. The aquifer is confined, and the well water flows to the surface in an artesian condition when not being pumped.

2.4.1 Barton Well Field

The Barton Well Field contains five (5) wells. Each of the Barton wells are fitted with a pump. Wells 1, 2, 3 and 4 connect to a common discharge point. All flows from each of these four wells pass through a common transmission line directly to the EDR water treatment facility with option of bypassing the EDR treatment and going directly to a finished water storage tank. Barton well No. 5 discharges directly into the EDR water treatment facility feed tank. A description of the wells appears in Table 2-2.



2.4.2 Haynes Well Field

The Haynes Well Field is the oldest well field which contains ten (10) wells. Five of the ten wells are operational. All of the wells discharge into a common transmission line which pumps to the EDR treatment facility with the option of bypassing the EDR treatment and going directly to a finished water storage tank. A description of the wells and pumps appears in Table 2-3.

2.4.3 Secondary Water Irrigation Wells

MWD has three shallow ground water wells that help provide water for the secondary system. Each of the shallow wells are fitted with a pump. All the shallow wells pump to one of the system's secondary water reservoirs. A description of the wells appears in Table 2-4.

Table 2-2) Barton Well Field

Well	Casing Diameter (in)	Well Depth (ft)	Pump HP	Pump Yield (gpm)
Barton No. 1	12	200	125	1,100
Barton No. 2	12	200	200	1,200
Barton No. 3	12	200	100	800
Barton No. 4	12	200	150	1,200
Barton No. 5	12	200	150	1,400
Total All Wells				**5,700**

Table 2-3) Haynes Well Field

Well	Casing Diameter	Well Depth	Pump HP	Yield (gpm)
Haynes Well No. 1	8	75	N/A	Unmetered
Haynes Replacement Well No. 2	20	250	30	1,400
Haynes Well No. 2 Monitoring Well	8	145	Not Pumped	Monitoring Well
Haynes Well No. 3	8	150	N/A	Not Used
Haynes Well No. 4	20	230	125	2,100
Haynes Well No. 5	4	126	N/A	Not Used
Haynes Well No. 6	8	83	Not Used	Not Used
Haynes Replacement Well No. 7	20	250	30	2,100
Haynes Well No. 7 Monitoring Well	8	163	Not Pumped	Monitoring Well
Haynes Well No. 8	12	206	10	1,000
Haynes Well No. 9	8	Unknown	25	700
Source Well Capacity				**7,300**

Table 2-4) Shallow Irrigation Wells

Well	Casing Diameter (in)	Well Depth (ft)	Pump HP	Pump Yield (gpm)
Irrigation Well #1	8	148	20	175
Irrigation Well #2	10	128	30	350
Irrigation Well #3	8	149	20	175
Total All Wells				**700**



Chapter Two: Supply and Storage

2.4 Water Rights

MWD has certified culinary water rights in the amount of 22.16 cfs (cubic feet per second) or 15,595.33 acre-feet (ac*ft) per year. Table 2-5 contains a list of the culinary water rights, including the water right number, location, and value of each water right.

Table 2-6 lists the water rights associated with the secondary water system. MWD has secondary water rights in the amount of 15.87 cfs or 10,265.54 acre-feet per year. Table 2-6 contains a list of the water rights, including the water right number, location, and value of each water right.

2.4.1 Shares

In addition to the well water rights, MWD owns 293 shares of stock in the Utah & Salt Lake Canal. Each share of canal stock allows the District to divert 4.59 acre-feet of water for the Secondary Water System. Therefore, the District can divert up to 1,343 acre-feet of water each year, as calculated below.

293 Shares * 4.59 ac*ft/share = 1,344 ac*ft

Table 2-5) Culinary Water Rights

W.R. NUMBER	LOCATION	STATUS	FLOW RATE (CFS)	VOLUME (AC*FT)
59-1093	Haynes	Perfected	0.29	
59-1094	Haynes	Perfected	0.166	
59-1095	Haynes	Perfected	0.78	
59-1228	Haynes	Perfected	0.29	
59-1285	Haynes	Perfected	1	
59-1286	Haynes	Perfected	0.62	
59-1287	Haynes	Perfected	1	
59-1288	Haynes	Perfected	0.822	
59-1295	Haynes	Approved	1	
59-2910	Haynes	Perfected	0.3275	
59-2955	Haynes	Perfected	0.3275	
59-2956	Haynes	Perfected	0.3275	
59-2957	Haynes	Perfected	0.3275	
59-2958	Haynes	Perfected	0.3275	
59-2959	Haynes	Perfected	0.3275	
59-2960	Haynes	Perfected	0.3275	
59-2961	Haynes	Perfected	0.3275	
59-2815	Haynes	Approved	0.022	
59-4754	Haynes	Approved	1	
	Subtotal Haynes Perfected Rights		**9.61**	6,502.56
59-1289	Barton	Perfected	1	
59-1709	Barton	Perfected	2.5	
59-2504	Barton	Perfected	0.071	
59-2506	Barton	Perfected	0.178	
59-2507	Barton	Perfected	0.178	
59-2508	Barton	Perfected	0.178	
59-2509	Barton	Perfected	0.261	
59-2510	Barton	Perfected	0.261	
59-2511	Barton	Perfected	0.105	
59-2512	Barton	Perfected	0.261	
59-2513	Barton	Perfected	0.105	
59-2704	Barton	Perfected	2.228	
59-2948	Barton	Perfected	0.111	
59-2949	Barton	Perfected	0.111	
59-4399	Barton	Approved	5	
59-5834		Approved		
	Subtotal Barton Perfected Rights		**12.55**	9,092.77
Total All Perfected and Approved Rights			**22.16**	15,595.33

Table 2-6) Secondary Water Rights

W.R. NUMBER	LOCATION	STATUS	FLOW RATE (CFS)	VOLUME (AC*FT)
59-1004	WWTP Outfall – Sec 16	Approved	8	5,791.74
59-3598	Shallow Drains – Sec 22	Approved	1	723.97
59-4802	2600 So. 8000 W	Approved	5	3,619.83
59-1679	130 Locations	Approved	1.87	130
	Total Secondary Water		**15.87**	**10,265.54**

2.5 Reuse as a Water Source

Although new to the District, the Reuse Program has already proven to be an asset to the secondary water system. Bowen Collins & Associates initially projected a reliable yield of 822 acre-feet from the program [8]. In 2025, however, the District slightly exceeded this projection, producing a total of 904 acre-feet of reuse water.

The additional secondary water source has allowed MWD to significantly reduce its reliance on canal water. In previous years, such as 2024, canal usage approached 1,000 acre- feet. In contrast, during 2025 the District used only 410 acre-feet of canal water due to the supplemental supply provided by the Reuse Program (see Table 2-7 for a yearly comparison).

2.5.1 Conservation with Reuse

As a recycled water source, reuse water also provides substantial conservation benefits. MWD obtains the reuse water from the District's treated wastewater flow. By reclaiming and reusing this resource for secondary irrigation purposes, the District conserves both culinary water and other secondary water sources, including canal water and shallow groundwater. This approach maximizes the beneficial use of existing water supplies while supporting long-term water conservation goals.

This reduction in canal dependency is especially important as the secondary water system continues to expand. Increased use of reuse water will allow MWD to further reduce demand on both canal supplies and shallow groundwater wells, helping preserve these resources for future needs and future expansion. Additionally, reuse water is of higher quality than canal water, resulting in reduced maintenance requirements and less frequent flushing of the secondary water system.

Table 2-7) Secondary Yearly Source Summary

	Usage of Each Source (acre-ft)				
Sources	2025	2024	2023	2022	2021
Well No. 1	40.67	231.72	106.6	3.7	162.22
Well No.2	113.5	59.79	158.16	151.49	165.73
Well No. 3	18.13	36.55	59.66	44.41	73.69
WWTP Reuse Facility	903.72	0	0	0	0
Received from Kennecott	10.23	10.36	11.02	10.75	10.71
Utah Salt Lake Canal Co.	409.16	999.04	554.86	565.91	414.65
Total	1495.41	1337.46	890.3	776.26	827.00



Image 4.) MWD's WRF Reuse Supply Pumps



Chapter Two: Supply and Storage

2.6 Future Sources

With a growing community it is important to plan for future sources of supply. MWD has determined multiple new potential sources that can help provide further supply of culinary and secondary water. The expansion of secondary water itself can reduce the use of culinary water which in turn saves this more vital source for drinking water and hygiene purposes, rather than the irrigation of landscapes.

2.6.1 Potential Future Reuse

Reuse is a prime example as it will continue to grow as the community grows and sewer flows rise. The limiting factors of Reuse are storing the water and the secondary system itself. Expanding the secondary system and storage of this reuse water should be a priority of the Districts development. From MWD's Master plan, reuse water has been determined to have the potential maximum yield of 1535 acre-ft [8].

2.6.2 Potential Future Shallow Water

There is also the potential to expand the shallow ground water wells with a total available water rights of 2200 acre-ft. These shallow wells will reduce the costs for transmission piping while also providing more secondary water to the system. With more secondary water it allows MWD to further expand the system and provide an alternative to using culinary water.

2.6.3 Other Potential Future Sources

Another potential future source that Bowen Collins & Associates acknowledges in MWD's 2025 Master plan of the District's water system would be the future Little Valley and Kennecott Foothill developments. Kennecott may have water rights and water sources that can help provide a water supply to those developments as their production shifts. This opportunity could theoretically provide 1115 acre-ft/year for Kennecott foothills and 1622 acre-ft/year for Little Valley. Within these theoretical numbers it was assumed that it would first be used to supply culinary water and the rest would be used to supply secondary [8].

Table 2-7 summarizes these potential future sources from the 2025 Master Plan [8]. These sources can be beneficial to the growth and progression of MWD while also providing further sourcing for secondary water which eases the need for using culinary water for irrigation.

Table 2-8) Summary of Estimated Potential Future Sources

Source	Reliable Annual Capacity (acre-ft)	Reliable Culinary Annual Capacity (acre-ft)	Reliable Secondary Annual Capacity (acre-ft)
Additional Reuse Water	-	-	713
Additional Shallow Wells	-	-	1913
Little Valley (JVWCD Budget)	1234	1234	388
Kennecott Foothills	880	880	235
Total	2114	2114	3249



Chapter Two: Supply and Storage

2.7 Current Storage Facilities

MWD has seven (7) culinary water storage tanks with a combined storage capacity of approximately 18 million gallons (MG). This storage volume helps the District meet peak water demands during high-usage summer days. The reservoirs vary in size and construction type, ranging from above-ground steel tanks to underground concrete tanks (see images 5 and 6).

For MWD's secondary water system, the District maintains two (2) storage reservoirs with a combined capacity of approximately 12 MG. As future growth and expansion occur, the District will need to evaluate additional storage capacity to meet increasing demand.

2.8 Future Storage Facilities

Currently MWD has been moving to expand the secondary water system. This would then require further storage facilities which helps deal with the peak flows during the summer months of the irrigation season. The storage facilities also will need to be designed in a place that allows the District to pump up to the storage facility which then would provide the needed pressure into the system.

Soon, MWD will complete the development of a new secondary water reservoir for Zone 3 of the secondary water system (see image 7). This additional storage will provide an extra 6 MG which brings the total secondary water storage to 18 MG.



Image 5.) Zone 3, 0.75 MG Underground Tank



Image 6.) Zone 1, 1.5 MG and 0.5 MG Tanks



Image 7.) Zone 3 Secondary Reservoir Construction



Chapter Two: Supply and Storage

2.9 Conclusion

In summary, MWD benefits from a diverse and reliable water supply system supported by multiple water sources and a variety of storage facilities. Maintaining this level of service requires careful management of each supply source, as the availability, quality, and long-term sustainability of these resources differ. For the culinary water system, it is essential that the District continues to monitor water demand trends, evaluate system performance, and assess the condition and productivity of its well fields to ensure a dependable supply for current and future customers.

For the secondary water system, continued expansion and increased utilization of reuse water opportunities can play a significant role in conserving valuable culinary water supplies. Maximizing the use of reclaimed and secondary water resources not only reduces demand on potable water sources but also helps preserve canal water supplies and strengthens the District's overall water resiliency. As the District grows, ongoing planning, infrastructure investment, and resource management will be critical to maintaining a sustainable, efficient, and reliable water system for future generations.



Chapter Three: Present and Future Demand

3.1 Introduction

As MWD serves a growing and developing community, it is important to plan for future demands to ensure that the District's infrastructure remains capable of meeting community needs. The master plan study conducted by Bowen Collins & Associates [8] provides guidance for future infrastructure planning and helps the District identify conservation measures needed to achieve its established conservation goals.

Annual raw water, culinary water, and secondary water demands are compared with annual water supplies in the following figures. These figures also assume a 35 percent reduction in water use between 2020 and 2065. These figures also assume an 18 percent reduction in outdoor use [8]. Several observations can be made from the figures and can be seen in the following sections.

3.2 Raw and Culinary Demands

Raw water supplied by the District's well fields is the primary source for the District's culinary water system. As the District continues to grow, it is important to evaluate the ability of these sources to meet future demands and support ongoing development.

3.2.1 Raw Water Demand

The District's raw water sources have been shown to be adequate to meet current and projected demands. The 2025 Master Plan concluded that, with the District's continued

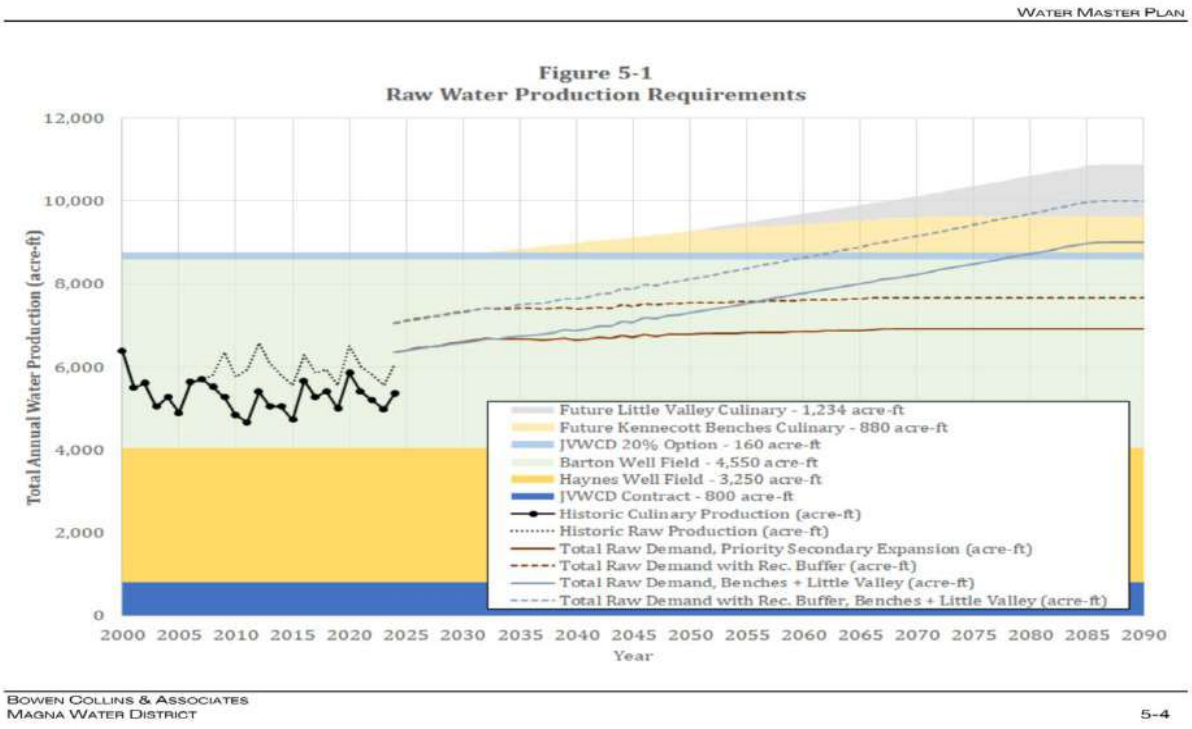


Figure 3-1) Raw Water Production

focus on expanding the secondary water system and implementing ongoing conservation measures, the District will be able to meet long-term water demands, as illustrated in Figure 3-1 (Figure 5-1 in the 2025 Master Plan) on page 16 [8].

In Figure 3-1, the lines represent projected water demands under several planning scenarios, while the colored shaded areas represent the District's existing and potential future production capacity. The figure demonstrates that available raw water supplies are sufficient to meet anticipated future demand.

3.2.2 Culinary Water Demand

The District's culinary water outlook is like its raw water outlook. The 2025 Master Plan concluded that, with the District's continued emphasis on expanding the secondary water system and implementing ongoing conservation measures, the District will be able to meet long-term culinary water demands, as shown in Figure 3-2 (Figure 5-2 in the 2025 Master Plan) [8].

Like the previous figure, the lines represent projected water demands under several planning scenarios, while the colored shaded areas represent the District's existing and potential future production capacity. The figure indicates that the MWD's current and anticipated future water supplies are sufficient

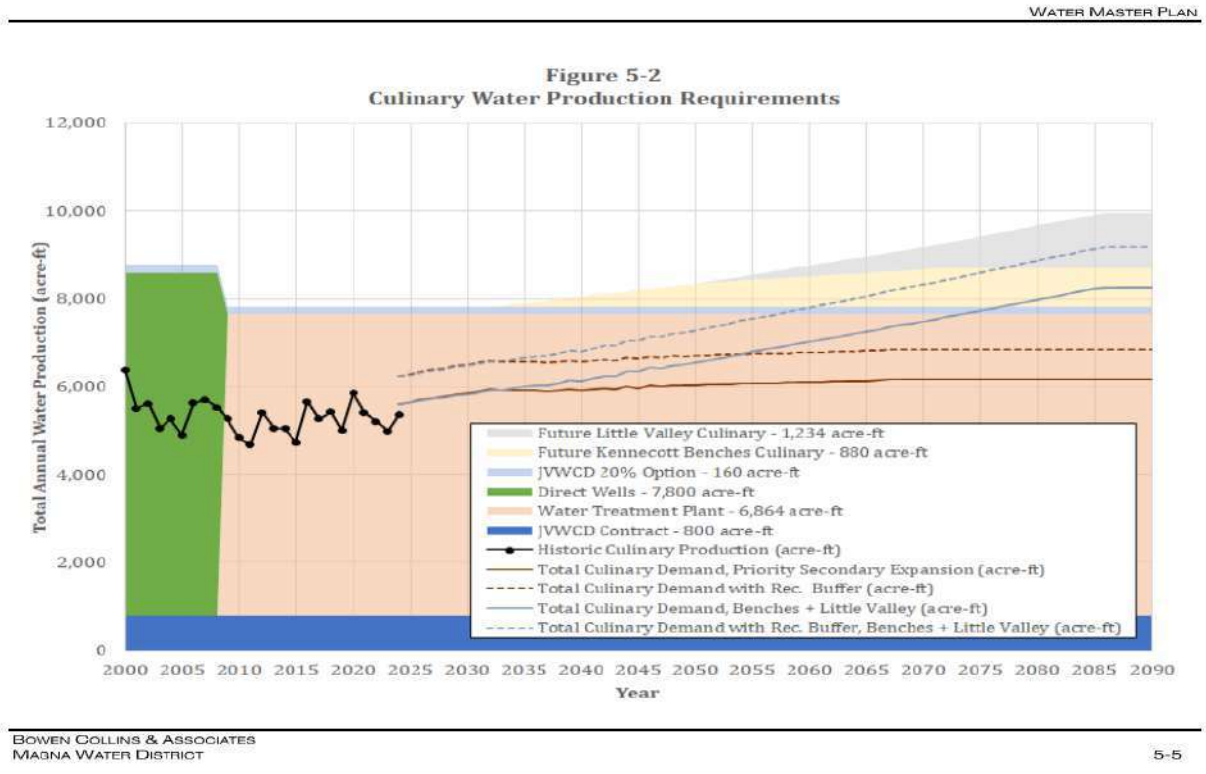


Figure 3-2) Culinary Water Production

to meet projected culinary water demands throughout the planning period [5].

3.2.3 Secondary Water Demand

The secondary water outlook is also like that of the Districts culinary and raw water production. It was concluded in the 2025 Master Plan that with the current addition of reuse the District has more than adequate secondary water production to meet future demands. The reuse system, however, has not grown to its full yield so there will be some usage required from the districts canal water rights or further expansion of the shallow water wells. Figure 3-3 (figure 5-3 in the 2025 Master Plan) on this page, shows the secondary water demands and production. Like the previous two figures, the lines represent the demands for multiple different scenarios while the colored shaded areas represent the production capacity the District has and can potentially have.

3.3 Conclusion

It is important to compare the District's production capacity with projected system demands. Through expansion of the secondary water system and continued conservation efforts, MWD has demonstrated a strong ability to meet future water needs. However, maintaining this positive outlook will require ongoing conservation and infrastructure development.

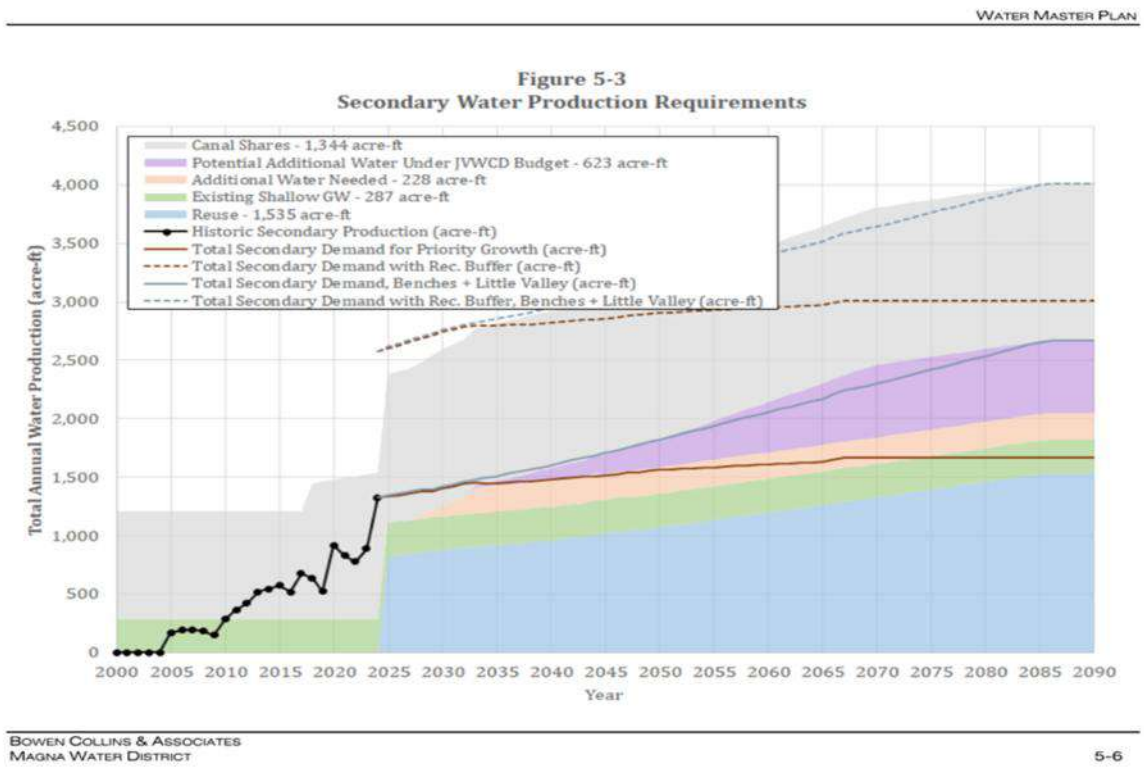


Figure 3-3) Secondary Water Production



Chapter Four: Measurement and Water Loss

4.1 Introduction

MWD measures the water produced from the wells with flow meters. Once the water has left the wells, it either enters the EDR plant for treatment or goes to a finished blend storage tank. The treated water ends up in the finished blend storage tank when the treatment process is complete. Once the water leaves the finished blend tank the volume is measured by another flow meter and recorded as the "finished blend". The water is then distributed through the system.

4.2 Water Measurement

Each end user's usage in the District is measured and tracked by a water meter. The District is made up of 96% residential, 3% commercial and 1% industrial and institutional culinary connections. The secondary water system is metered and tracked at the customer's connection to monitor usage, the secondary water system is in the District consists of 95% residential, 2.5% institutional, and 2.5% commercial and industrial connections. Each meter is read electronically by the District monthly and billed to the user accordingly.

Statistics indicate meters larger than 1.5", specifically larger flow meters lose their accuracy by at least 50% after 10 years. M W D has implemented a meter replacement program to replace the larger meters to continue to measure the usage accurately. Most larger meters were not replaced until the first part of 2021. Residential meters (3/4-inch or 1- inch) do not lose their accuracy as fast as the larger meters do. However, the District has replaced nearly all the older meters so that roughly 100% of the meters in the system are 10 years and younger.

4.3 Water Loss Control

Unaccounted for water has been a major concern of MWD. There are explanations for unaccounted water, such as well maintenance & flushing, distribution system maintenance, fire flow testing, new construction (Magna Water District projects & new homes) and unmetered main line breaks and leaks. Tables 4-1 and 4-2 show the water loss recorded for the last 4 years for the culinary and secondary water systems [7,10].

Table 4-1) Culinary Estimated Water Loss

Year	Total From Sources	Total Retail Use	Total Wholesale	Estimated Water Loss %
2021	6014.233	4216.4	604.19	19.85%
2022	5816.11	3959.66	609.97	21.43%
2023	5555.3	3990.59	573.47	17.84%
2024	6135.32	4509.29	630.04	16.23%
2025	6619.57	4666.72	633.92	19.92%

Table 4-2) Secondary Estimated Water Loss

Year	Total From Sources	Total Retail Use	Total Wholesale	Estimated Water Loss %
2021	827	443.59	0	46.36%
2022	776.26	508.23	0	34.53%
2023	890.3	594.85	0	33.19%
2024	1337.46	809.29	0	39.49%
2025	1495.41	946.97	0	36.67%



Chapter Five: Billing and Rates

5.1 Introduction

In the fall of 2024 MWD began to update its master plan, impact fee facilities study and a new rate study. Currently the new rates are not finalized or adopted by the District's board. It is expected that the new rates will be adopted in January of 2027 and will go into effect later that year. Currently the District is using the previously determined values from the fall 2019 study that was adopted in January 2022.

The District has had an aggressive tiered rate structure since 2014, promoting water conservation and to incentivize the use of secondary water to those users who have access to secondary water. The current adopted rate structure can be seen in the following sections.

5.2 Current Culinary Billing Rates

Table 5-1 shows the current billing rates that the District is using. The culinary rates include the fluoride rate but as of May 2025, Utah House Bill 81 banned community fluoridation [11]. So, the Fluoride rate is no longer used in the billing process.

This rate system helps the conservation of water by having a tiered system with higher and higher rates depending on usage which will help turn users away from using excessive amounts of water.

5.3 Current Secondary Billing Rates

Table 5-2 on page 21 shows the secondary billing rates that the District is currently using. What is vital about these rates is how the District wants to promote the use of secondary water for the use of irrigation. The rates for secondary water use are notably less than the rates designated for culinary water. This helps economically incentivize users that have access to secondary water to use the secondary water for outdoor watering rather than the more vital culinary supply. The rates for Secondary water are also highly varied based on lot and irrigation acreage of the properties that use it allowing for equitable flexibility.

Table 5-1) Culinary Water Rates 2021-2026

Culinary Water Rates:						
Tier	Description					
Tier 1/Base Rate	Minimum Fee, includes first 6,000 gallons per month					
Tier 2	Rate per 1,000 gal. between 6,001 & 18,000 gal./mon.					
Tier 3	Rate per 1,000 gal. between 18,001 & 35,000 gal./mon.					
Tier 4	Rate per 1,000 gal. over 35,000 gal./mon.					
Tier	2021	2022	2023	2024	2025	2026
Tier 1	$19.12	$20.08	$21.08	$22.14	$23.25	$23.95
Tier 2	$2.08	$2.18	$2.29	$2.40	$2.52	$2.60
Tier 3	$2.33	$2.45	$2.57	$2.70	$2.84	$2.93
Tier 4	$2.65	$2.78	$2.92	$3.06	$3.22	$3.32

(Fluoride Rate included in Tier 1/Base Rate above)

2021	2022	2023	2024	2025	2026
$1.02	$1.07	$1.12	$1.18	$1.24	$1.28



Chapter Five: Billing and Rates

5.4 Conclusion

As MWD continues to develop new water rates in the coming months, it will be important to maintain this incentive for secondary water use as the system expands. Keeping the rates tiered and economically incentivizing for MWD's customers will support both water conservation efforts and the overall well-being of the community.

Table 5-2) Secondary Water Rates 2021-2026

Secondary Water Rates:						
Residential						
Base Rate and Usage for Lot Sizes 0.00 to 0.24 acres						
Tier	Description					
Tier 1/Base Rate	Minimum Fee per month year-round regardless of usage					
Tier 2	Rate per 1,000 gal. for first 22,000 gal./month (Seasonal)					
Tier 3	Rate per 1,000 gal. between 22,001 & 37,000 gal./month (Seasonal)					
Tier 4	Rate per 1,000 gal. over 37,000 gal./month (Seasonal)					
Tier	2021	2022	2023	2024	2025	2026
Tier 1/Base Rate	$5.69	$4.50	$4.50	$4.50	$4.50	$4.64
Tier 2	$0.87	$0.99	$1.05	$1.12	$1.20	$1.24
Tier 3	$1.03	$1.17	$1.25	$1.33	$1.42	$1.46
Tier 4	$1.56	$1.77	$1.89	$2.01	$2.15	$2.21
Base Rate and Usage for Lot Sizes 0.25 to 1.0 acres						
Tier	Description					
Tier 1/Base Rate	Minimum Fee per month year-round regardless of usage					
Tier 2	Rate per 1,000 gal. for first 45,000 gal./month (Seasonal)					
Tier 3	Rate per 1,000 gal. between 45,001 & 75,000 gal./month (Seasonal)					
Tier 4	Rate per 1,000 gal. over 75,000 gal./month (Seasonal)					
Tier	2021	2022	2023	2024	2025	2026
Tier 1/Base Rate	$5.69	$5.70	$6.75	$7.85	$9.00	$9.27
Tier 2	$0.87	$0.99	$1.05	$1.12	$1.20	$1.24
Tier 3	$1.03	$1.17	$1.25	$1.33	$1.42	$1.46
Tier 4	$1.56	$1.77	$1.89	$2.01	$2.15	$2.21
Lot Size: 0.25 to 0.49 acres	(Multiply Base Rate and Usage by 1)					
Lot Size: 0.50 to 0.99 acres	(Multiply Base Rate and Usage by 2)					
Lot Size: 1.00 acre or more	(Multiply Base Rate and Usage by 5)					
Residentials lots greater than 0.49 acres may request the District to evaluate the lot's actual irrigable acreage. The base rate will be calculated by a multiplier (rounded to the next whole number) in increments of 0.20 acres.						
Commercial						
Tier	Description					
Tier 1/Base Rate	Minimum Fee per month year-round regardless of usage					
Tier 2	Rate per 1,000 gal. for first 45,000 gal./month (Seasonal)					
Tier 3	Rate per 1,000 gal. between 45,001 & 75,000 gal./month (Seasonal)					
Tier 4	Rate per 1,000 gal. over 75,000 gal./month (Seasonal)					
Tier	2021	2022	2023	2024	2025	2026
Tier 1/Base Rate	$5.69	$5.70	$6.75	$7.85	$9.00	$9.27
Tier 2	$0.87	$0.99	$1.05	$1.12	$1.20	$1.24
Tier 3	$1.03	$1.17	$1.25	$1.33	$1.42	$1.46
Tier 4	$1.56	$1.77	$1.89	$2.01	$2.15	$2.21
District will determine irrigation area based on approved plans which will then be used to determine the secondary water rate applied to the lot. The base rate will be calculated by a multiplier (rounded to the next whole number) in increments of 0.20 acres.						



Chapter Six: Water Use and Goal for Conservation

6.1 Introduction

In 2015 the Utah Division of Water Resources created a GPCD goal for Salt Lake County. That goal remains to be 187 GPCD (gallons per capita per day) by 2030 [12]. With this initiative MWD set its own goal to reduce its water use significantly by 2020.

6.2 Past Goal

The past goal set by MWD in 2015 was to reduce the GPCD from 158 GPCD to 142 GPCD by 2020, an overall reduction of 10%. The District almost made this goal with achieving 145 GPCD. The Goal was then set to reach 142 GPCD by 2025 with a further 10% reduction through the year 2060 (10% over 35 years).

6.3 Analysis of Current GPCD

Over the past 5 years since the previous water conservation plan, MWD has kept track of both population estimates and usage. From this the District derived the GPCD values. The values are summarized in figure 6-1.

From figure 6-1, MWD was not able to achieve the goal of 142 GPCD but the District achieved a value of 143 GPCD.

6.3.1 Current GPCD

From the population and water usage data MWD determined that the latest GPCD was 143 GPCD for 2025. Table 6-1 shows the estimated values that make up the GPCD. This table can be compared to the previous water conservation report values for 2020, those values can be found in Table 6-2.

Table 6-1) 2025 GPCD By Type

2025 GPCD by type				
	Indoor	Outdoor	Secondary	total
Residential	40.55	60.83	12.30	113.68
Commercial	5.03	7.54	3.45	16.02
Inst/Indus	2.01	3.02	8.39	13.43
total	47.59	71.39	24.14	143.13

Table 6-2) 2020 GPCD By Type

2020 GPCD by type				
	indoor	Outdoor	Secondary	total
Residential	43.91	65.87	7.06	116.84
Commercial	5.56	8.35	3.12	17.03
Inst/Indus	2.02	3.03	6.46	11.51
total	51.50	77.25	16.64	145.39

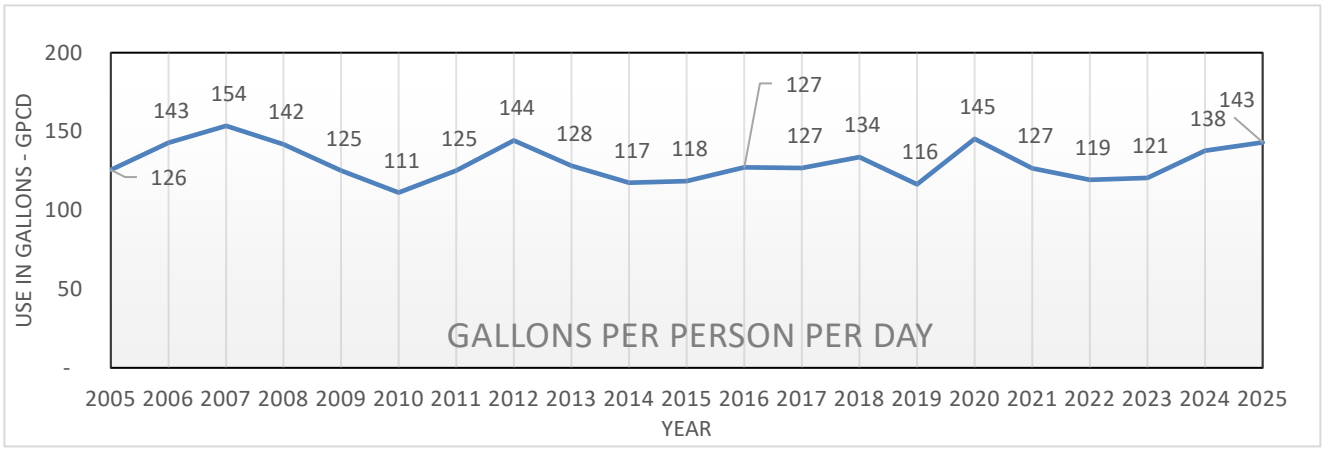


Figure 6-1) GPCD vs Time



Chapter Six: Water Use and Goal for Conservation

As shown in the tables on page 22, there has been a slight improvement in overall water conservation. A key trend to examine is the relationship between secondary water usage and culinary water usage.

The 2020 GPCD data shows that secondary water use was lower across all service areas. By 2025, however, secondary water use had increased, while culinary water use experienced an overall decline. This inverse relationship suggests that increased availability of secondary water may be helping reduce demand on the culinary water system.

While it is difficult to determine the exact cause of the decrease in culinary water usage, it is likely the result of multiple factors. Further Conservation efforts made by both MWD, and its customers may have contributed to the reduction. At the same time, the expansion of the secondary water system may have allowed more irrigation demand to be met with secondary water rather than culinary water.

Therefore, it is reasonable to conclude that both increased conservation and expanded secondary water infrastructure have played a role in reducing culinary water use. As the secondary system continues to grow, reliance on culinary water for irrigation will continue to decrease, further supporting long-term water conservation goals. This is especially true with the reuse program as it recycles water from a reliable source and will allow MWD to conserve secondary water from the canal, shallow wells, and culinary water from MWDs culinary system.

6.3.2 GPCD vs Population

Figure 6-2 on page 24 illustrates the relationship between population growth and GPCD over time. Despite continued population growth within MWD's service area, overall water use has remained relatively stable since 2020. This indicates that the District has been successful in maintaining a predictable water-use pattern while accommodating an increasing number of customers.

Under normal circumstances, water demand would be expected to increase as the population grows. However, the relatively stable GPCD values suggest that the District's conservation efforts and water-use efficiency programs have helped reduce the impacts of population growth. The slight reductions in per capita water use observed over time provide evidence that these measures have had a positive effect.

While these results are encouraging, opportunities for improvement still exist. Additional conservation measures and continued public outreach may help further reduce per capita water use in the future.

6.4 New District Goal and Conclusion

Building on the goals established in the 2021 Water Conservation Plan, MWD has adopted a primary conservation target of reducing per capita water use by an additional 10 percent between 2025 and 2060. Achieving this target would lower water use from 143 gallons per capita per day (GPCD) to 128 GPCD by 2060, with an interim milestone of 141 GPCD by 2030. Based on recent conservation trends and program performance, this goal appears achievable and provides a realistic path for continued water-use efficiency.

In addition to this primary target, MWD will pursue a more ambitious long-term conservation objective based on recommendations from the 2025 Master Plan [8]. The Master Plan identified a goal of reducing water use by 35 percent from the 2020 baseline of 145 GPCD by 2065. Achieving this level of conservation would result in a demand of approximately 94 GPCD by 2065, representing a total reduction of 51 GPCD. While this aspirational goal may be challenging to attain, striving toward it will help minimize future infrastructure needs, reduce long-term capital and operational costs, and maximize the conservation of the District's water resources.

As a result, MWD will use the 94 GPCD target as a high achievement benchmark, while maintaining the 128 GPCD target as its primary planning and performance goal.

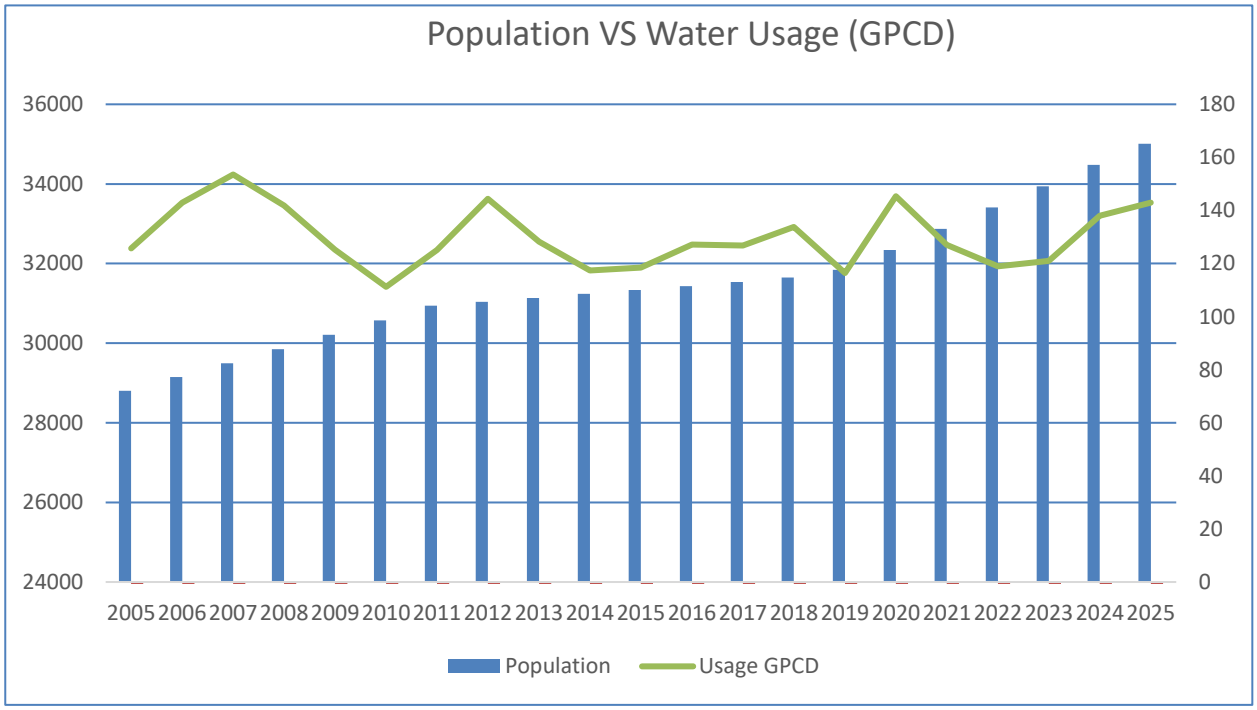


Figure 6-2) Population vs Water Usage (GPCD)



Chapter Seven: Conservation Practices and Outreach

7.1 Introduction

MWD practices a variety of conservation practices to better achieve its goals. From education, community engagement, and incentives, the District applies as many strategies as possible to achieve the most effective results.

7.2 Coordinator and Staff

MWD does not have the resources or revenue to hire a single coordinator or staff position to devote all their time for water conservation programs. The District makes it a team effort as much as possible. Table 7-1 shows the executive staff of the District.

7.3 Public Education and Outreach

MWD has always been committed to open dialogue with its customers by raising public awareness and using various communication tools including open Board meetings, annual consumer confidence reporting, an open-door policy to meet with District management, and intermittent communication in the monthly water statements.

7.3.1 Conservation Garden

Back in 2016 Magna Water District built a new general office building which includes a conservation garden as part of the site. The conservation garden is like Jordan Valley Water Conservancy District's Garden but on a smaller scale with water wise plants, displays, solar panels and conservation information (see images on the next page).

Recently, MWD has had the intention to renovate the current Conservation Garden with additional signage and improved exhibits. Currently the plans are at 100% design and can be found in appendix Item C. The hope is that this project will make the garden more effective at educating the public of water efficient gardening.

7.3.2 Public Outreach

MWD's website offers tips on conservation, contact information, news releases, a comment section, newsletters, and other resources [13]. The District offers

Table 7-1) MWD Executive Staff

Name	Position	Phone Number	Email Address
Clint Dilley	General Manager	801-250-2118	clintd@magnawaterut.gov
Steve Clark	Water Operations Manager	801-250-2118	stevec@magnawaterut.gov
Trevor Andra	District Engineer	801-250-2118	trevor@magnawaterut.gov
Leisle Fitzgerald	District Controller	801-250-2118	leisle@magnawaterut.gov
Dallas Henline	Wastewater Operations Manager	801-250-2118	dallas@magnawaterut.gov
Andrew Sumsion	HR Manager	801-250-2118	andrews@magnawaterut.gov

suggestions to customers on managing their water needs and provides customers with updates on implementation of low flow water devices throughout the District.

MWD partners with Jordan Valley Water Conservancy District in notifying MWD's customers of local resources and schedules for water conservation and landscaping classes. The District also partners with JVWCD in offering customers the availability of outside water audits.

MWD collaborates with local schools in teaching students simple gardening techniques for responsible irrigation of vegetable crops and flower beds when possible. Images 10 and 11 show some of those educational events.

7.4 Programs and Incentives

MWD currently has two conservation programs that will continue into the near future. Those being the secondary water expansion and the Districts meter replacement schedule.



Image 8.) MWD Conservation Garden Sign



Image 9.) MWD Conservation Garden



Image 10.) Career Fair Education Event



Image 11.) Elementary School Conservation Presentation



Chapter Seven: Conservation Practices and Outreach

7.4.1 Secondary and Reuse Water System

The largest conservation program MWD has is the secondary water system. MWD's system is unique in that all users have water meters. With the secondary system being metered it allows for users to manage their water use more carefully. Other secondary water systems that do not have meters often see abuse or wasting of water

Along with meters, the District also utilizes its recently finished reuse program where wastewater effluent from the District's Wastewater Treatment Plant is treated to secondary water standards and reused in the District's secondary water system. This allows for the District to reduce canal usage and thereby conserve not only culinary water but that canal water which can be saved for future needs or applications.

7.4.2 Meter Replacement Schedule

The District has continued replacing inefficient water meters with state-of-the art automated reading meters. This action will allow MWD to reduce field work orders by 15% provide improved accuracy in water usage reading, enhance customer service and response times, and utilize MWD's workforce for other innovative District projects. The District has replaced approximately 100% of the meters that were over ten years old, being replaced with the newest metering technology supplied by Neptune Technology Group. The District continues to maintain the older meters that are still in the system on a quarterly basis to ensure that the meter is still monitoring the customer's usage.

7.5 Ordinances and Standards

On April 13, 1999, the District adopted and implemented a water conservation plan pursuant to Utah Code Annotated § 73-10-32. This resolution allows us to "promote the wise and efficient use of water so as to protect and preserve this valuable" resource.

During times of drought and other emergency issues, The District has implemented and monitor the following irrigation schedule:

Water Conservation and Restrictions

The District has the following four distinct levels of water conservation requirements, restrictions, and penalties that may be imposed by the District's Board of Trustees, in any order or sequence:

Level 1 Voluntary Water Conservation

This includes the three-tiered water rate structure which encourages the conservation of water through pricing. It also includes conservation awareness and education efforts, and all other voluntary efforts by the District and/or the public to conserve and make wise use of this limited resource.

Level 1 is always in effect, unless a higher level has been imposed, and there are no notice requirements associated with Level 1. Level 1 encourages voluntary water conservation practices such as:

- No outdoor watering during the heat of the day
- Efficient sprinkler systems
- Use of drought-tolerant plants and grasses
- Use of low-use water fixtures; and
- Any other means of reducing the use of water



Chapter Seven: Conservation Practices and Outreach

As a general and ongoing conservation requirement, it is the policy of the District that no outdoor watering shall be allowed with water provided by the District between the hours of 10:00 AM and 6:00 PM, except in special, temporary situations where frequent watering's are required, such as with newly planted lawns.

Level 2 Mandatory Water Conservation

This includes directives imposed by the District's Board of Trustees which limit the manner of use, but not directly the quantity of use, such as limitations as to the time of day and/or the days of the week when outdoor water is permitted.

Notice of Level 2 requirements shall be given by mail to the billing addresses or by publishing once a week for two weeks in a newspaper of general circulation locally. The four-step enforcement procedure associated with this level is as follows:

1. Upon the first violation, the District shall send a Notice of Violation by regular mail to the billing and service addresses for the subject property and shall include a copy of this Section 9.19.3 and any other appropriate conservation information. This step will be used to educate users to assist in the changing of water use habits.

2. Upon the second violation, the District shall hand-deliver a Warning Letter setting forth the specific requirements violated and any measures that must be taken in order to avoid further violations. This warning shall also state that violation fees will be imposed on all subsequent violations in that calendar year.

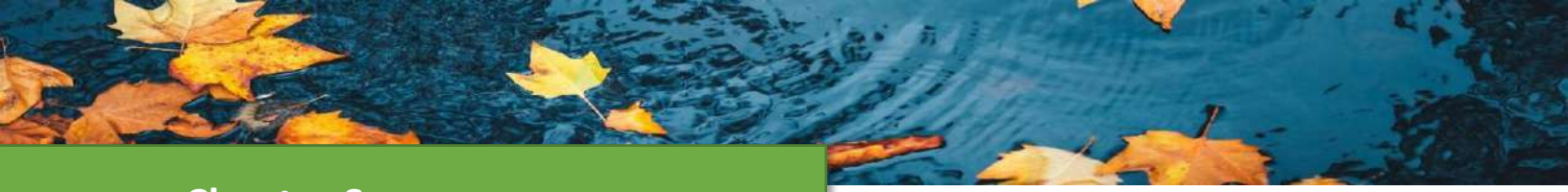
3. Upon the third violation, the District shall impose a Conservation Violation Fee as set forth in the District's Fee Schedule and notice of the assessment of the violation fee shall be given by regular mail to the billing and service addresses of the subject property.

For each subsequent violation, the District shall impose a violation fee that is twice the amount of the Conservation Violation Fee set forth in the District's Fee Schedule. Notice of the assessment of the violation fee shall be given by regular mail to the billing and service addresses of the subject property.

Level 3 Mandatory Water Restrictions

This includes directives imposed by the District's Board of Trustees which limit the quantity of use of water by the adoption of temporary, emergency increases in the third tier, or the second tier and the third tier, of the District's water rate structure, and/or other restrictions imposed by the Board, such as temporary bans on the installations on new lawns which will require intensive watering. The amount of the increase shall include a water restriction violation fee and the increased rates shall apply to all water usage in the tier(s) upon which the increased rates are imposed.

Notice of Level 3 Restrictions shall be by direct mailing to the billing and service addresses following a duly noticed public hearing as required for a rate increase. The Resolution imposing Level 3 restrictions shall state when the increase rates and other Level 3 restrictions expire.



Chapter Seven: Conservation Practices and Outreach

Level 4 Emergency Water Restrictions

This may include restrictions in both the quantity and/or the manner of use of water, such as no outdoor watering, or outdoor watering for a limited time or times each week, or such other restrictions as the Board of Trustees deems is appropriate under the specific conditions and circumstances. The District shall give whatever notice is practical under the circumstances, including announcements through the radio, television, and/or daily print media, followed up by direct mailing to the billing and service addresses and a duly noticed public hearing as soon as possible. Level 4 Restrictions may be for a fixed period of time or until the Board of Trustees revokes them. The three-step enforcement procedure at this level is as follows:

1. Upon the first violation, the District shall mail a Notice of Violation by regular mail to the billing and service addresses for the subject property and shall hand- deliver a copy thereof to any owner, resident, employee or agent that can be found at the subject property. This warning shall set forth the specific requirements violated and any measures that must be taken in order to avoid further violations. A copy of this Section 9.19.3 and of the Resolution imposing the Level 4 restrictions shall be included with the notice. This warning shall also state that violation fees will be imposed on all subsequent violations in that calendar year and that water service may be suspended upon or after the third violation.

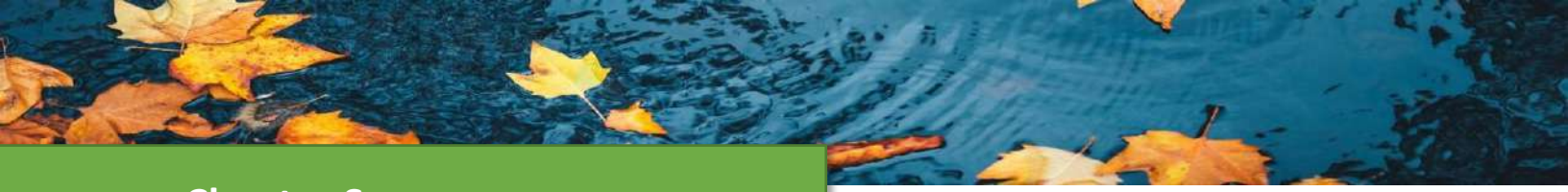
2. Upon the second violation, the District shall impose a Conservation Violation Fee as set forth in the District's Fee Schedule and any additional fees set forth in the Resolution

3. imposing the Level 4 restrictions. The District shall also mail a Notice of Serious Violation by regular mail to the billing and service addresses for the subject property and shall hand-deliver a copy thereof to any owner, resident, employee, or agent that can be found at the subject property. This Notice shall set forth the specific requirements violated and any measures that must be taken in order to avoid further violations and/or suspension of service.

4. Upon any subsequent violations, the District shall impose the Serious Violation Fee set forth in the District's Fee Schedule and the District Manager shall determine whether and when suspension of service is appropriate under the circumstances. The District shall provide notice by mail to the billing and service addresses of each such Serious Violation Fee imposed and/or that water service has been suspended.

Violations must be duly verified by a District employee. Each day that a violation continues is considered to be a new violation. The number of violations received is calculated on calendar year basis. Violations at one level are not counted in the violation total of any other level. All violation fees will be assessed on the culinary water bills. Where hand-delivery is specified in this Section 9.19.3, if the District's staff is unable to locate the water user during three attempts to do so, the required delivery may be made by regular mail to the billing and service addresses.

Magna Water District does not have land use authority, however, we participated in the development of the West Valley City Landscape Ordinance (see Appendix D). Magna Water District provides services to Magna Metro



Chapter Seven: Conservation Practices and Outreach

Township within Salt Lake County, and parts of West Valley City. The District may set policies and procedures, however, in order to enforce water wise landscaping, change any type of business license requirements, or to require landscape contractors to attain specialized training in water conservation measures, the District has to work with Salt Lake County, Magna Metro Township, and West Valley City's Development Divisions to incorporate those requirements in their ordinances. In 2004, the District and West Valley City developed the City's Landscape Ordinance.

7.6 Conclusion

In summary, MWD includes extensive strategies and programs that provide public outreach, education on water conservation, and incentives to help create further conservation in the District's service area. MWD also has ordinances and standards that can allow the district to further conserve water in emergency situations.



Chapter Eight: Future Conservation plans and Implementation

8.1 Introduction

As the District strives to reach its conservation goals it will have to continue to develop programs and incentives for its customers. The highest priority of which would be the expansion of the secondary water system. Along with that, the creation of water source reliability and redundancy are also a high priority.

8.2 Secondary Water Expansion

The expansion of the District's secondary/reuse water has been a high priority of MWD. With expansion of the reuse program MWD can help negate the use of canal water while also recycling the wasted water from the District's sanitary sewer system. Pushing this forward will need to be a balancing act. If the Secondary system grows too quickly the District might not have enough secondary water to supply the system. The reuse program, as stated in previous sections, will need time to fully mature and gain its full yield as it grows with the population.

8.2.1 Incentives

To help motivate secondary water use MWD provides an economic incentive for its users. Secondary water rates are lower than the Districts culinary rates (see Chapter Five: Billing and Rates) and will be set up that way for the near future.

8.2.2 Balancing Act of Expansion

As recommended by Bowen Collins & Associates [8], the District will require secondary water expansion with new developments while having an initial pause on expansion of the system in the existing developments. This will allow for the District to reach that balancing act of reducing culinary use without over developing unnecessary elements.

8.2.3 Future Storage Developments

Currently to accommodate future secondary flows the District is nearing completion of the development of the Zone 3 Secondary Water Reservoir. This is in hopes to further add reliability to the reuse resource and secondary water resources in general.

8.3 Conclusion and Implementation

As the secondary and reuse system expands, the District will have to develop greater amounts of infrastructure. This in turn will require that balancing act of expansion where MWD will have to balance the needed reduction in culinary use with economic costs of expanding the secondary system.

8.3.1 Implementation Summary

Well before the Water Conservation Plan Act passed, MWD was initiative-taking in setting an example for effective and practical water usage. From innovative master planning to progressive technologies to improve production and efficiency, MWD will continue to implement the following:

1.) Protect its water systems and preserve its water rights through constant monitoring and research.
2.) Research funding sources for system expansions and developments.
3.) Educate the public through diversified communication efforts; and
4.) Provide exceptional customer service so MWD can be a trusted resource for MWD's customers.

Appendices

Appendix A – References

Appendix B – Image References

Appendix C – 100% Conservation Garden Design Plans

Appendix D – West Valley City Landscape Ordinance

Appendix A – References

Appendix A – References

References

[1] D. Ownes, Committee of Consumer Services Sunset Amendments. 2025. [Online]. Available:

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[2] J. Teuscher, Metro Township Modifications. 2024. [Online]. Available:

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[4] Water Rights Utah, "Annual Retail Connection Info", 2025.

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[5] Water Rights Utah, "Annual Water Use Connections", 2025.

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[8] Bowen and Collins, "Magna Water District Water Master Plan", 2026.

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[9] Lambert, P., 1995, Numerical simulation of ground-water flow in basin-fill material in Salt Lake Valley, Utah: Technical Publication 110-B, vi, 58 p.

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[11] S. Gricius, Fluoride Amendments. 2025. [Online]. Available:

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Appendix A – References

[12] “Regional Water Conservation Goals – Conserve Water Utah,” Utah.gov, 2025.

https://conservewater.utah.gov/regional-water-conservation-goals/

[13] “Conservation and Drought Info | Magna Water District,” Magna Water District, 2022.

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Appendix B – Image References

Appendix B – Image References

Image References

Title Page

1.) Reuse building

https://clients.ruralwaterimpact.com/images/images_rwi/rwi_1345_MWD_Reuse_Pump_Station-740004_1352902479_2731.jpg

2.) Reservoir Development

https://clients.ruralwaterimpact.com/images/images_rwi/rwi_1345_dji_fly_20260513_133254_163_1778701184386_photo_1352902479_6760.jpg

3.) Career Fair

https://clients.ruralwaterimpact.com/images/images_rwi/rwi_1345_image31_1352902479_6565.jpeg

Plan

Image 1

https://www.wvcjournal.com/2024/06/06/494214/magna-from-township-to-official-city-status

Image 2

https://clients.ruralwaterimpact.com/images/images_rwi/rwi_1345_IMG_20201202_143220_1352902479_2288.jpg

Image 3

https://clients.ruralwaterimpact.com/images/images_rwi/rwi_1345_P3310012_1352902479_4687.jpg

Image 4

https://clients.ruralwaterimpact.com/images/images_rwi/rwi_1345_MWD_Reuse_Pump_Station-749953_1352902479_6066.jpg

Image 5

https://clients.ruralwaterimpact.com/images/images_rwi/rwi_1345_P3080164_1352902479_9041.jpg

Image 6

https://clients.ruralwaterimpact.com/images/images_rwi/rwi_1345_20260706_140402_1352902479_8483.jpg

Appendix B – Image References

Image 7

https://clients.ruralwaterimpact.com/images/images_rwi/rwi_1345_dji_fly_20260513_133254_163_1778701184386_photo_1352902479_6760.jpg

Image 8

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Image 9

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Image 10

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Image 11

https://clients.ruralwaterimpact.com/images/images_rwi/rwi_1345_image2_1352902479_6215.jpeg

Appendix C – 100% Conservation Garden Design Plans

Appendix C – 100% Conservation Garden Design Plans

100% Conservation Garden Design Plans Link

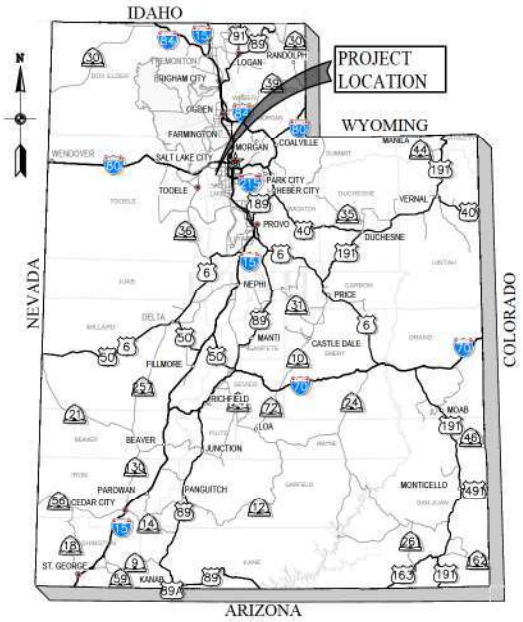
https://clients.ruralwaterimpact.com/documents/1345/4832503_100___Plan_Set_260416.pdf

The plans are also attached to this plan in the following page.

DRAWINGS FOR CONSTRUCTION OF THE

DEMONSTRATION GARDEN

MAGNA, UTAH



PROJECT LOCATION MAP

INDEX OF DRAWINGS		
SHT NO.	DWG NO.	DESCRIPTION
		GENERAL
1	G-01	INDEX OF DRAWINGS, PROJECT LOCATION AND VICINITY MAPS
2	G-02	SYMBOLS & NOTES
		LANDSCAPE ARCHITECTURE
3	LX-01	DEMOLITION PLAN
4	L-01	LANDSCAPE NOTES & SCHEDULES
5	L-02	SITE & MULCH PLAN
6	L-03	PLANTING PLAN
7	L-04	IRRIGATION PLAN
8	GL-01	LANDSCAPE DETAILS
9	GL-02	IRRIGATION DETAILS



PROJECT VICINITY MAP

LANDSCAPE

MAGNA WATER DISTRICT
8885 WEST 3500 SOUTH P.O. BOX 303
MAGNA, UTAH 84044-0303
(801) 250-2118

MAGNA WATER DISTRICT

TRUSTEES:	MICK SUDBURY (CHAIR), JEFF WHITE, DAN L. STEWART
DISTRICT GENERAL MANAGER:	CLINT DILLEY, P.E.
DISTRICT ENGINEER:	TREVOR ANDRA, P.E.
WASTEWATER OPERATIONS MANAGER:	DALLAS HENLINE

BOWEN COLLINS & ASSOCIATES

100% DESIGN

NOT FOR CONSTRUCTION FOR REVIEW ONLY

REVISIONS

NO.	DATE	REV BY	DESCRIPTION

MAGNA WATER DISTRICT
DEMONSTRATION GARDEN
MAGNA, UTAH

DESIGN T.WYATT
DESIGN T.WYATT
DRAWN T.WYATT
REVIEW
CHECKED C.GLABAU
APPROVED J.TSANDES

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING

GENERAL

INDEX OF DRAWINGS, PROJECT LOCATION & VICINITY MAPS

DATE: APRIL 2026
PROJECT NUMBER: 485-25-03

DRAWING NO.
G-01

SHEET 1 OF 9

\\BOWENCOLLINS.COM\SHARES\DRAPER\PROJECTS\MAGNA WATER DISTRICT\485-25-03 DEMONSTRATION GARDEN\2.0 DESIGN PHASE\2.7 DRAWINGS\SHT\485253_G-01.dwg Plotted: 4/16/2026 11:05 AM By: Tanner Wyatt

SECTION IDENTIFICATION

(1) SECTION CUT SHOWN ON DRAWING AS:

SECTION LETTER — A — C-10 — DRAWING NUMBER WHERE THE SECTION IS SHOWN (SEE NOTE A)

(2) THIS SECTION IS IDENTIFIED AS:

SECTION — SCALE: AS DESIGNATED — A — M-01.C-01... — SECTION LETTER — DRAWING NUMBER WHERE THE SECTION CUT IS SHOWN (SEE NOTE A)

DETAIL IDENTIFICATION

(1) DETAIL IDENTIFICATION SHOWN ON DRAWING AS:

DETAIL NUMBER — 3 — C-10 — THE DETAIL NAME IS OPTIONAL AND LOCATED HERE, FOLLOWING DETAIL CALLOUT — DRAWING NUMBER WHERE THE DETAIL IS SHOWN

(2) THIS DETAIL IS IDENTIFIED AS:

DETAIL — SCALE: AS DESIGNATED — 1 — M-01.C-01... — DETAIL NUMBER — DRAWING NUMBER WHERE THE DETAIL IS SHOWN (SEE NOTE A)

TYPICAL DETAIL IDENTIFICATION

TYPICAL DETAIL — NTS — C — 2000 — TYPICAL DETAIL NUMBER, SEE INDEX OF DRAWINGS FOR LOCATION OF GENERAL DRAWINGS

DRAWING IDENTIFICATION SYSTEM

LETTER	DISCIPLINE
G	GENERAL
C	CIVIL
CP	CORROSION PROTECTION
I	LANDSCAPE
A	ARCHITECTURAL
S	STRUCTURAL
M	MECHANICAL
E	ELECTRICAL
I	INSTRUMENTATION
GC	GENERAL CIVIL DETAILS
GA	GENERAL ARCHITECTURAL DETAILS
GS	GENERAL STRUCTURAL DETAILS
GM	GENERAL MECHANICAL DETAILS
GE	GENERAL ELECTRICAL DETAILS
GI	GENERAL INSTRUMENTATION DETAILS

S-02 — INDIVIDUAL DRAWING NUMBER — DISCIPLINE

NOTES:

A. IF PLAN AND SECTION (OR DETAIL CALL-OUT AND DETAIL) ARE SHOWN ON SAME DRAWING, DRAWING NUMBER IS REPLACED BY A HORIZONTAL LINE.

B. ELECTRICAL SYMBOLS SHOWN ON ELECTRICAL DRAWINGS. FOR WELDING SYMBOLS USE AMERICAN WELDING SOCIETY STANDARD SYMBOLS. SEE AMERICAN INSTITUTE OF STEEL CONSTRUCTION MANUAL.

- COORDINATE IDENTIFICATION
- ELEVATION INDICATOR
- SECTION CORNER
- BENCH MARK
- MONUMENT INDICATOR
- POTHOLE
- TEST HOLE
- BORING HOLE
- SECTION LINE
- PROPERTY LINE
- EASEMENT
- PARCEL
- R/W — RIGHT-OF-WAY
- NEW ASPHALT
- EXISTING ASPHALT
- CENTERLINE
- 4500 — CONTOUR LINE, FINISHED GRADE
- 4500 — CONTOUR LINE, EXISTING GRADE
- 4500.20 / (4500.20) — FINISHED ELEVATION / EXISTING ELEVATION
- TOP / TOC — CUT OR FILL SLOPE TO BE CONSTRUCTED
- SILT FENCE
- X — X — FENCE
- RAILING
- DITCH
- CULVERT
- RIPRAP
- TREE LINE/VEGETATION
- EXISTING STRUCTURE OR FACILITY
- NEW STRUCTURE OR FACILITY
- FUTURE STRUCTURE OR FACILITY
- NEW PIPELINE (CIVIL SHEETS)
- NEW PIPELINE 10" DIA AND SMALLER (CIVIL SHEETS)
- EXISTING UTILITY PIPELINE
- ATMS — ATMS
- CTV — CABLE
- C(ug) — COMMUNICATION BURIED
- COMM — COMMUNICATION OVERHEAD
- P(ug) — ELECTRICAL BURIED
- OHP — ELECTRICAL OVERHEAD
- FO — FIBER OPTICS OVERHEAD
- FO(ug) — FIBER OPTICS UNDERGROUND
- G — GAS
- IRR — IRRIGATION
- PETRO — PETROLEUM LINE
- SS — SANITARY SEWER
- SD — STORM DRAIN
- T(ug) — TELEPHONE BURIED
- TEL — TELEPHONE OVERHEAD
- W — WATERLINE
- TV — CABLE BOX
- CATCH BASIN
- EB — ELECTRICAL BOX
- HYDRANT
- G — GAS MANHOLE
- S — SEWER MANHOLE
- D — STORM DRAIN MANHOLE
- T — TELEPHONE MANHOLE
- W — WATER MANHOLE
- WM — WATER METER

- POWER POLE
- TB — TELEPHONE BOX
- LIGHT POLE ONE LUMINAIRE
- LIGHT POLE TWO LUMINAIRS
- LIGHT POLE
- STREET LIGHT WITH BRACKET
- TO BE REMOVED OR ABANDONED
- MASONRY
- STEEL
- INSULATION
- GRAVEL
- CONCRETE
- EARTH
- SAND
- ALUMINUM OR METAL DECKING
- CHECKERED PLATE
- SPAN — GRATING
- PLASTIC, RUBBER OR NEOPRENE
- WOOD (ROUGH FRAMING) OR OPENING OR DEPRESSION IN SLAB OR WALL
- FHC — FIRE HOSE CABINET
- FE — FIRE EXTINGUISHER
- UNIT HEATER
- PCOTG — PRESSURE CLEANOUT TO GRADE
- WCO — WALL CLEANOUT
- FCO — FLOOR CLEANOUT
- COTG — CLEANOUT TO GRADE
- BLOW OFF ASSEMBLY
- HUB DRAIN
- FLOOR DRAIN
- FLOOR SINK
- DRAIN TRAP
- CHANGE IN PIPING MATERIAL
- 24" RCP-RW — PIPE SIZE AND TYPE/FLUID ABBREVIATION (USE FOR EXISTING PIPE CALLOUT)
- 10" PW (2) — PIPE CALLOUT (SEE PIPING SCHEDULE)
- ME-2 — EQUIPMENT NUMBER (SEE EQUIPMENT SCHEDULE)
- STOP GATE
- SLIDE GATE
- SLUICE GATE
- GATE VALVE
- HOSE BIBB (H/B)
- REDUCER OR INCREASER
- LIQUID SURFACE EL

- 1 — REVISION WORK
- 3 — REFERENCE TO NOTE
- 1 — COLUMN LINE GRID
- A — WINDOW TYPE
- 05 — DOOR NUMBER
- 05 — ROOM NUMBER

GENERAL NOTES

1. SYMBOLS FOR STRUCTURES, PIPE, ETC. USED FOR IDENTIFICATION ARE SHOWN IN LEGENDS AND SHALL BE FOLLOWED THROUGHOUT THE PLANS WHENEVER APPLICABLE. NOT ALL OF THE VARIOUS COMPONENTS SHOWN IN THESE LEGENDS ARE NECESSARILY USED IN THE PROJECT.
2. SCALE OF THE DRAWINGS OR DETAILS ARE SHOWN IN TITLE BLOCK OR DIRECTLY UNDER THE PLAN OR DETAIL. THE SIZE OF THE ORIGINAL PLOTTED DRAWINGS IS 22"X34". CARE SHOULD BE TAKEN TO VERIFY THE SCALE BAR IN THE TITLE BLOCK AREA TO DETERMINE THE SCALE OF REDUCED REPRODUCTIONS.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM CONSTRUCTION ACTIVITIES PER THE CONTRACT DOCUMENTS. ANY ADDITIONS, DELETIONS, OR MODIFICATIONS SHALL FIRST MEET WITH THE WRITTEN APPROVAL OF THE ENGINEER AND THE OWNER.
4. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMIT(S) AND COMPLY WITH ALL REQUIREMENTS OF GOVERNING AGENCIES.
5. THE CONTRACTOR SHALL KEEP ALL CONSTRUCTION ACTIVITIES WITHIN THE ESTABLISHED RIGHTS-OF-WAY. THIS SHALL INCLUDE BUT NOT BE LIMITED TO, VEHICLES AND EQUIPMENT, LIMITS OF TRENCH EXCAVATION, AND EXCAVATED MATERIAL AND BACKFILL STORAGE. IF THE CONTRACTOR REQUIRES ADDITIONAL CONSTRUCTION EASEMENTS, IT SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN SUCH EASEMENTS FROM INDIVIDUAL PROPERTY OWNERS.
6. UTILITY LOCATIONS:
   - CONTRACTOR SHALL CONTACT BLUE STAKES TO LOCATE EXISTING UTILITIES.
   - ALL UTILITY LOCATIONS, SHOWN ON DRAWINGS, ARE APPROXIMATE AND ARE NOT INCLUSIVE OF ALL EXISTING UTILITIES.
   - CONTRACTOR TO VERIFY DEPTHS OF UTILITIES IN THE FIELD BY POT HOLING A MINIMUM OF TWO WEEKS TIME AHEAD OF PIPELINE CONSTRUCTION TO AVOID CONFLICTS WITH DESIGNED PIPELINE GRADE AND ALIGNMENT. IF A CONFLICT ARISES RESULTING FROM THE CONTRACTOR NEGLECTING TO POT HOLE UTILITIES, THE CONTRACTOR TO RESOLVE THE CONFLICT WITHOUT ADDITIONAL COST OR CLAIM TO THE OWNER.
8. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE WHICH ARE TO REMAIN IN PLACE. ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTORS OPERATIONS SHALL BE REPAIRED OR RECONSTRUCTED TO ORIGINAL OR BETTER CONDITION TO THE SATISFACTION OF THE OWNER AT THE EXPENSE OF THE CONTRACTOR.
9. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING SERVICE LINES FOR GAS, SEWER, WATER, AND OTHER UTILITIES AND REPAIRING DAMAGE TO SUCH LINES AS A RESULT OF THE CONTRACTOR'S OPERATIONS. SERVICE CONNECTIONS FOR UTILITIES ARE NOT SHOWN ON THE DRAWINGS.
10. CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFORMANCE WITH LOCAL AND FEDERAL CODES GOVERNING SHORING AND BRACING OF EXCAVATIONS AND TRENCHES. CONTRACTOR IS RESPONSIBLE FOR THE SAFETY OF THE PUBLIC AND PROTECTION OF PERSONNEL AND WORKERS.
11. CONTRACTOR SHALL NOT DESTROY, REMOVE, OR DISTURB ANY EXISTING SURVEY MONUMENTS WITHOUT AUTHORIZATION OF CONTROLLING AGENCY. NO PAVEMENT CUTTING OR REMOVAL SHALL BEGIN UNTIL ALL SURVEY MARKERS OR MONUMENT POINTS THAT HAVE THE POTENTIAL OF BEING DISTURBED BY THE CONSTRUCTION OPERATIONS HAVE BEEN PROPERLY REFERENCED BY A REGISTERED LAND SURVEYOR. ALL SURVEY MONUMENTS OR POINTS DISTURBED BY THE CONTRACTOR SHALL BE ACCURATELY RESET BY A REGISTERED LAND SURVEYOR AFTER ALL RESTORATION AND RESURFACING HAS BEEN COMPLETED.
12. CONTRACTOR SHALL RESTORE OR REPLACE ANY SPRINKLING SYSTEMS AND LANDSCAPING DAMAGED DURING CONSTRUCTION TO EQUAL OR BETTER CONDITION THAN WHAT EXISTED PRIOR TO CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
13. ALL CONSTRUCTION ACTIVITIES SHALL BE PERFORMED IN A WORKMANLIKE AND SAFE MANNER AND IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND JOB-SITE RELATED CONSTRUCTION CONDITIONS AND REQUIREMENTS. OBTAIN PERMITS, INSPECTIONS AND APPROVALS AS REQUIRED BY JURISDICTIONAL AGENCIES AND PAY ALL ASSOCIATED FEES. CONTRACTOR AND INSTALLERS SHALL BE LICENSED AS REQUIRED BY STATE AND LOCAL JURISDICTIONS, AND BONDED AS DETERMINED BY PROJECT REQUIREMENTS.
14. WORKING HOURS SHALL BE 7AM TO 5 PM MONDAY THROUGH THURSDAY.
15. INSTALL ALL MATERIALS ACCORDING TO MANUFACTURER RECOMMENDATIONS AND STATE AND LOCAL REQUIREMENTS. USE ONLY NEW AND UNUSED MATERIALS. ALL MATERIALS SHALL BE PROVIDED BY MANUFACTURERS REGULARLY ENGAGED IN PRODUCING SAID ITEMS, AND WHICH SHALL BE FIRST QUALITY, HEAVY DUTY, COMMERCIAL/INDUSTRIAL GRADE, SUITABLE FOR THE INTENDED USE.

BOWEN COLLINS & ASSOCIATES

100% DESIGN

NOT FOR CONSTRUCTION FOR REVIEW ONLY

NO.	DATE	REV BY	DESCRIPTION

REVISIONS

MAGNA WATER DISTRICT
DEMONSTRATION GARDEN
MAGNA, UTAH

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING

REVIEW
CHECKED C.GLABAU
APPROVED J.TSANDES

DESIGN
DESIGN T.WYATT
DRAWN T.WYATT

GENERAL

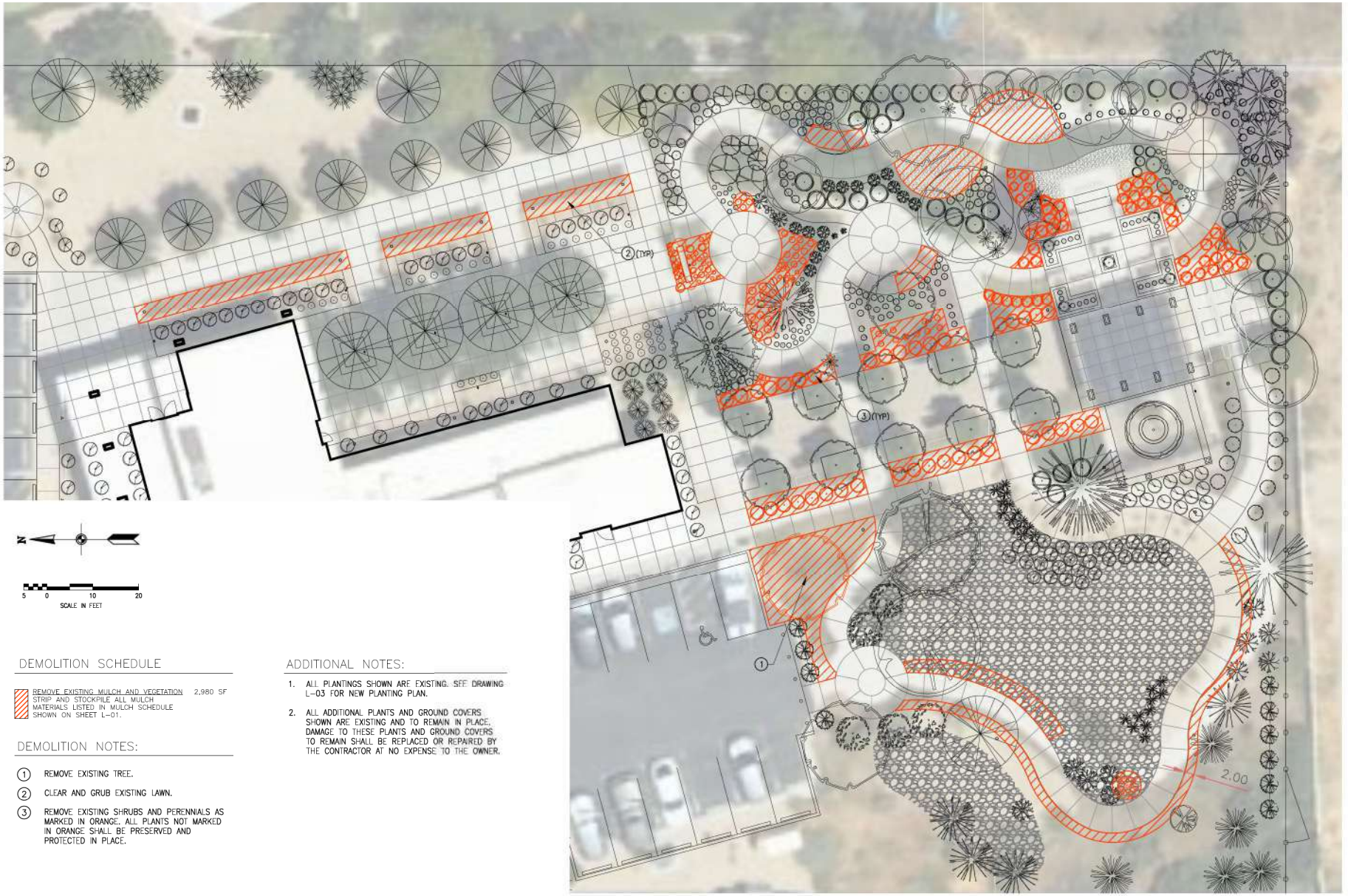
GENERAL SYMBOLS & NOTES

DATE APRIL 2026
PROJECT NUMBER 485-25-03

DRAWING NO.
G-02

SHEET 2 OF 9

\\bowencollins.com\shares\Draper\Projects\Magna Water Distrct\0485-25-03 Demonstration Garden\02.0 Design Phase\2.7 Drawings\cad\0485203_G-02_Symbols.dwg Plotted: 4/16/2026 11:05 AM By: Tanner Wyatt



N

5 0 10 20
SCALE IN FEET

PLAN

DEMOLITION SCHEDULE

	REMOVE EXISTING MULCH AND VEGETATION STRIP AND STOCKPILE ALL MULCH MATERIALS LISTED IN MULCH SCHEDULE SHOWN ON SHEET L-01.	2,980 SF

DEMOLITION NOTES:

1. REMOVE EXISTING TREE.
2. CLEAR AND GRUB EXISTING LAWN.
3. REMOVE EXISTING SHRUBS AND PERENNIALS AS MARKED IN ORANGE. ALL PLANTS NOT MARKED IN ORANGE SHALL BE PRESERVED AND PROTECTED IN PLACE.

ADDITIONAL NOTES:

1. ALL PLANTINGS SHOWN ARE EXISTING. SEE DRAWING L-03 FOR NEW PLANTING PLAN.
2. ALL ADDITIONAL PLANTS AND GROUND COVERS SHOWN ARE EXISTING AND TO REMAIN IN PLACE. DAMAGE TO THESE PLANTS AND GROUND COVERS TO REMAIN SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.

BOWEN COLLINS ASSOCIATES

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			REVISIONS

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING

MAGNA WATER DISTRICT
DEMONSTRATION GARDEN
MAGNA, UTAH

REVIEW
CHECKED C.GLABAU
APPROVED J.TSANDES

DESIGN
DESIGN T.WYATT
DRAWN T.WYATT

LANDSCAPE
DEMOLITION PLAN

DATE: APRIL 2026
PROJECT NUMBER: 485-25-03

DRAWING NO.
LX-01

SHEET 3 OF 9

\\BOWENCOLLINS.COM\SHARES\DRAPER\PROJECTS\MAGNA WATER DISTRICT\485-25-03 DEMONSTRATION GARDEN\2.0 DESIGN PHASE\2.7 DRAWINGS\SHT\485250S_Demolition.dwg Plotted: 4/16/2026 11:06 AM By: Tanner Wyatt

LANDSCAPE NOTES:

1. CHANGES TO LANDSCAPING DESIGN OR IRRIGATION DESIGN MUST BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL.
2. ALL CONTRACTORS SHALL COMPLY WITH IA STANDARDS WHEN INSTALLING THE IRRIGATION AND THE LANDSCAPING AS WELL AS LANDSCAPE CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE STATE AND CITY/COUNTY CODES.
3. PROVIDE LANDSCAPE AND IRRIGATION SYSTEM MAINTENANCE FOR 1 YEAR AFTER SUBSTANTIAL COMPLETION OF THE LANDSCAPE INSTALLATION. LANDSCAPE MAINTENANCE SHALL INCLUDE ALL FERTILIZING, WEEDING, TRIMMING, WATERING, PLANTING REPLACEMENTS, AND LANDSCAPE AND IRRIGATION REPAIRS AS REQUIRED.
4. THE LANDSCAPE AND IRRIGATION SYSTEM SHALL BE TURNED OVER TO THE OWNER AFTER THE 1-YEAR WARRANTY IN GOOD CONDITION. AT TURN OVER DATE, TREES AND SHRUBS SHALL BE HEALTHY AND THE SHRUB BEDS SHALL BE WEED FREE. A SECOND APPLICATION OF PRE-EMERGENT SHALL BE APPLIED TO ALL ROCK MULCH AREAS AT TURN OVER DATE.
5. ALL LANDSCAPING MUST BE MAINTAINED BY CONTRACTOR FOR 1 YEAR AFTER SUBSTANTIAL COMPLETION HAS BEEN ISSUED BY THE ENGINEER.
6. ALL CONTRACTORS SHALL SUBMIT, TO THE OWNER, TWO COPIES OF AN APPROVED SET OF LANDSCAPE DRAWINGS, PRIOR TO THE WARRANTY PERIOD INSPECTION.
7. THE LANDSCAPE SEEDING AND PLANTING ARE TO BE USED IN CONJUNCTION WITH THE SITE CIVIL PLANS TO FORM COMPLETE INFORMATION FOR THIS REFER TO SITE PLAN FOR EXISTING AND PROPOSED DEVELOPMENT AND AREAS OF CONSTRUCTION.
8. THE CONTRACTOR SHALL EXAMINE THE SITE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND NOTIFY THE ENGINEER IN WRITING OF UNSATISFACTORY CONDITIONS. DO NOT PROCEED UNTIL CONDITIONS HAVE BEEN CORRECTED.
9. BEFORE STARTING WORK, CONTRACTOR SHALL CONTACT APPROPRIATE UTILITY COMPANIES FOR EXISTING AND PROPOSED UNDERGROUND UTILITIES, IRRIGATION SLEEVES, ELECTRICAL CONDUITS, SIGNAGE, ETC. CONTRACTOR SHALL REPAIR ALL DAMAGED IMPROVEMENTS AT CONTRACTORS EXPENSE.
10. SEE SPECIFICATION SECTION 32 90 00 FOR TOPSOIL REQUIREMENTS, SEEDING REQUIREMENTS, AND SEEDING WINDOW.
11. AREAS FOR SEEDING OR SOD TO EITHER INCLUDE SIX (6) INCHES OF APPROVED IMPORTED, AMENDED TOPSOIL OR EXISTING SOIL ONSITE BE TESTED AND AMENDED PER THE TOPSOIL ANALYSIS REPORT RECOMMENDATIONS TO A DEPTH OF SIX (6) INCHES.
12. ALL PLANT MATERIALS SHALL MEET AS LISTED ON PLANT SCHEDULE. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE PLANT MATERIAL WHICH DOES NOT MEET THE QUALITY REQUIREMENTS FOR THE PROJECT PER SPECIFICATIONS. ALL DECIDUOUS TREES SHALL HAVE FULL, WELL-SHAPED HEADS. ALL EVERGREENS SHALL BE UNSHEARED AND FULL TO THE GROUND. IF SIZE SPECIFIED IS NOT AVAILABLE, CONTACT LANDSCAPE ARCHITECT PRIOR TO SUBSTITUTIONS.
13. ONCE IMPORTED TOPSOIL IS PLACED OR ONSITE SOIL IS AMENDED, IT SHALL BE RAKED SMOOTH PRIOR TO SEEDING AND BE UNIFORM IN QUALITY, FREE FROM TOXIC SUBSTANCES, SUBSOIL, STIFF OR LUMPY CLAY, HARD CLODS, HARDPAN, ROCKS, DISINTEGRATED DEBRIS, PLANTS, ROOTS, SEEDS, AND ANY OTHER MATERIALS THAT WOULD BE TOXIC OR HARMFUL TO PLANT GROWTH. TOPSOIL SHALL CONTAIN NO NOXIOUS WEEDS OR SEEDS.
14. CONTRACTOR TO APPLY A PRE-EMERGENT TO ALL SHRUB AND TREE BEDS ONCE PLANTING IS COMPLETE.
15. SEEDED AREAS SHALL NOT BE BROADCAST SEEDED. SEEDING SHALL ONLY BE HYDROSEED OR DRILL SEEDING. SEEDING SHALL NOT TAKE PLACE IF SOIL IS SATURATED OR FROZEN OR WHEN TEMPERATURES EXCEED 75 DEGREES FAHRENHEIT.
16. CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT OR ENGINEER 7 DAYS PRIOR TO SEEDING.
17. AFTER SEEDING AREAS ARE ESTABLISHED THEY SHALL BE FERTILIZED WITH MILORGANITE FERTILIZER. RESTORED AND SEEDED AREAS SHALL BE ESTABLISHED TO A UNIFORM COVERAGE OF 60% OR GREATER AT THE END OF THE FIRST GROWING SEASONS, BUT PRIOR TO FINAL RELEASE OF CONTRACT WARRANTY. AREAS THAT ARE BELOW 60% COVERAGE OR DESIRED PLANT SPECIES SHALL BE RE-SEEDED BY CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
18. BULBS SHALL BE PLANTED WITH 6" SPACING AND ONLY IN PLAN-DESIGNATED AREAS WHERE NO OTHER PLANTS ARE CURRENTLY EXISTING AND AT THE DEPTH AND IN THE MANNER SPECIFIED BY THE BULB PROVIDER.
19. GRADING, TOPSOIL PLACEMENT AND COMPACTED SOILS:
FINISH SUBGRADE AND TOPSOIL PLACEMENT AND GRADING SHALL CONSIST OF:

    19.1. PREPARE SUBGRADE BY ROUGH GRADING AND REMOVING ALL IRREGULARITIES AND DEBRIS, THEN TILL AND SCARIFY SUBSOIL TO A DEPTH OF 6 INCHES BEFORE AMENDING TOPSOIL OR PLACING IMPORTED TOPSOIL. PROVIDE LASER LEVELING ON LARGE FLAT AREAS TO CREATE A UNIFORM LEVEL SUBGRADE.

    19.2. SUBGRADE SOIL SHALL BE IN A LOOSENED AND ROUGH SURFACE FINISH BEFORE IMPORTED TOPSOIL IS PLACED OVER SUBGRADE. (SUBGRADE SURFACE SHALL NOT BE SMOOTH, BUT A ROUGH SURFACE SHALL EXIST FOR A TRANSITION ZONE OF TOPSOIL TO SUBSOIL). IF AREAS OF SUBGRADE BECOME COMPACTED BEFORE IMPORTED TOPSOIL IS PLACED, SUBGRADE SHALL BE TILLED AGAIN BEFORE TOPSOIL PLACEMENT.

    19.3. PLACING ALL SOIL ADDITIVES AND FERTILIZERS FOR THE AREAS AS NOTED ON THE PLAN AND NOTES. THEN TILL (NO SCARIFYING) ADDITIVES TO A DEPTH OF 4-INCHES.

    19.4. AFTER TILLING, BRING AREAS TO UNIFORM GRADES BY FLOATING AND/OR HAND RAKING. IN LARGE OPEN LEVEL AREAS, PERFORM LASER LEVELING TO CREATE UNIFORM LEVEL AREAS.

    19.5. MAKE MINOR ADJUSTMENT OF FINISH GRADES AS DIRECTED BY THE CITY OR LANDSCAPE ARCHITECT.

    19.6. REMOVE WASTE MATERIALS OVER 1" IN SIZE SUCH AS STONES, ROOTS, OR OTHER UNDESIRABLE FOREIGN MATERIALS AND FINISH RAKING, DISHING, DRAGGING, AND SMOOTHING SOIL READY FOR PLANTING.

    19.7. NO GRADING OR SOIL PLACEMENT SHALL BE UNDERTAKEN WHEN SOILS ARE WET OR FROZEN.
20. ALL AREAS THAT ARE DISTURBED OUTSIDE OF THE PROJECT BOUNDARIES, SUCH AS STAGING, SHALL BE RESTORED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL RESTORE DISTURBED AREAS AND CONSULT WITH THE LANDSCAPE ARCHITECT FOR AN APPROVED SEED MIX, PLANTS, AND INSTALLATION METHOD/SCHEDULE.
21. CONTRACTOR TO MAINTAIN MULCH DEPTH INDICATED IN THE SCHEDULE THROUGHOUT THE ONE YEAR WARRANTY PERIOD.
22. CONTRACTOR TO PROVIDE MAINTENANCE PLAN AS SUBMITTAL.
23. IN DEMOLITION, CONTRACTOR TO REMOVE AND DISPOSE OF ALL EXISTING UNDERSTORY VEGETATION (SHRUBS, GRASSES, AND PERENNIALS) IN AREAS MARKED IN PLANS. ALL TREES AND IRRIGATION SYSTEM, AS WELL AS SURROUNDING LANDSCAPE NOT MARKED IN THE DEMOLITION PLAN IS TO BE PRESERVED AND PROTECTED UNLESS OTHERWISE NOTED IN THESE PLANS.
24. AFTER VEGETATION REMOVAL, MULCH IS TO BE STOCKPILED OUTSIDE OF VEGETATED AREAS FOR LATER RE-USE.
25. SOIL IS TO BE CLEARED OF WEEDS, LOOSENED TO A DEPTH OF 12" WHEREVER POSSIBLE, AND REPLANTED PER THESE PLANS.
26. IF TREE ROOTS WILL BE IMPACTED BY REMOVAL OF OTHER VEGETATION, CONTRACTOR IS TO CONTACT LANDSCAPE ARCHITECT FOR INSTRUCTIONS TO PROCEED.
27. WHERE IRRIGATION SYSTEM ADJUSTMENTS ARE NEEDED, EXISTING IRRIGATION SYSTEM IS TO BE SALVAGED AND RE-USED IF POSSIBLE. COMPONENTS THAT WILL NOT BE USED IN THE NEW IRRIGATION SYSTEM MAY BE DISPOSED OF AFTER SUBSTANTIAL COMPLETION.

PLANT SCHEDULE (PROPOSED ONLY)

SYMBOL	BOTANICAL / COMMON NAME	SIZE	QTY
SHRUBS			
CM	CHAMAEBATIARIA MILLEFOLIUM / FERNBUSH	5 GAL	2
CB2	CORNUS SERICEA 'BAILEYI' / BAILEY'S RED TWIG DOGWOOD	5 GAL	1
FA	FORSYTHIA X 'ARNOLD'S DWARF' / ARNOLD'S DWARF FORSYTHIA	5 GAL	4
MC	MAHONIA AQUIFOLIUM 'COMPACTA' / DWARF OREGON GRAPE	5 GAL	32
PP2	PINUS MUGO 'MOPS' / MOPS MUGO PINE	5 GAL	6
SS	SPIRAEA JAPONICA 'ANTHONY WATERER' / ANTHONY WATERER JAPANESE SPIREA	5 GAL	3
ANNUALS/PERENNIALS			
AL	AQUILEGIA X 'PAS1258486' / EARLYBIRD™ PURPLE WHITE COLUMBINE	1 GAL	8
CV	COREOPSIS VERTICILLATA 'MOONBEAM' / MOONBEAM TICKSEED	1 GAL	4
EP	ECHINACEA PURPUREA / CONEFLOWER	1 GAL	24
GA	GAILLARDIA X GRANDIFLORA 'ARIZONA SUN' / ARIZONA SUN BLANKETFLOWER	1 GAL	5
HX	HYLOTELEPHIUM X 'HERBSTFREUDE' / AUTUMN JOY STONECROP	1 GAL	48
LM	LAVANDULA ANGUSTIFOLIA 'MUNSTEAD' / MUNSTEAD ENGLISH LAVENDER	1 GAL	36
LL	LINUM LEWISII / BLUE FLAX	1 GAL	29
MM	MIRABILIS MULTIFLORA / DESERT FOUR O'CLOCK	1 GAL	3
PB	PENSTEMON BARBATUS / BEARDLIP PENSTEMON	1 GAL	3
PP	PENSTEMON EATONII / FIRECRACKER PENSTEMON	1 GAL	4
PR	PENSTEMON ROSTRIFLORUS / BRIDGE PENSTEMON	1 GAL	6
RC	RATIBIDA COLUMNIFERA / PRAIRIE CONEFLOWER	1 GAL	7
RG	RUDBECKIA FULGIDA SULLIVANTII 'GOLDSTURM' / GOLDSTURM BLACK-EYED SUSAN	1 GAL	30
VA	VINCA MINOR 'ATROPURPUREA' / PURPLE DWARF PERIWINKLE	1 GAL	15
GRASSES			
BG	BOUTELOUA GRACILIS / BLUE GRAMA GRASS	1 GAL	32
PH	PENNISETUM ALOPECUROIDES 'HAMELN' / HAMELN FOUNTAIN GRASS	1 GAL	51
GROUNDCOVER			
TS	THYMUS SERPYLLUM / CREEPING THYME	1 GAL	45

SYMBOL	BOTANICAL / COMMON NAME	CONT	QTY
SHRUB AREAS			
	TULIP MIX / VARIOUS SPECIES, SEE NOTES	BULB	134 SF

SYMBOL	BOTANICAL / COMMON NAME	SIZE	QTY
GROUND COVERS			
	BIOMEADOW SOD / INSTALL OVER SOIL PREPARED PER NOTES	SOD	165 SF
	BUCHLOE DACTYLOIDES 'TEXHOKA' / TEXHOKA BUFFALO GRASS	SOD	164 SF

MULCH SCHEDULE

	SHREDDED BARK STRIP, STOCKPILE, AND RE-APPLY TO 3" DEPTH, SUPPLEMENT WITH MATERIAL FROM STAKER PARSON (OR EQUAL) AS NEEDED.	6,078 SF
	MEDIUM BARK (2" - 3") STRIP, STOCKPILE, AND RE-APPLY TO 3" DEPTH, SUPPLEMENT WITH MATERIAL FROM STAKER PARSON (OR EQUAL) AS NEEDED.	15 SF
	1-2 IN. LANDSCAPE ROCK APPLIED TO 3". MATCH TO EXISTING	275 SF
	SMALL BARK (1/2" - 1") STRIP, STOCKPILE, AND RE-APPLY TO 3" DEPTH, SUPPLEMENT WITH MATERIAL FROM STAKER PARSON (OR EQUAL) AS NEEDED.	12 SF

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DRAWN T.WYATT

REVIEW
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APPROVED J.TSANDES

LANDSCAPE

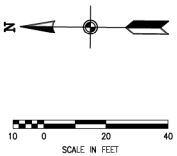
PLANTING SCHEDULE & NOTES

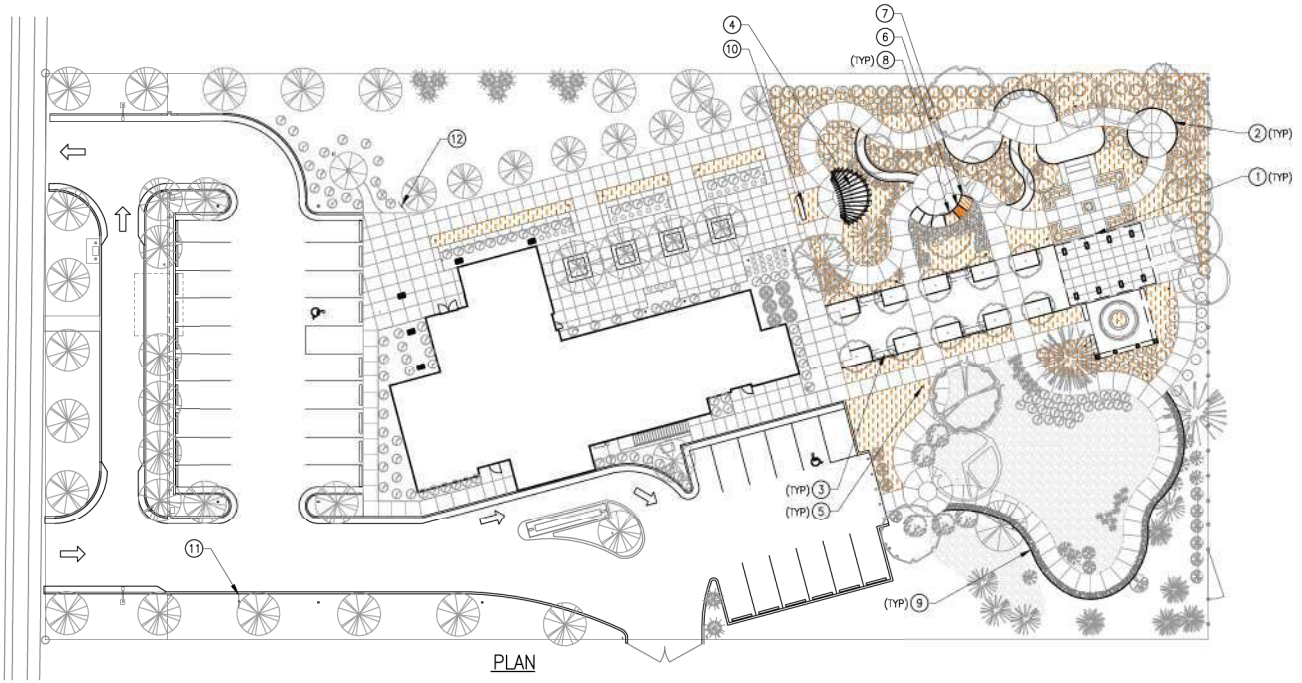
DATE APRIL 2026
PROJECT NUMBER 485-25-03

DRAWING NO.
L-01

SHEET 4 OF 9

\\bowencollins.com\shares\Draper\Projects\Magna Water District\485-25-03 Demonstration Garden\2.0 Design Phase\2.7 Drawings\sht\485253_Planting.dwg Plotted: 4/16/2026 11:06 AM By: Tanner Wyatt





PLAN

MULCH SCHEDULE

SHREDDED BARK STRIP, STOCKPILE, AND RE-APPLY TO 3" DEPTH, SUPPLEMENT WITH MATERIAL FROM STAKER PARSON (OR EQUAL) AS NEEDED.	6,078 SF
MEDIUM BARK (2" - 3") STRIP, STOCKPILE, AND RE-APPLY TO 3" DEPTH, SUPPLEMENT WITH MATERIAL FROM STAKER PARSON (OR EQUAL) AS NEEDED.	15 SF
1-2 IN. LANDSCAPE ROCK APPLIED TO 3". MATCH TO EXISTING	275 SF
SMALL BARK (1/2" - 1") STRIP, STOCKPILE, AND RE-APPLY TO 3" DEPTH, SUPPLEMENT WITH MATERIAL FROM STAKER PARSON (OR EQUAL) AS NEEDED.	12 SF

LANDSCAPE NOTES:

1. GRIND DOWN CONCRETE LIP TO REMOVE TRIPPING HAZARD.
2. REPLACE PLASTIC EDGING WITH 1/8" THICK 4 IN. HEIGHT HOT ROLLED LOW CARBON STEEL CONFORMING TO A MINIMUM ASTM A366 (WITH CARBON CONTENT HELD TO .10 MAXIMUM) WITH STAKING AT NECESSARY INTERVALS TO ENSURE FORM.
3. LOCATION FOR BENCH SHELTER (PROVIDED BY OWNER, INSTALLED BY OTHERS).
4. LOCATION FOR PERGOLA (PROVIDED BY OWNER, INSTALLED BY OTHERS).
5. REPLACE LIGHT FIXTURE IF MISSING FROM PLAN LOCATION OR DAMAGED. USE HINKLEY ATLANTIS 1518SK-LL. IF EXISTING LIGHT IS FUNCTIONAL BUT NEEDS BETTER ANCHORING, REPLACE GROUND SPIKE WITH 15" SPIKE (0019BZ) FROM MANUFACTURER.
6. INSTALL SMALL BARK TO DEPTH SPECIFIED IN MULCH SCHEDULE. (L 2801)
7. INSTALL MEDIUM BARK TO DEPTH SPECIFIED IN MULCH SCHEDULE. (L 2801)
8. INSTALL SHREDDED BARK TO DEPTH SPECIFIED IN MULCH SCHEDULE. (L 2801)
9. INSTALL 1"-2" LANDSCAPE ROCK TO DEPTH SPECIFIED IN MULCH SCHEDULE. ROCK SELECTION SHALL MATCH EXISTING CONDITIONS. (L 2801)
10. ANCHOR INFORMATION SIGN TO BACK OF EXISTING CONCRETE WALL PER MANUFACTURER INSTRUCTIONS. SEE DETAIL ON GL-01. (L 2901)
11. INSTALL NEW BASE AND WAYFINDING SIGN PER MANUFACTURER INSTRUCTIONS. SEE DETAIL ON GL-01. (L 2902)
12. INSTALL ENTRANCE SIGN AND CONCRETE FOOTINGS. SEE DETAIL ON SHEET GL-01. (L 2903)

ADDITIONAL NOTES:

1. ALL PLANTINGS SHOWN ARE EXISTING. SEE DRAWING L-03 FOR NEW PLANTING PLAN.

BOWEN COLLINS & ASSOCIATES

100% DESIGN

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			REVISIONS

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING

MAGNA WATER DISTRICT
DEMONSTRATION GARDEN
MAGNA, UTAH

DESIGN T.WYATT
REVIEW
CHECKED C.GLABAU
APPROVED J.TSANDES
DESIGN T.WYATT
DRAWN T.WYATT

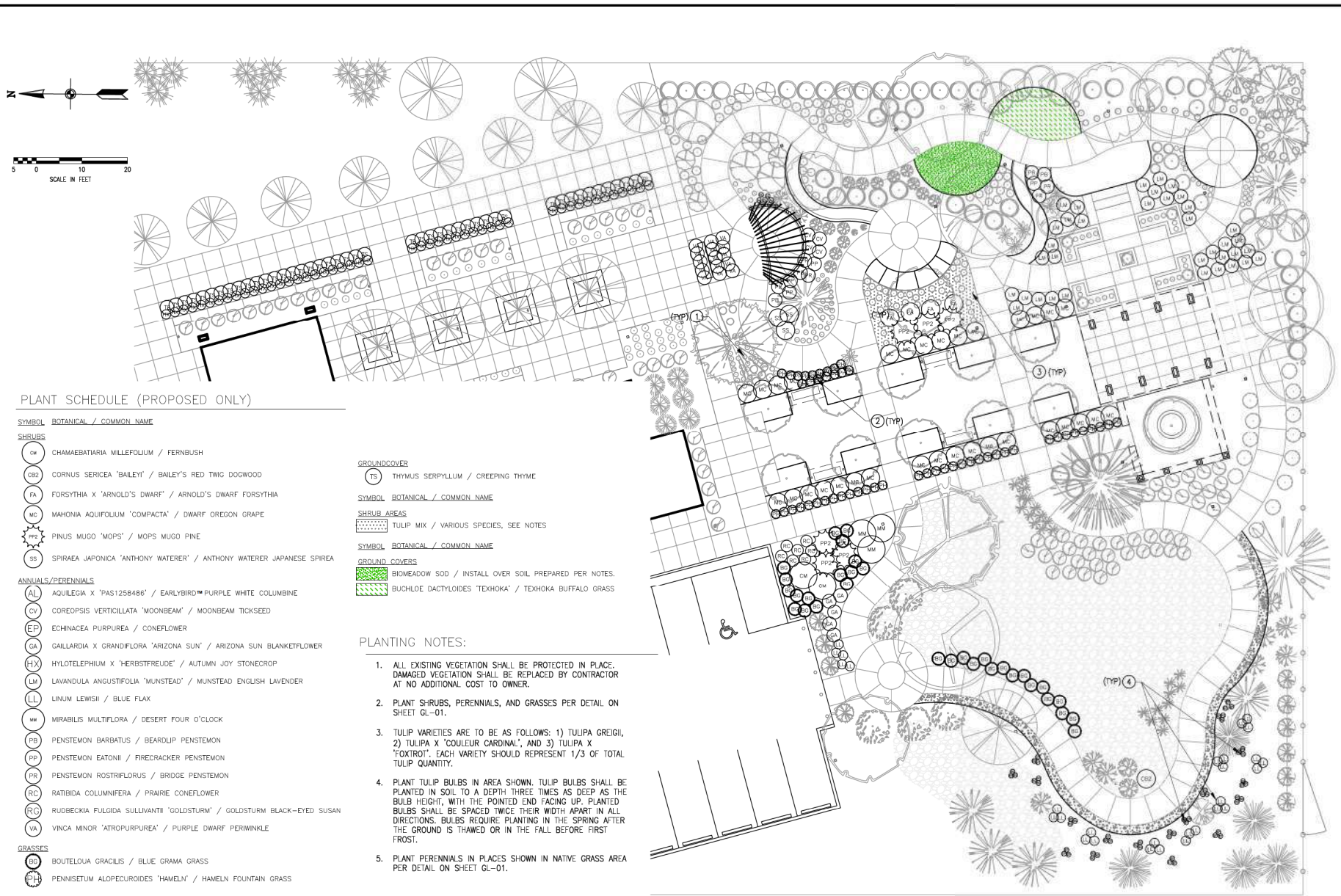
LANDSCAPE
SITE PLAN

DATE APRIL 2026
PROJECT NUMBER 485-25-03

DRAWING NO.
L-02

SHEET 5 OF 9

\\bowencollins.com\shares\Draper\Projects\Magna Water Distrct\0483-25-03 Demonstration Garden\2.0 Design Phase\2.7 Drawings\civil\0483203_Planting.dwg Plotted: 4/16/2026 11:06 AM By: Tanner Wyatt



PLANT SCHEDULE (PROPOSED ONLY)

SYMBOL	BOTANICAL / COMMON NAME
SHRUBS	
CM	CHAMAEBATIARIA MILLEFOLIUM / FERNBUSH
CBZ	CORNUS SERICEA 'BAILEYI' / BAILEY'S RED TWIG DOGWOOD
FA	FORSYTHIA X 'ARNOLD'S DWARF' / ARNOLD'S DWARF FORSYTHIA
MC	MAHONIA AQUIFOLIUM 'COMPACTA' / DWARF OREGON GRAPE
PPZ	PINUS MUGO 'MOPS' / MOPS MUGO PINE
SS	SPIRAEA JAPONICA 'ANTHONY WATERER' / ANTHONY WATERER JAPANESE SPIREA
ANNUALS/PERENNIALS	
AL	AQUILEGIA X 'PAS1258486' / EARLYBIRD™ PURPLE WHITE COLUMBINE
CV	COREOPSIS VERTICILLATA 'MOONBEAM' / MOONBEAM TICKSEED
EP	ECHINACEA PURPUREA / CONEFLOWER
GA	GAILLARDIA X GRANDIFLORA 'ARIZONA SUN' / ARIZONA SUN BLANKETFLOWER
HX	HYLOTELEPHIUM X 'HERBSTFREUDE' / AUTUMN JOY STONECROP
LM	LAVANDULA ANGUSTIFOLIA 'MUNSTEAD' / MUNSTEAD ENGLISH LAVENDER
LL	LINUM LEWISII / BLUE FLAX
MM	MIRABILIS MULTIFLORA / DESERT FOUR O'CLOCK
PB	PENSTEMON BARBATUS / BEARDLIP PENSTEMON
PP	PENSTEMON EATONII / FIRECRACKER PENSTEMON
PR	PENSTEMON ROSTRIFLORUS / BRIDGE PENSTEMON
RC	RATIBIDA COLUMNIFERA / PRAIRIE CONEFLOWER
RG	RUDBECKIA FULGIDA SULLIVANTII 'GOLDSTURM' / GOLDSTURM BLACK-EYED SUSAN
VA	VINCA MINOR 'ATROPURPUREA' / PURPLE DWARF PERIWINKLE
GRASSES	
BG	BOUTELOUA GRACILIS / BLUE GRAMA GRASS
PH	PENNISETUM ALOPECUROIDES 'HAMELN' / HAMELN FOUNTAIN GRASS

SYMBOL	BOTANICAL / COMMON NAME
GROUNDCOVER	
TS	THYMUS SERPYLLUM / CREEPING THYME
SHRUB AREAS	
	TULIP MIX / VARIOUS SPECIES, SEE NOTES
GROUND COVERS	
	BIOMEADOW SOD / INSTALL OVER SOIL PREPARED PER NOTES.
	BUCHLOE DACTYLOIDES 'TEXHOKA' / TEXHOKA BUFFALO GRASS

PLANTING NOTES:

1. ALL EXISTING VEGETATION SHALL BE PROTECTED IN PLACE. DAMAGED VEGETATION SHALL BE REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
2. PLANT SHRUBS, PERENNIALS, AND GRASSES PER DETAIL ON SHEET GL-01.
3. TULIP VARIETIES ARE TO BE AS FOLLOWS: 1) TULIPA GREIGII, 2) TULIPA X 'COULEUR CARDINAL', AND 3) TULIPA X 'FOXTROT'. EACH VARIETY SHOULD REPRESENT 1/3 OF TOTAL TULIP QUANTITY.
4. PLANT TULIP BULBS IN AREA SHOWN. TULIP BULBS SHALL BE PLANTED IN SOIL TO A DEPTH THREE TIMES AS DEEP AS THE BULB HEIGHT, WITH THE POINTED END FACING UP. PLANTED BULBS SHALL BE SPACED TWICE THEIR WIDTH APART IN ALL DIRECTIONS. BULBS REQUIRE PLANTING IN THE SPRING AFTER THE GROUND IS THAWED OR IN THE FALL BEFORE FIRST FROST.
5. PLANT PERENNIALS IN PLACES SHOWN IN NATIVE GRASS AREA PER DETAIL ON SHEET GL-01.

PLAN

SEE DRAWING L-02 FOR MULCH PLACEMENT

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MAGNA WATER DISTRICT
DEMONSTRATION GARDEN
MAGNA, UTAH

VERIFY SCALE
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REVIEW
CHECKED C.GLABAU
APPROVED J.TSANDES

DESIGN
DESIGN T.WYATT
DRAWN T.WYATT

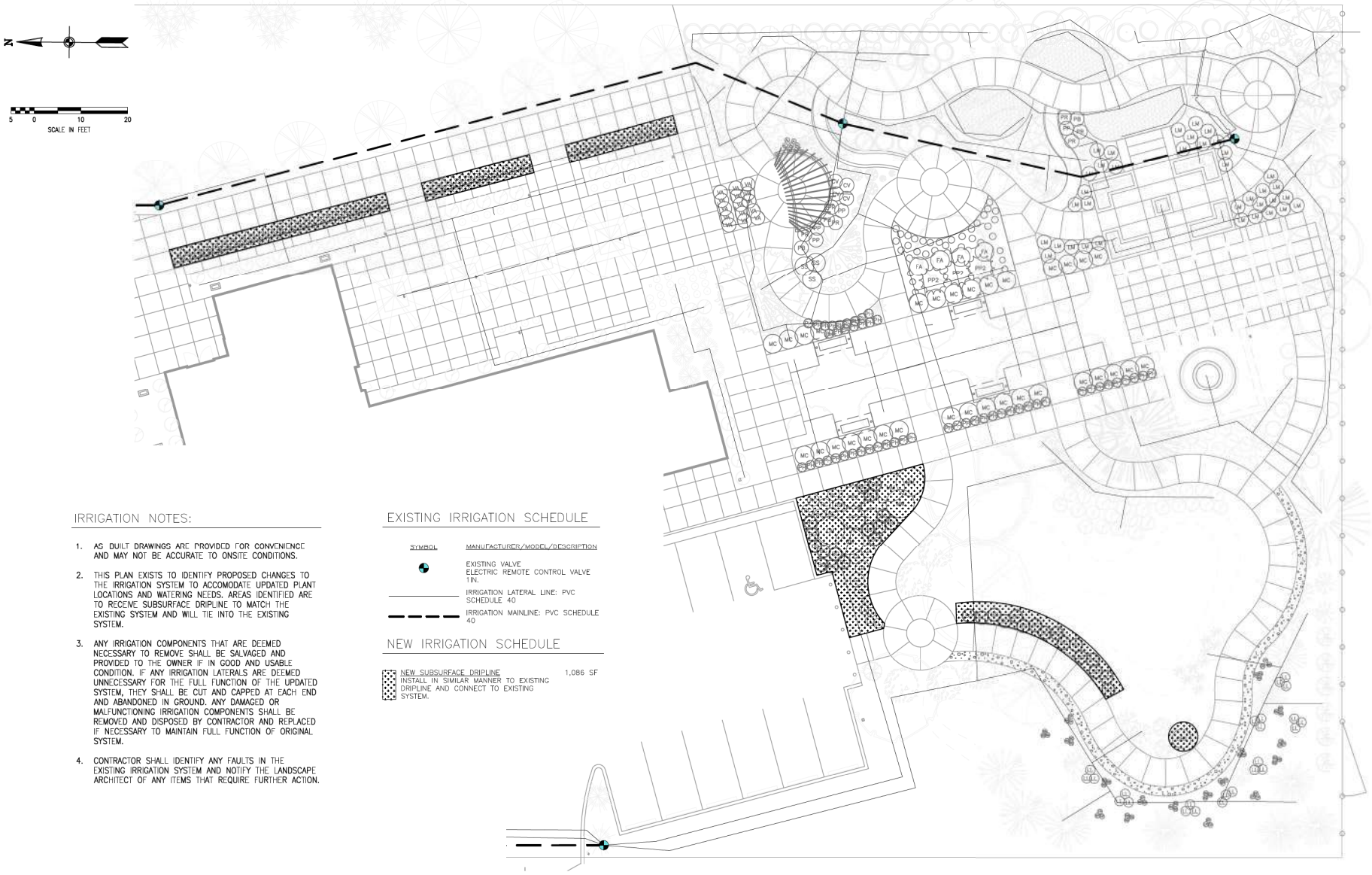
LANDSCAPE
PLANTING PLAN

DATE APRIL 2026
PROJECT NUMBER 485-25-03

DRAWING NO. L-03

SHEET 6 OF 9

\\bowencollins.com\shares\Draper\Projects\Magna Water Distrct\0483-25-03 Demonstration Garden\2.0 Design Phase\2.7 Drawings\sht\0483203_Planting.dwg Plotted: 4/16/2026 11:06 AM By: Tanner Wyatt



IRRIGATION NOTES:

1. AS BUILT DRAWINGS ARE PROVIDED FOR CONVENIENCE AND MAY NOT BE ACCURATE TO ONSITE CONDITIONS.
2. THIS PLAN EXISTS TO IDENTIFY PROPOSED CHANGES TO THE IRRIGATION SYSTEM TO ACCOMODATE UPDATED PLANT LOCATIONS AND WATERING NEEDS. AREAS IDENTIFIED ARE TO RECEIVE SUBSURFACE DRIPLINE TO MATCH THE EXISTING SYSTEM AND WILL TIE INTO THE EXISTING SYSTEM.
3. ANY IRRIGATION COMPONENTS THAT ARE DEEMED NECESSARY TO REMOVE SHALL BE SALVAGED AND PROVIDED TO THE OWNER IF IN GOOD AND USABLE CONDITION. IF ANY IRRIGATION LATERALS ARE DEEMED UNNECESSARY FOR THE FULL FUNCTION OF THE UPDATED SYSTEM, THEY SHALL BE CUT AND CAPPED AT EACH END AND ABANDONED IN GROUND. ANY DAMAGED OR MALFUNCTIONING IRRIGATION COMPONENTS SHALL BE REMOVED AND DISPOSED BY CONTRACTOR AND REPLACED IF NECESSARY TO MAINTAIN FULL FUNCTION OF ORIGINAL SYSTEM.
4. CONTRACTOR SHALL IDENTIFY ANY FAULTS IN THE EXISTING IRRIGATION SYSTEM AND NOTIFY THE LANDSCAPE ARCHITECT OF ANY ITEMS THAT REQUIRE FURTHER ACTION.

EXISTING IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	EXISTING VALVE ELECTRIC REMOTE CONTROL VALVE 1IN.
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40
	IRRIGATION MAINLINE: PVC SCHEDULE 40

NEW IRRIGATION SCHEDULE

	NEW SUBSURFACE DRIPLINE INSTALL IN SIMILAR MANNER TO EXISTING DRIPLINE AND CONNECT TO EXISTING SYSTEM.	1,086 SF

PLAN

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			REVISIONS

MAGNA WATER DISTRICT
DEMONSTRATION GARDEN
MAGNA, UTAH

VERIFY SCALE
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DESIGN
DESIGN T.WYATT
DRAWN T.WYATT

REVIEW
CHECKED C.GLABAU
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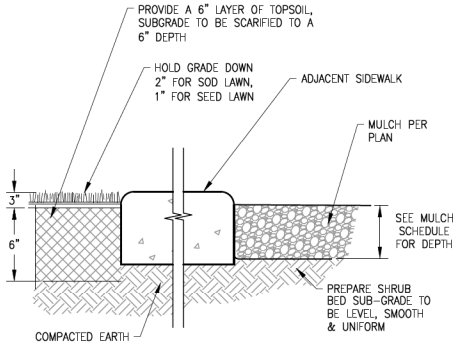
LANDSCAPE
IRRIGATION PLAN

DATE APRIL 2026
PROJECT NUMBER 485-25-03

DRAWING NO.
L-04

SHEET 7 OF 9

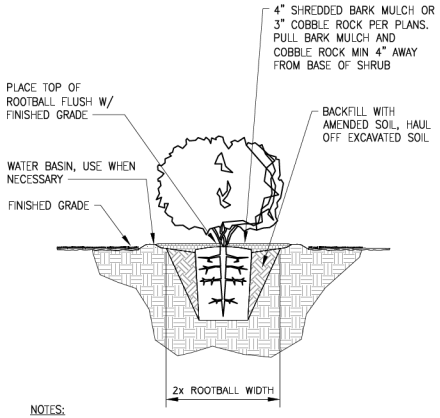
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MULCH AND SOD PLACEMENT

SCALE: NTS

L 2801



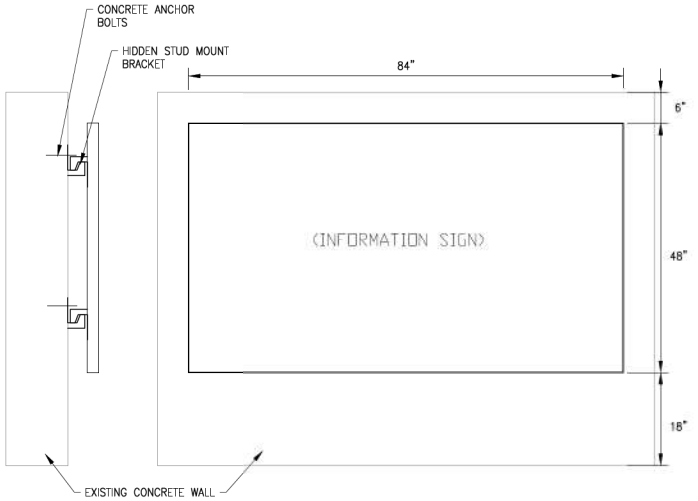
NOTES:

1. SCARIFY SIDES OF PLANTER PIT PRIOR TO PLANTING SHRUB SO AS TO AVOID ANY GLAZING OR HARDENED AREAS THAT WILL BE DIFFICULT FOR ROOTS TO GROW THROUGH.
2. AMEND SOIL SHALL CONTAIN 3 PARTS GOOD TOPSOIL EXCAVATED FROM PIT AND 1 PART "SOIL PREP" SOIL CONDITIONER.

SHRUB PLANTING DETAIL

SCALE:NTS

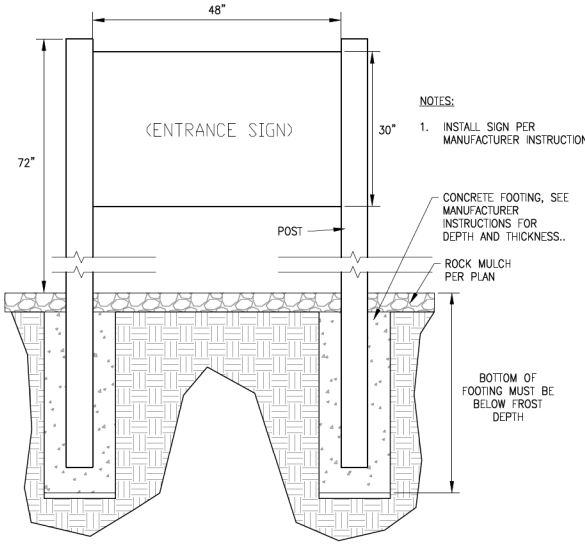
L 2866



INFORMATION SIGN DETAIL

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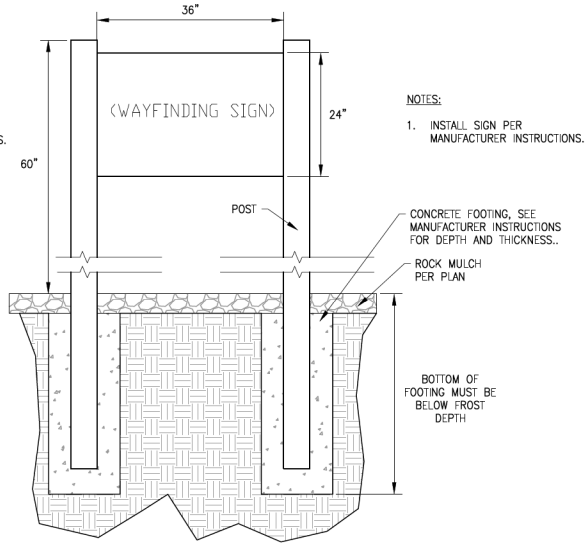
L 2901



WAYFINDING SIGN DETAIL

SCALE:NTS

L 2902



ENTRANCE SIGN DETAIL

SCALE:NTS

L 2903

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MAGNA WATER DISTRICT

DEMONSTRATION GARDEN

MAGNA, UTAH

VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING

REVIEW

CHECKED C.GLABAU

APPROVED J.T.SANDES

DESIGN

DESIGN T.WYATT

DRAWN T.WYATT

LANDSCAPE

LANDSCAPE DETAILS

DATE APRIL 2026

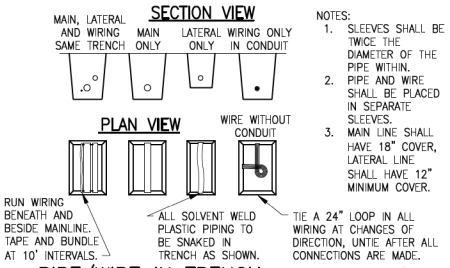
PROJECT NUMBER 485-25-03

DRAWING NO.

GL-01

SHEET 8 OF 9

\\BOWENCOLLINS.COM\SHARES\DRAPER\PROJECTS\MAGNA WATER DISTRICT\485-25-03 DEMONSTRATION GARDEN\2.0 DESIGN PHASE\2.7 DRAWINGS\SHT\485253 Landscape Details.dwg Plotted: 4/16/2026 11:06 AM By: Tanner Wyatt

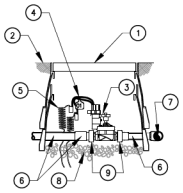


NOTES:
1. SLEEVES SHALL BE TWICE THE DIAMETER OF THE PIPE WITHIN.
2. PIPE AND WIRE SHALL BE PLACED IN SEPARATE SLEEVES.
3. MAIN LINE SHALL HAVE 18" COVER, LATERAL LINE SHALL HAVE 12" MINIMUM COVER.

PIPE/WIRE IN TRENCH

SCALE:NTS

L 2828

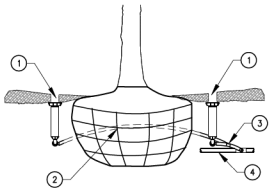


NOTES:
1. STANDARD VALVE BOX
2. FINISH GRADE
3. REMOTE CONTROL VALVE
4. PAIGE WIRE CONNECTORS (2)
5. 13/14 AWG PE WIRE
6. SCHEDULE 40 PIPE AND FITTINGS
7. SCHEDULE 80 FITTINGS
8. ¾" MINUS WASHED GRAVEL
9. ACTION MANIFOLD FITTINGS (2 EACH) 18011-X, 18012-X

REMOTE CONTROL VALVE

SCALE:NTS

L 2833

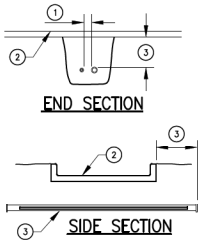


NOTES:
1. POP UP WITH PRESSURE REGULATOR AND CHECK VALVE.
2. FUNNY PIPE ASSEMBLY, LENGTH AS NEEDED.
3. FUNNY PIPE TEE.
4. LATERAL PIPE.

TREE SPRAY HEAD PLACEMENT

SCALE:NTS

L 2827



NOTES:
1. 4" MINIMUM CLEARANCE.
2. FINISH GRADE.
3. 18" MINIMUM, 24" MAXIMUM PIPE COVER.
4. 6" MINIMUM, 18" MAXIMUM.

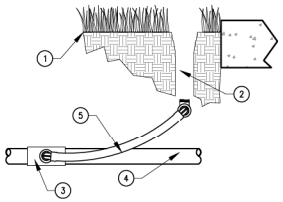
NOTES:
SLEEVES TO BE 2X PIPE SIZE WITHIN. JOINTS TO BE WATERTIGHT. MECHANICALLY TAMP TO 95% PROCTOR.

SLEEVING

SCALE:NTS

L 2830

NOTES:
1. FINISH GRADE.
2. POP-UP SPRAY HEAD WITH CHECK VALVE AND PRESSURE REGULATOR.
3. LATERAL TEE OR ELL POINT AT HARDSCAPE.
4. LATERAL PIPE.
5. SWING JOINT: FUNNY PIPE TUBING, 12"-24", ½" FUNNY ELBOWS (2), AND MARLEX STREET ELBOW (1) ALWAYS USE BOTTOM INLET.



PIPE/WIRE IN TRENCH

SCALE:NTS

L 2821

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REVISIONS

MAGNA WATER DISTRICT
DEMONSTRATION GARDEN
MAGNA, UTAH

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING

REVIEW
CHECKED C.GLABAU
APPROVED J.TSANDES

DESIGN
DESIGN T.WYATT
DRAWN T.WYATT

LANDSCAPE
IRRIGATION DETAILS

DATE APRIL 2026
PROJECT NUMBER 485-25-03

DRAWING NO.
GL-02

SHEET 9 OF 9

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Appendix D – West Valley City Landscape Ordinance

CHAPTER 7-16
WATER EFFICIENT LANDSCAPE

Sections:

7-16-101 Purpose and Intent.
7-16-102 Definitions.
7-16-103 Commercial, Industrial, and Certain Residential Development.

7-16-101. PURPOSE AND INTENT.

The City has developed the regulations set forth in this Chapter for the purpose of:

(1) Addressing the public interest to conserve public water resources and to promote water efficient Landscaping.

(2) Protecting and enhancing the community's environmental, economic, recreational, and aesthetic resources by promoting efficient use of water in the community's landscapes.

(3) Reducing water waste.

(4) Establishing a Structure for the design, installation, and maintenance of water efficient landscapes throughout the City.

7-16-102. DEFINITIONS.

For the purpose of this Chapter, the following terms shall be defined as follows:

(1) "Administrative Standards" means the set of rules, procedures and requirements set forth in a landscape ordinance associated with making a permit application, assembling materials for public review, meeting the requirements of the landscape ordinance, seeking approvals, enforcement, conducting site inspections, and filing reports.

(2) "Bubbler" means an irrigation head that delivers water to the root zone by "Flooding" the planted area, usually measured in gallons per minute. Bubblers exhibit a trickle, umbrella or short stream pattern.

(3) "Designer" means a Landscape Architect, Landscape Contractor (General Engineering Contractor), Professional Engineer, or Architect as set forth by State law.

(4) "Drip Emitter" means irrigation fittings that deliver water slowly at the root zone of the plant, usually measured in gallons per hour.

(5) "Evapotranspiration" means the quantity of water evaporated from adjacent soil surfaces and transpired by plants during a specific time, expressed in inches per day, month or year.

(6) "Extra-Drought Tolerant Plant" means a plant that can survive without irrigation throughout the year once established, although supplemental water may be desirable during drought periods for improved appearance and disease resistance.

(7) "Grading Plan" means a plan showing all finish Grades, spot elevations as necessary and existing and new contours within the developed landscaped area.

(8) "Ground Cover" means live and mineral materials used in such a way as to form a continuous cover over the ground that can be maintained at a height of not more than 12 inches. Living ground cover may include: vegetative vines, low-spreading shrubs, perennial flowering or foliage plants. Mineral ground cover may include: rocks, boulders, gravel, or brick.

(9) "Hardscape" means patios, decks, and paths. Hardscape does not include driveways and Sidewalks.

(10) "Irrigated Landscaped Area" means all portions of a Development site to be improved with planting and irrigation. Natural areas shall not be included in the Irrigated Landscaped Area.

(11) "Irrigation Efficiency" means the measurement of the amount of water beneficially applied, divided by the total amount of water applied. Irrigation efficiency is derived from measurements and estimates of irrigation system hardware characteristics and management practices.

(12) "Irrigation Contractor" means a Person who has been certified by the Irrigation Association (IA) to install irrigation systems.

(13) "Irrigation Plan" means the plan that shall show the components of the irrigation system with water meter size, backflow prevention, precipitation rates, flow rate and operating pressure for each irrigation circuit, and identification of all irrigation equipment.

(14) "Landscape Architect" means a Person who holds a license to practice landscape architecture in the State of Utah.

(15) "Landscape Plan Documentation Package" means the preparation of graphic and written criteria, specifications, and detailed plans to arrange and modify the effects of natural features such as plantings, ground and water forms, circulation, walks and other features to comply with the provisions of this ordinance. The Landscape Plan Documentation Package shall include a project data sheet, a Planting Plan, an Irrigation Plan, a Grading Plan, a Soils Report, a Landscape Water Allowance, and an Irrigation Schedule.

(16) "Landscape Water Allowance" means, for design purposes, the maximum annual applied water for the established landscaped area. It is based upon the local Reference Evapotranspiration Rate, the ETO adjustment factor and the size of the landscaped area.

(17) "Landscape Zone" means a portion of the landscaped area having plants with similar water needs, areas with similar microclimate (i.e., slope, exposure, wind, etc.) and soil conditions, and areas that will be similarly irrigated. A landscape zone can be served by one irrigation valve, or a set of valves with the same schedule.

(18) "Landscaping" means the improvement of property through the addition of plants and eradication of weeds and other deleterious material. Landscaping includes any combination of living plants, such as trees, shrubs, vines, ground covers, flowers, or grass; natural features such as rock, stone, or bark chips; and structural features, including but not limited to, fountains, reflecting pools, outdoor art work, screen walls, Fences, benches, or berms. All elements of the Landscaping shall be combined in a harmonious manner to make the land more attractive for users, to screen unattractive Uses, or to act as buffers to visually separate different types of Uses.

(19) "Microclimate" means an area within the overall landscape which shares similar elements such as slope, exposure, wind, soil conditions, etc.

(20) "Mulch" means any material such as bark, wood chips or other materials left loose and applied to the soil.

(21) "Non-Drought Tolerant Plant" means a plant that will require regular irrigation for adequate appearance, growth and disease resistance.

(22) "Planting Plan" means a plan that shall clearly and accurately identify and locate new and existing trees, shrubs, ground covers, turf areas, driveways, Sidewalks, hardscape features, and Fences, and which includes a planting schedule showing graphic symbols (if applicable), botanical names, common names, quantity, and plant size.

(23) "Precipitation Rate" means the depth of water applied to a given area, usually measured in inches per hour.

(24) "Rain Shut-Off Device" means a device wired to the automatic controller that shuts off the irrigation system when it rains.

(25) "Reference Evapotranspiration Rate" or "ETO" means a standard measurement of environmental parameters which affect the water use of plants. ETO is expressed in inches per day, month or year and is an estimate of the evapotranspiration of a large field of four to seven-inch tall, cool season grass that is well watered. The average annual ETO for the West Valley City area is 31.17 inches.

(26) "Rehabilitated Landscaping" means site Alterations of 75 percent or more.

(27) "Runoff" means irrigation water that is not absorbed by the soil or landscape area to which it is applied and which flows onto other areas.

(28) "Secondary or Reuse Water" means non-potable water suitable for irrigation purposes. This water would be available in a pressurized system.

(29) "Soils Report" means a report by a soils laboratory indicating soil type(s), soil depth, uniformity, composition, bulk Density, infiltration rates, and pH for the topsoil and subsoil for a given site. The soils report also includes recommendations for soil amendments.

(30) "Spray Sprinkler" means an irrigation head that sprays water through a nozzle.

(31) "Stream Sprinkler" means an irrigation head that projects water through a gear rotor in single or multiple streams.

(32) "Turf" means a surface layer of earth containing mowed grass with its roots.

(33) "Water Conserving Plant" means a plant that can generally survive with available rainfall once established although supplemental irrigation may be needed or desirable during spring and summer months.

(Ord. No. 21-14 § 2 Amended 04/13/2021)

7-16-103. COMMERCIAL, INDUSTRIAL, AND CERTAIN RESIDENTIAL DEVELOPMENT.

(1) *Applicability.* The provisions of this section shall apply to all new and rehabilitated Landscaping for public agency projects, private Development projects, developer-installed Landscaping in multi-unit residential projects, and developer-installed Landscaping in single-unit residential projects that require a review process.

(2) *Documentation.* Landscape Plan Documentation Package. A copy of a Landscape Plan Documentation Package shall be submitted to and approved by the City prior to the issuance of any permits. A copy of the approved Landscape Plan Documentation Package shall be provided to the property Owner or site manager and to the local retail water purveyor. The Landscape Plan Documentation Package shall be prepared by a Designer who certifies that the package satisfies the requirements of this Chapter and its contents have been prepared or reviewed by individuals meeting State Code regulations. The Landscape Plan Documentation Package shall consist of the following items:

a. *Water Efficient Landscape Worksheets.* The Water Efficient Landscape Worksheets shall contain the following:

i. Project name and address;

ii. Applicant or Applicant's agent's name, address, phone and fax number;

iii. Designer's name, address, phone and fax number; and

iv. Landscape contractor's name, address, phone and fax number, if available at this time.

v. The annual Landscape Water Allowance, which shall be calculated using the following equation:

Landscape Water Allowance = ETO x 0.62 x A, where:

Landscape Water Allowance is in gallons per year

ETO = Reference Evapotranspiration in inches per year

0.62 = conversion factor (to gallons per square feet)

A = total Irrigated Landscape Area in square feet

NOTE: refer to the worksheet packet for formula data.

b. *Planting Plan.* A detailed Planting Plan shall be drawn at a scale that clearly identifies the following:

i. Location of all existing trees and plant materials to be removed and retained and all new plant materials with a planting schedule;

ii. Property lines and Street names;

iii. Existing and proposed Buildings, walls, Fences, utilities, paved areas and other site improvements;

iv. Designation of Landscape Zones, and

v. Details and specifications for tree staking, soil preparation, and other planting work.

c. *Irrigation Plan.* A detailed Irrigation Plan shall be drawn at the same scale as the planting plan and shall contain the following information:

i. Layout of the irrigation system and a legend summarizing the type and size of all components of the system, including manufacturer name and model numbers;

ii. Static water pressure in pounds per square inch (psi) at the point of connection to the public water supply;

iii. Flow rate in gallons per minute and design operating pressure in psi for each valve and precipitation rate in inches per hour for each valve with sprinklers; and

iv. Installation details for irrigation components.

d. *Grading Plan.* A Grading Plan shall be drawn at the same scale as the Planting Plan and shall contain the following information:

i. Property lines and Street names, existing and proposed Buildings, walls, Fences, utilities, paved areas and other site improvements; and

ii. Existing and finished contour lines and spot elevations as necessary for the proposed site improvements.

e. *Soils Report.* A Soils Report will be required where a site's irrigated landscaped areas exceed 2,500 square feet total. The Soils Report shall describe the depth, composition, and bulk Density of the topsoil and subsoil at the site, and shall include recommendations for soil amendments. The Planting Plan shall incorporate the recommendations of the Soils Report into the planting specifications.

f. *Irrigation schedule.* A monthly Irrigation Schedule shall be prepared that covers the initial 120-day plant establishment period and the typical long-term use period. This schedule shall consist of a table with the following information for each valve:

i. Plant type (for example, turf, trees, low water use plants);

ii. Irrigation type (for example, sprinklers, drip, bubblers);

iii. Flow rate in gallons per minute;

iv. Precipitation rate in inches per hour (sprinklers only);

v. Run times in minutes per day;

vi. Number of water days per week, and

vii. Cycle time to avoid Runoff.

(3) *Landscape Design Standards.* Plant Selection. Plants selected for landscape zones shall consist of plants that are well-suited to the microclimate and soil conditions at the project site. Plants with similar water needs shall be grouped together as much as possible.

a. For projects located at the interface between urban areas and natural open space (non-irrigated), Extra-Drought Tolerant Plants shall be selected that will blend with the native vegetation and are fire resistant or fire retardant. Plants with low fuel volume or high moisture content shall be emphasized. Plants that tend to accumulate excessive amount of dead wood or debris shall be avoided.

b. Areas with slopes greater than 33% shall be landscaped with deep-rooting, Water Conserving Plants for erosion control and soil stabilization.

c. *Mulch.* After completion of all planting, all irrigated non-turf areas shall be covered with a minimum four (4)-inch layer of Mulch to retain water, inhibit weed growth, and moderate soil temperature. Non-porous material shall not be placed under the mulch.

d. *Soil Preparation.* Soil preparation will be suitable to provide healthy growing conditions for the plants and to encourage water infiltration and penetration. Soil preparation shall include scarifying the soil to a minimum depth of six (6) inches and amending the soil with organic material as per specific recommendations of the Landscape Designer/Landscape Architect based on the Soils Report (when applicable).

(4) *Irrigation Design Standards.* Irrigation design standards for this Ordinance shall be as outlined in the latest version of the "Minimum Standards for Efficient Landscape Irrigation System Design and Installation" prepared by the Utah Irrigation Association. In addition, the following portions of this Section shall also be applicable:

a. *Pressure Regulation.* A pressure regulating valve shall be installed and maintained by the consumer if the static service pressure exceeds 80 pounds per square inch (psi). The pressure-regulating valve shall be located between the meter and the first point of water use, or first point of division in the pipe, and shall be set at the manufacturer's recommended pressure for the sprinklers.

b. *Landscape Water Meter.* A water meter which is separate from the water meter installed for indoor use shall be installed for landscape irrigation systems when

required by the local retail water purveyor for secondary water systems. The size of the meter shall be determined based on irrigation demand.

c. *Automatic Controller.* All irrigation systems shall include an electric automatic controller with multiple program and multiple repeat cycle capabilities and a flexible calendar program. All controllers shall be equipped with an automatic rain shut-off device, and the ability to adjust run times based on a percentage of maximum ETO.

d. On slopes exceeding 33 percent, the irrigation system shall consist of Drip Emitters, Bubblers or sprinklers with a maximum Precipitation Rate of 0.85 inches per hour and adjusted sprinkler cycle times to eliminate Runoff.

e. Each valve shall irrigate a landscape zone with similar site, slope and soil conditions and plant materials with similar watering needs. Turf and non-turf areas shall be irrigated on separate valves. Drip Emitters and sprinklers shall be placed on separate valves.

f. Parking strips and other landscaped areas less than eight (8) feet wide shall be landscaped with Water-Conserving Plants. Drip Emitters or a Bubbler shall be provided for each tree. Bubblers shall not exceed 1.5 gallons per minute per device. Bubblers for trees shall be placed on a separate valve unless specifically exempted by the City due to the limited number of trees on the project site.

g. Sprinklers shall have matched Precipitation Rates with each control valve circuit.

h. Check valves shall be required where elevation differences will cause low-head drainage. Pressure compensating valves and sprinklers shall be required where a significant variation in water pressure will occur within the irrigation system due to elevation differences.

i. Drip irrigation lines shall be underground, except for Drip Emitters and where approved as a temporary installation. Filters and end flush valves shall be provided as necessary.

j. Valves with spray or stream sprinklers shall be scheduled to operate between 9 p.m. and 8 a.m. to reduce water loss from wind and evaporation.

k. Program valves for multiple repeat cycles shall be required where necessary to reduce runoff, particularly on slopes and soils with slow infiltration rates.

l. When secondary or reuse water is available from the local water purveyor, it shall be used in the irrigation system.

(5) *Plan Approval, Construction Inspection and Post-Construction Monitoring.* As part of the building permit approval process, a copy of the Landscape Plan Documentation Package shall be submitted to the City for approval before construction begins. With the Landscape Plan Documentation Package, a copy of the Landscape Water Allowance Work-sheet shall be completed by the Designer and submitted to the City. Once approved, the Landscape Water Allowance Worksheet will be transmitted to the local water purveyor.

a. All Landscape Plan Documentation Packages submitted must be certified by a Designer.

b. All landscape irrigation systems shall be installed by an IA-certified Irrigation Contractor, or under the direct supervision of the Designer. The certified Person representing the contracting firm shall be a full-time employee of the firm and shall be directly involved with the project including, at least, weekly site visits.

c. All installers, Designers, and auditors shall meet state and local license, insurance, and bonding requirements, and be able to show proof of such.

d. After the Landscaping has been installed, the property Owner is encouraged to contact a certified water auditor and request a Water Audit. The Water Audit will determine the irrigation system efficiency and make recommendations for improvements.

e. The City reserves the right to perform site inspections at any time before, during or after the irrigation system and landscape installation, and to require corrective measures if requirements of this Ordinance are not satisfied.

The West Valley City Municipal Code is current through Ordinance 21-42, passed July 6, 2021.

Disclaimer: The city recorder's office has the official version of the West Valley City Municipal Code. Users should contact the city recorder's office for ordinances passed subsequent to the ordinance cited above.

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City Website: www.wvc-ut.gov
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Code Publishing Company

BIOSOLIDS HAULING

BOARD OF TRUSTEES
Mick Sudbury, Chairman
Jeff White
Dan L. Stewart

GENERAL MANAGER
Clint Dilley, P.E.

November 12th, 2026

Subject: Biosolids Hauling Recommendation

Chairman and Members of the Board,

In response to the upcoming relocation of the District's soil recycling site, we completed an evaluation comparing the continuation of internal hauling with contracted hauling services. We developed a grading matrix to compare costs, transportation risk, reliability/emergency response, and hauling efficiency. We then divided these primary criteria further into sub-criteria to evaluate specific aspects of each criterion. Weighting factors, which were based on professional judgment and experience, were then applied to the scores to reflect the relative importance of each criterion. The resulting scores for each option then combine to an overall score, which is shown in the summary table.

Based on the overall evaluation and results from the summary table, the matrix supports recommending contracted hauling rather than continuing to haul internally. While contracted hauling carries a higher annual cost, the additional cost is justified by the reduction in District transportation exposure and the increased staffing, equipment, and emergency-response redundancy the District gains by hiring it out. Contracting also allows us to defer the immediate trailer purchase and keep wastewater staff focused on plant and collections operations rather than dedicating an operator to hauling to the new landfill site in Tooele.

Of the contractors evaluated, Godfrey Trucking Inc. provides the strongest overall combination of capacity, reliability, and redundancy. They have the trucks, trailers, drivers, and backup resources available to keep hauling operations moving. That is a level of reliability the District would have a challenging time duplicating internally without additional staffing and equipment.

Therefore, due to its lower risk, greater reliability, and greater emergency response capabilities, we recommend contracting with Godfrey Trucking Inc. for biosolids hauling to the new ETSRS facility in Tooele starting January 2027.

Sincerely,

Dallas Henline

Dallas Henline
Director of Wastewater Operations
Magna Water District

Summary Table

Internal or Contracted Options	Criteria	Sub-Criteria	Total Sub-Criteria Weighted Scores	Overall Weight	Weighted Scores	Overall Score
Internal Hauling	Hauling Costs	Estimated Total Cost/year	4.60	20%	0.92	3.29
		Total Initial Capital Costs				
	Transportation Risk	Hauling Risk/Exposure	1.00	20%	0.20	
	Reliability and Emergency Response	MWD Man Power Req	2.70	30%	0.81	
		Staffing Redundancy				
		Equipment Redundancy				
		Emergency Response Time				
	Hauling Efficiency	Estimated Loads Per Year	4.55	30%	1.36	
Godfrey	Hauling Costs	Estimated Total Cost/year	4.01	20%	0.80	4.24
		Total Initial Capital Costs				
	Transportation Risk	Hauling Risk/Exposure	4.00	20%	0.80	
	Reliability and Emergency Response	MWD Man Power Req	3.80	30%	1.14	
		Staffing Redundancy				
		Equipment Redundancy				
		Emergency Response Time				
	Hauling Efficiency	Estimated Loads Per Year	5.00	30%	1.50	
EnviroCare	Hauling Costs	Estimated Total Cost/year	3.53	20%	0.71	3.61
		Total Initial Capital Costs				
	Transportation Risk	Hauling Risk/Exposure	4.00	20%	0.80	
	Reliability and Emergency Response	MWD Man Power Req	2.45	30%	0.74	
		Staffing Redundancy				
		Equipment Redundancy				
		Emergency Response Time				
	Hauling Efficiency	Estimated Loads Per Year	4.55	30%	1.36	

Grading Scheme

Criteria	Sub-Criteria	Definitions	Grading Sub-Criteria
Hauling Costs	**Yearly Costs**		Estimated total cost. Score based on lowest overall cost with the following formula. Score= (Lowest Estimated Cost/Estimated Cost)*5
	Added Staffing Costs	Estimated cost for neccesary additional staffing that will be required for internal hauling.	
	Fuel costs	Estimate based on current average of diesle fuel in Utah ($6.53/gallon as of 10/27) and 6545 gallons/year	
	Disposal Fees	Typical for all cases to an estimated $200,000/yr	
	Contractor Rate	Based on quoted contractor Rate.	
	Initial Capital Costs		
	Trailer Cost/additional capital costs	Cost of needed capital improvements (extra trailer will be needed for internal hauling)	
Hauling Liability	Hauling risk	Based on the percentage of liability each hauling option places on the District.	Based on the Percentage of Liability that is given to the District. A low score of 1 would occur if we have a liability of 100% and a high score of 5 at 0% hauling Liability. If we are hauling internally we will be taking 100% liability and therefore will recieve a score of 1 and vice versa.
Reliability and Emergency Response	MWD Manpower Req.	Based on how the hauling option affects our operational manpower to complete the loading and hauling process.	A score of 5 would mean that the option allows for greater operation capacity. A score of 3 would mean the option keeps our capacity the same. A score of 1 means it reduces our capacity for operations.
	Staffing Redundancy	Based on the number of drivers the hauling option can provide coverage if operator/driver aren't able to preform hauling operations.	A score of 5 would be an extensive amount of drivers, a score of 3 would be seen as relatively high amount of redundancy, and a score of 1 would be little to no redundancy.
	Equipment Redundancy	Based on # of redundant equipment the hauling option has access to.	A score of 5 would be an extensive amount of equipment, a score of 3 would be seen as some amount of redundancy, and a score of 1 would be little to no redundancy.
	Emergency Response and maintenance	The ability for the hauling option to respond to an emergency in a worst case scenario where an extensive amount of equipment fails or a lack of a workforce. The length of time to restore function and ability to obtain parts/replacements in a quick manner is also taken into account.	A score of 5 shows that the hauling option has ample ability to respond to all emergencies. A score of 4 shows most major and minor emergencies are covered. A score of 3 shows some major emergencies and most minor emergencies are covered. A score of 2 shows few major emergencies and some minor emergencies are covered. A score of 1 shows a response to very few emergencies.
Hauling Efficiency	Loads per Year	Based on how many loads are required to meet our 2025 solids loading rate of 7022.68 Tons/year. The equation below describes how the estimate loads per year were calculated. Annual Tons Produced/Estimated Tons Per Load = Estimated Loads per year	Based on the following formula. Score = (Lowest Estimated Loads/Estimated Loads)*5

Internal Hauling vs Contracted Hauling Grading Matrix

Criteria	Internal or Contracted Options	Sub-Criteria	Data	Sub-Criteria Score	Sub-Criteria Weight	Sub-Criteria Weighted Scores
Hauling Costs	Internal Hauling	Added Staffing Costs	$97,500	5.0	90%	4.50
		Fuel costs	$42,742			
		Disposal Fees	$200,000			
		Estimated Cost/year	**$340,242**			
		Additional Trailer	$150,000	1.0	10%	0.10
		Total Initial Capital Costs	**$150,000**			
	Godfrey	Disposal Fees	$200,000	3.9	90%	3.51
		Contractor Rate	$236,515			
		Estimated Cost/year	**$436,515**			
		Additional Capital Costs	$0	5.0	10%	0.50
		Total Initial Capital Costs	**$0**			
	EnviroCare	Disposal Fees	$200,000	3.4	90%	3.03
		Contractor Rate	$305,344			
		Estimated Cost/year	**$505,344**			
		Additional Capital Costs	$0	5.0	10%	0.50
		Total Initial Capital Costs	**$0**			
Transportation Risk	Internal Hauling	Hauling Risk/Exposure	100%	1.0	100%	1.00
	Godfrey	Hauling Risk/Exposure	25%	4.0	100%	4.00
	EnviroCare	Hauling Risk/Exposure	25%	4.0	100%	4.00
Reliability and Emergency Response	Internal Hauling	MWD Manpower Req	Internal hauling would require one additional operator to be purely dedicated to hauling, with capacity remaining the same.	3.0	20%	0.60
		Staffing Redundancy	No redundancy unless we get further staffing.	3.0	25%	0.75
		Equipment Redundancy	We would have access to two trailers(pending purcahse), only one truck	3.0	25%	0.75
		Emergency Response Time and Maintenance	We can respond accordingly to some minor emergencies like a flat tire but other emergencies would require the help of roadside assistance and could potentially require large downtimes.	2.0	30%	0.60
	Godfrey	MWD Manpower Req	No dedicated operator for hauling just typical loading operations.	3.0	20%	0.60
		Staffing Redundancy	Godfrey has an extensive workforce and can provide more backup than what MWD or envirocare can currently provide.	4.0	25%	1.00
		Equipment Redundancy	Has access to an ample amount of backup equipment	4.0	25%	1.00
		Emergency Response Time and Maintenance	Ample equipment and staffing support for effective emergency response, though some downtime is expected due to distance	4.0	30%	1.20
	EnviroCare	MWD Manpower Req.	No dedicated operator for hauling just typical loading operations.	3.0	20%	0.60
		Staffing Redundancy	Currently can provide 1 driver not certain on extra redundancy	3.0	25%	0.75
		Equipment Redundancy	Can only provide one truck and one trailer	2.0	25%	0.50
		Emergency Response Time and Maintenance	Distance and less equipment would create larger downtimes. Less provided staffing also would effect the emergency response.	2.0	30%	0.60
Hauling Efficiency	Internal Hauling	Estimated Loads Per Year	400	4.5	100%	4.55
	Godfrey	Estimated Loads Per Year	364	5.0	100%	5.00
	EnviroCare	Estimated Loads Per Year	400	4.5	100%	4.55

Exhibit A

Rate Agreement

This rate agreement will commence on __January 1, 2027_ _and will continue as part of the Agreement between Godfrey Trucking, Inc. (Carrier) and _Magna Water District_(Shipper), residing at _8885 West 3500 South Magna UT, 84044__. This rate agreement replaces any and all previous rate agreements, verbal or written, between Carrier and Shipper. All other terms and conditions of the Agreement between Carrier and Shipper shall remain in full force and effect. Shipments secured after receipt of rate proposal, without prior refusal of those rates, indicate acceptance of the proposed rates. Rates listed herein apply to shipments tendered of value no greater than $400,000. Carrier cannot and will not be liable for any value in excess of declared value unless agreed to in writing by both parties.

Changes to Exhibit will be marked by the following:
(@) - Denotes addition of rate (I) - Denotes Increase (D) - Denotes Decrease © - Denoted Cancellation

Origin City	Origin State	Destination City	Destination State	Rate Per Mile	Minimum Charge

Godfrey Trucking, Inc will provide truck, side dump with 38 foot tub and driver for transportation from Magna WRF to E.T. Technologies new Tooele County disposal facility. Magna Water District will be responible for covering disposal/tipping fees at disposal facility. Godfrey Trucking, Inc rate will be $650.00 per trip.

Godfrey Trucking, Inc.

By: _____
(Signature)

Name: _____
(Type or Print)

Title: _____

Date: _____

Magna Water District

By: _____
(Signature)

Name: _____
(Type or Print)

Title: _____

Date: _____

HEALTH INSURANCE

COORDINATED
EMPLOYEE BENEFITS PRO

Comapny Name:	Magna Water District
Effective date:	1/1/2027
Employees enrolling:	8

Agent Name:	Cassandra Magana
Agent phone:	801-864-2030
Agent Email:	cassandra@cbsut.com

MEDICAL RATES

		REGENCE BCBS - CURRENT	REGENCE BCBS - RENEWAL	UNITED HEALTH CARE
				Platinum 250
Plan Type		PPO	PPO	PPO
Benefit Details				
Deductible (Individual/Family)		$500/$1000	$500/$1000	$250/$500
Coinsurance		90%	90%	90%
Out of Pocket Max		$3,000	$4,500	$3500/$7000
Copay - Primary Care		$20	$20	$20
Copay - Specialist		$30	$35	$80
Prescription		$8/$30/20%	$8/$40/20%	$15/$50/$150
Rates				
Total Monthly		$29,162.16	$33,106.50	$32,521.08
Total Annually		$349,945.92	$397,278.00	$390,252.96
Network		Participating Network	Participating Network	UHC Choice Plus
Premium Increase			13.50%	11.50%

WATER &
SEWER RATES

Magna Water District Water and Sewer Rates Discussion

BOWEN COLLINS & ASSOCIATES

Overview

- Revenue Needs & Cash Flow
- Recommended Sewer Rates
- Recommended Culinary and Secondary Rate Changes
- Culinary and Secondary Rate Options
- Culinary and Secondary Rate Comparison
- Schedule

Figure 1
10-Year Revenue and Expenditures - Water

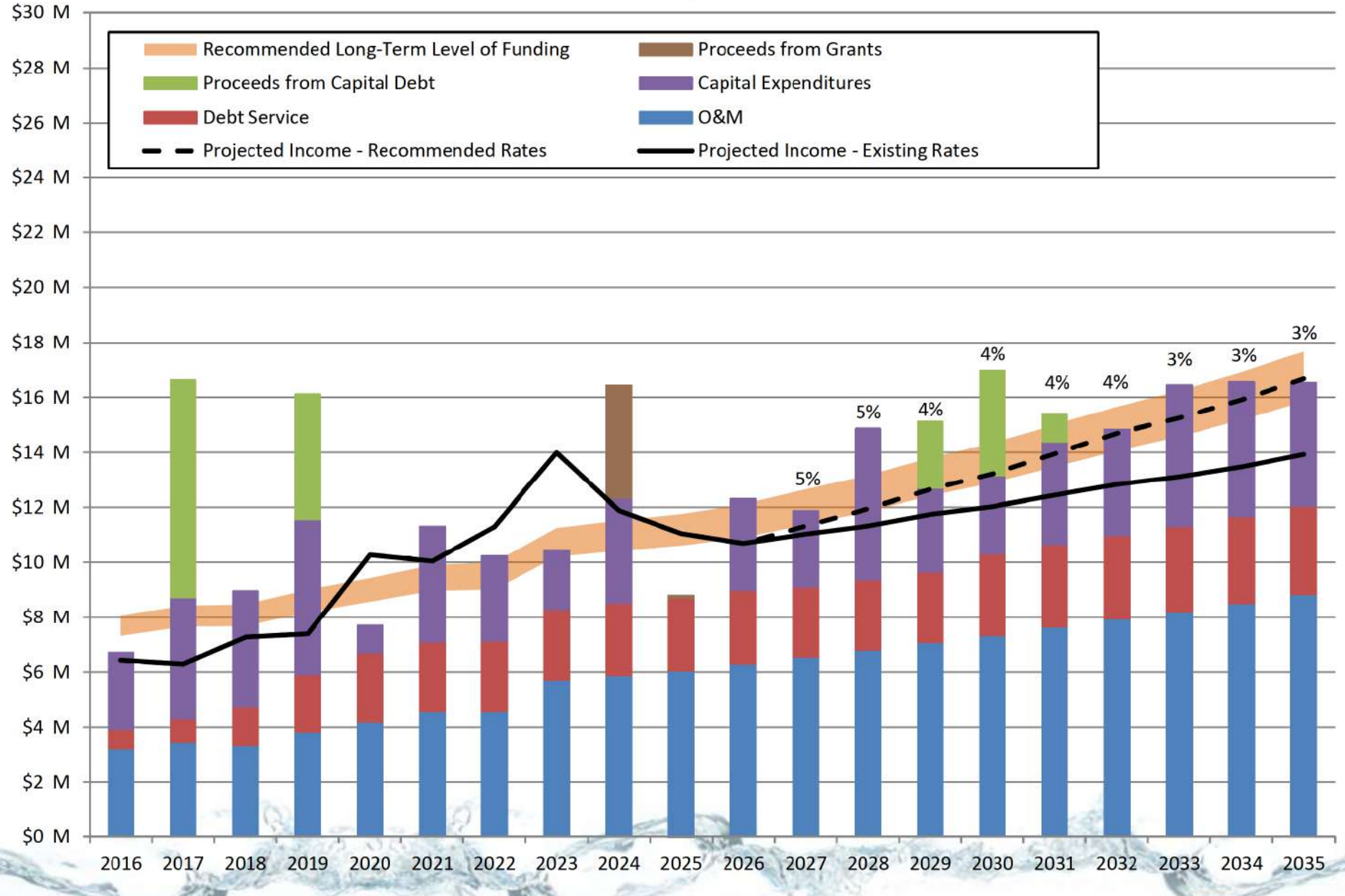
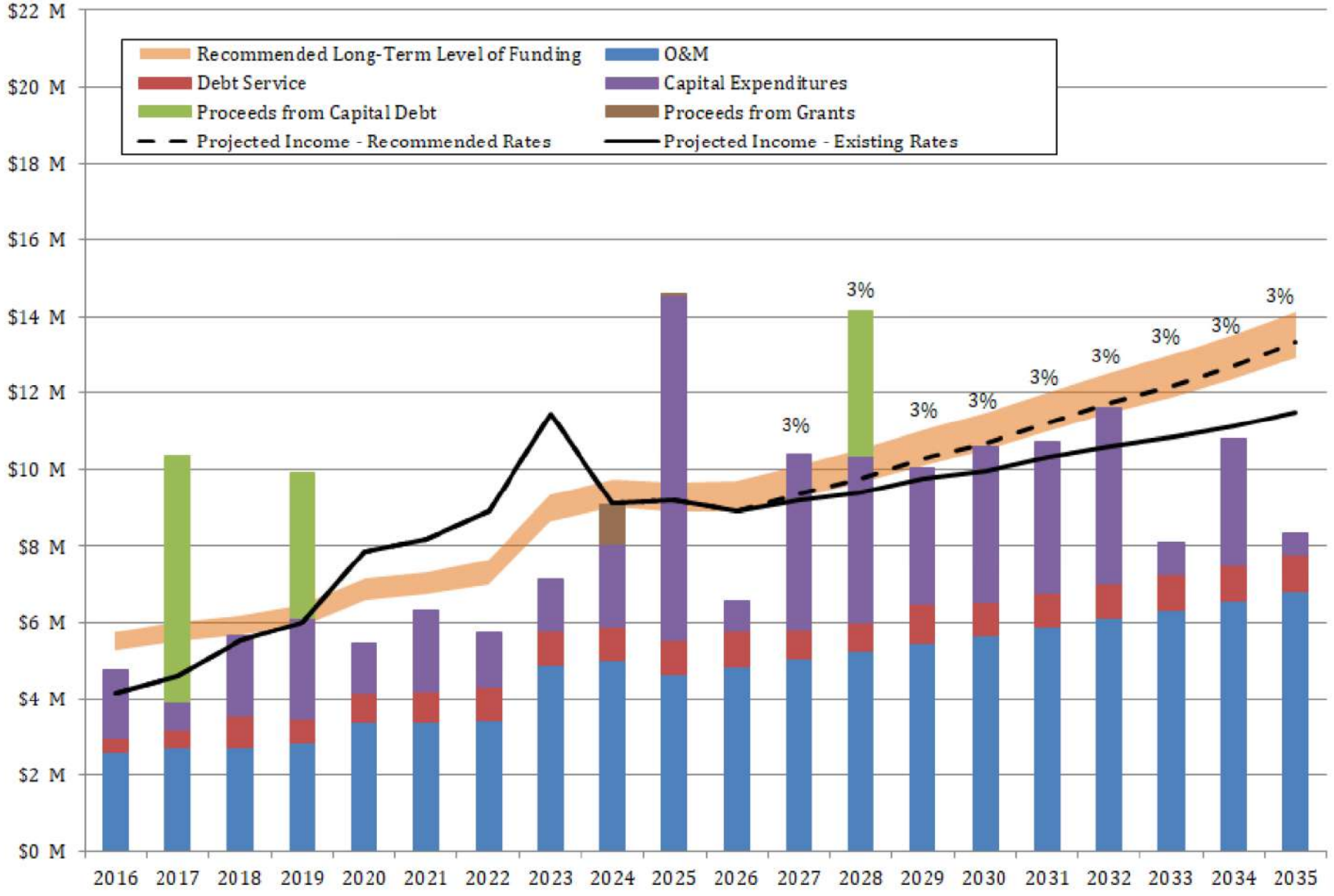
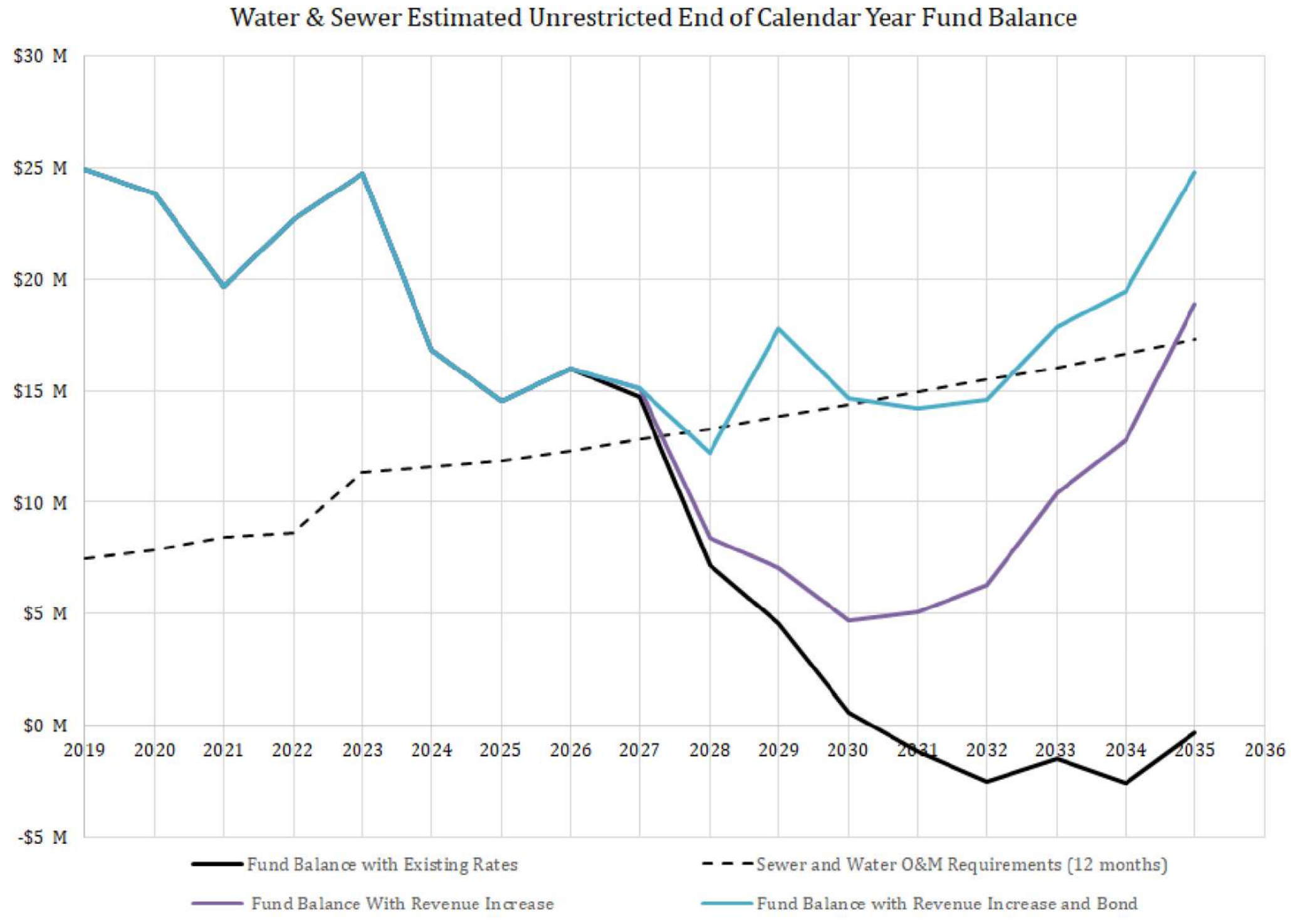


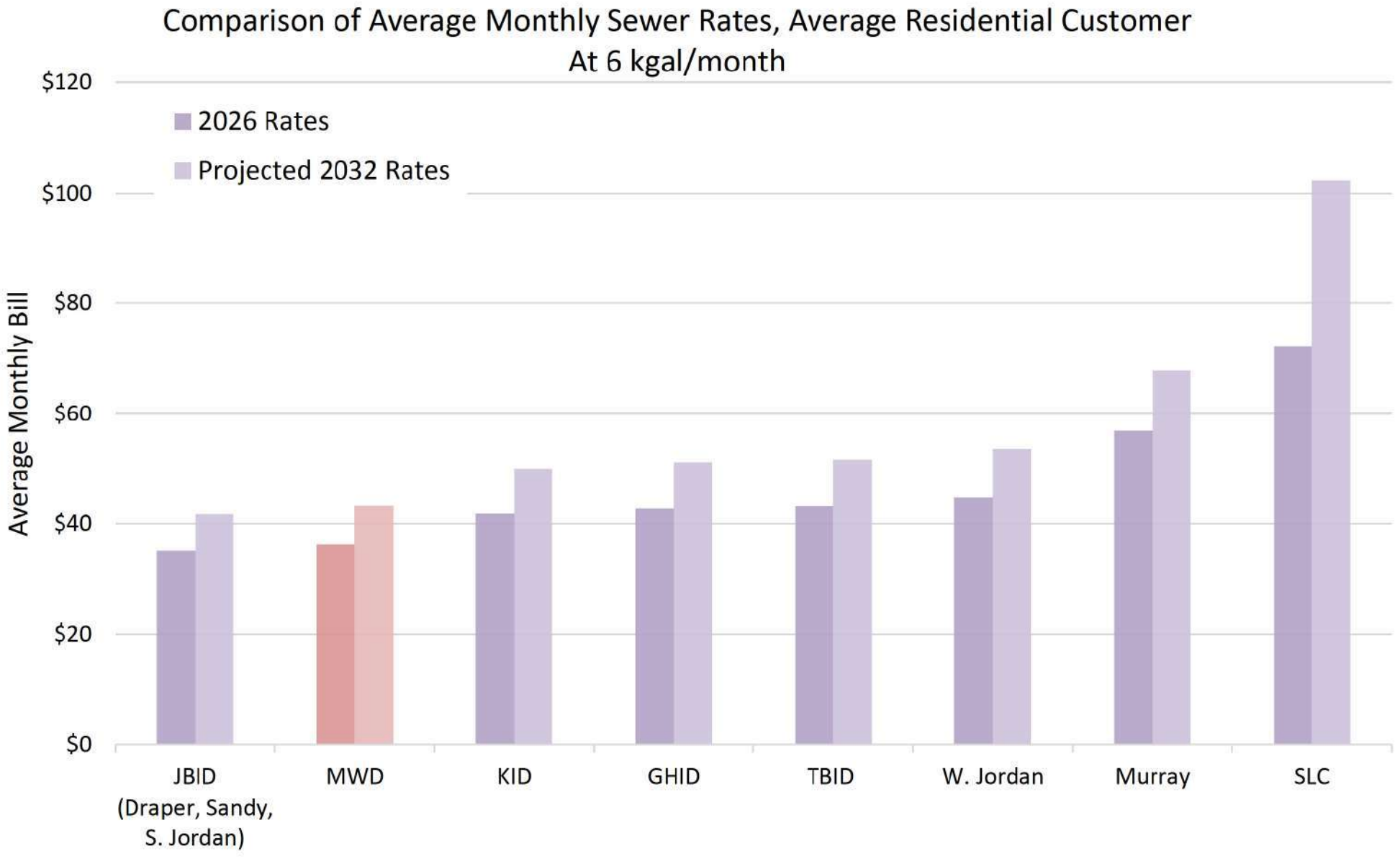
Figure 2
10-Year Revenue and Expenditures - Sewer




Water & Sewer Estimated Unrestricted End of Calendar Year Fund Balance
$30 M
$25 M
$20 M
$15 M
$10 M
$5 M
$0 M
-$5 M
2019
2020
2021
2022
2023
2024
2025
2026
2027
2028
2029
2030
2031
2032
2033
2034
2035
2036
Fund Balance with Existing Rates
Sewer and Water O&M Requirements (12 months)
Fund Balance With Revenue Increase
Fund Balance with Revenue Increase and Bond

Sewer Rates

Rate Type	Existing	2027	2028	2029	2030	2031	2032
Monthly Base Rate ($/month)	$36.23	$37.32	$38.44	$39.59	$40.78	$42.00	$43.26
Volume Rate ($/1,000 gal)	$1.96	$2.02	$2.08	$2.14	$2.21	$2.27	$2.34
% Increases	--	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
1 ERU Increase ($/month)	--	$1.09	$1.12	$1.15	$1.19	$1.22	$1.26

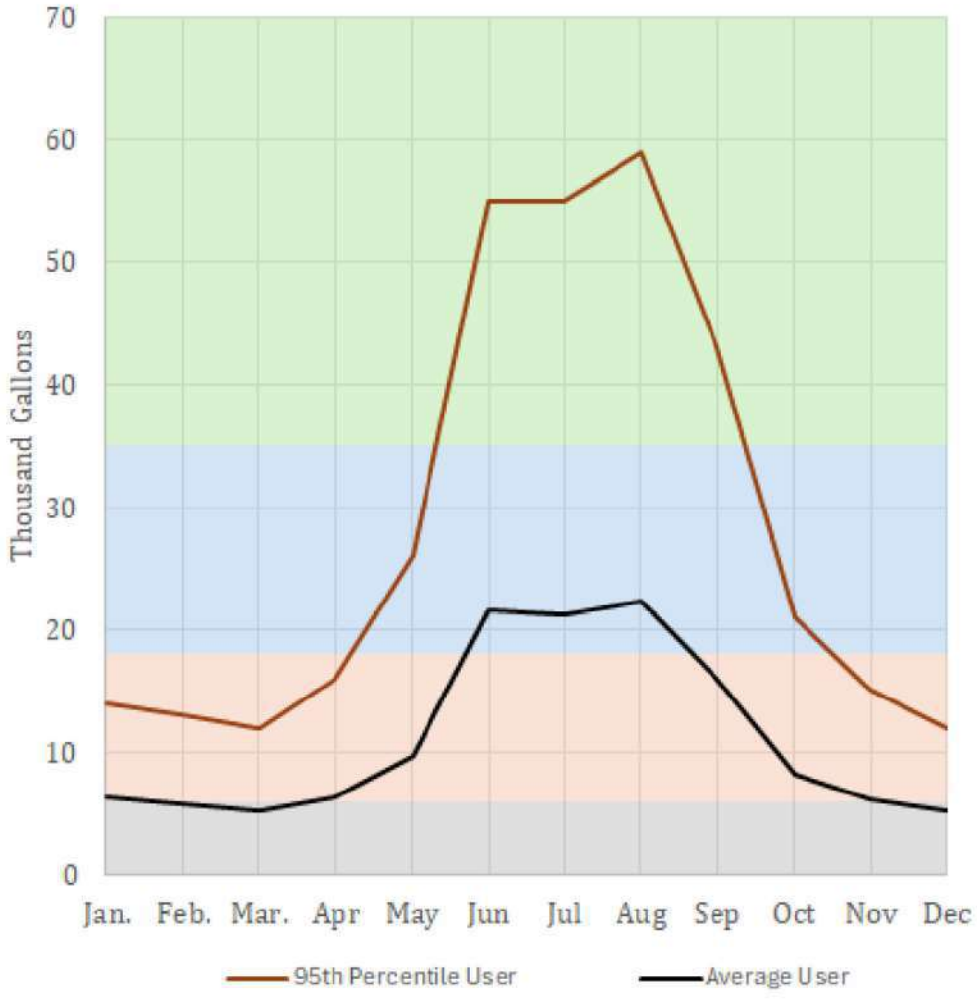


*FYE 2032 rates based on annual increase to account for inflation only (3%/year)

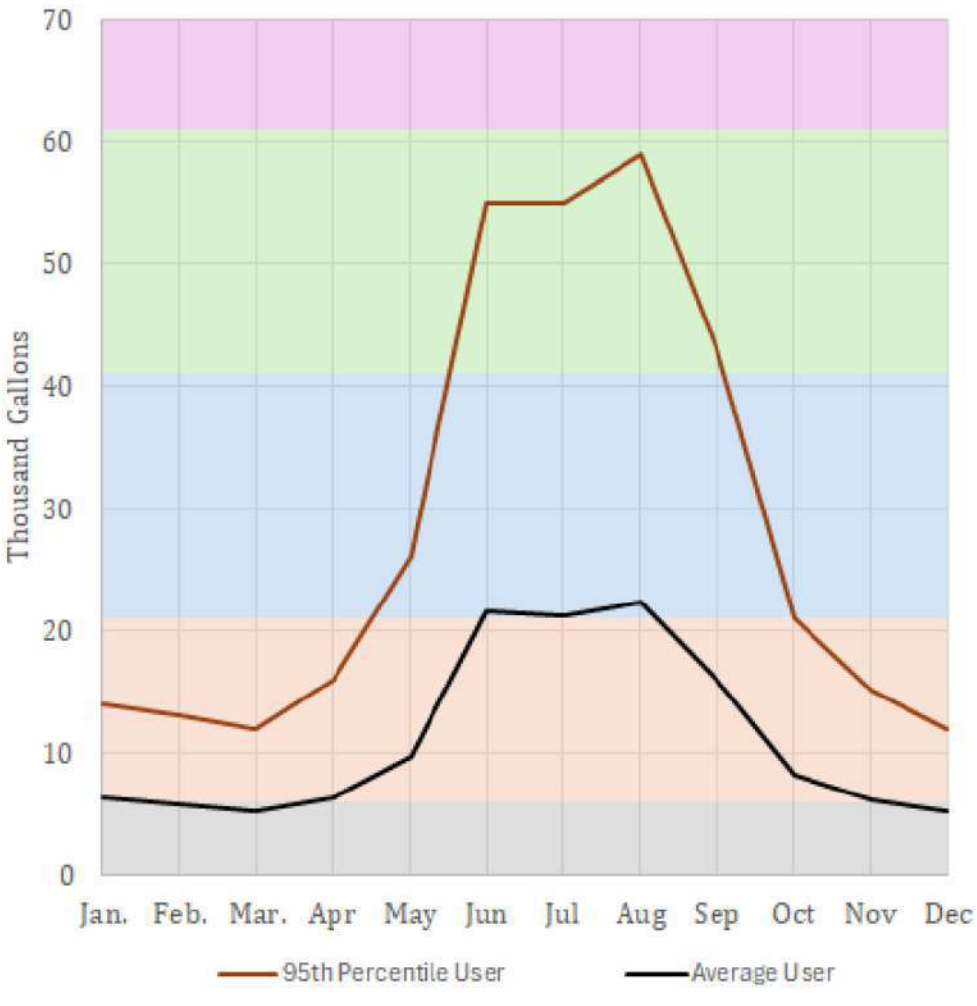
Water Rate Structure Changes

- Tier
- Cost of service charges for volume rates

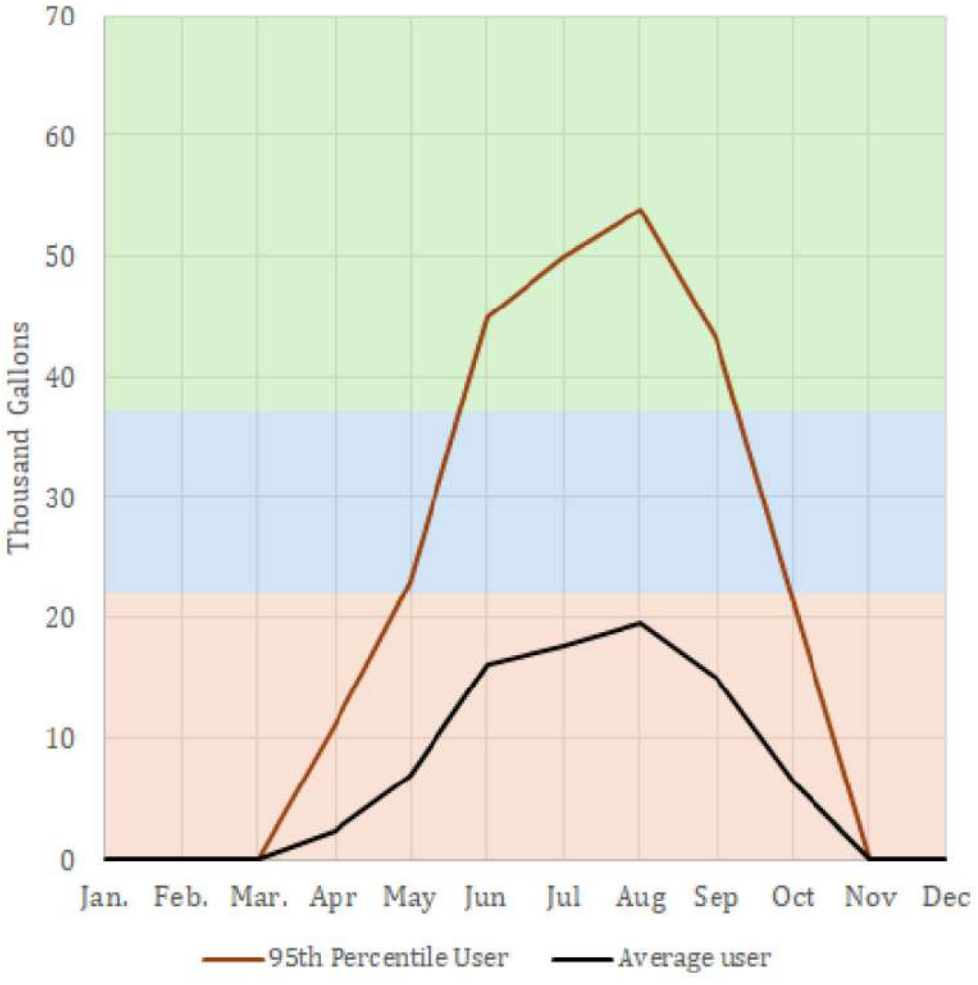
2026 Current - Culinary



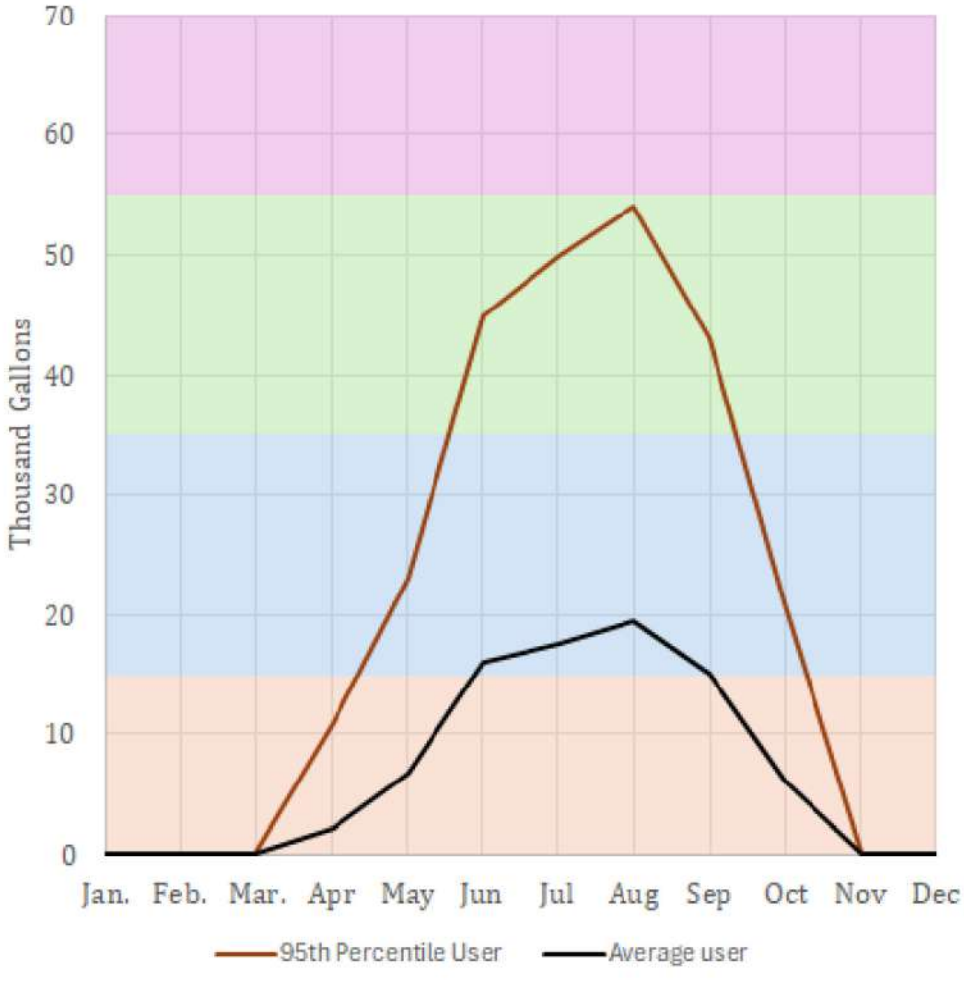
2027 Recommended - Culinary



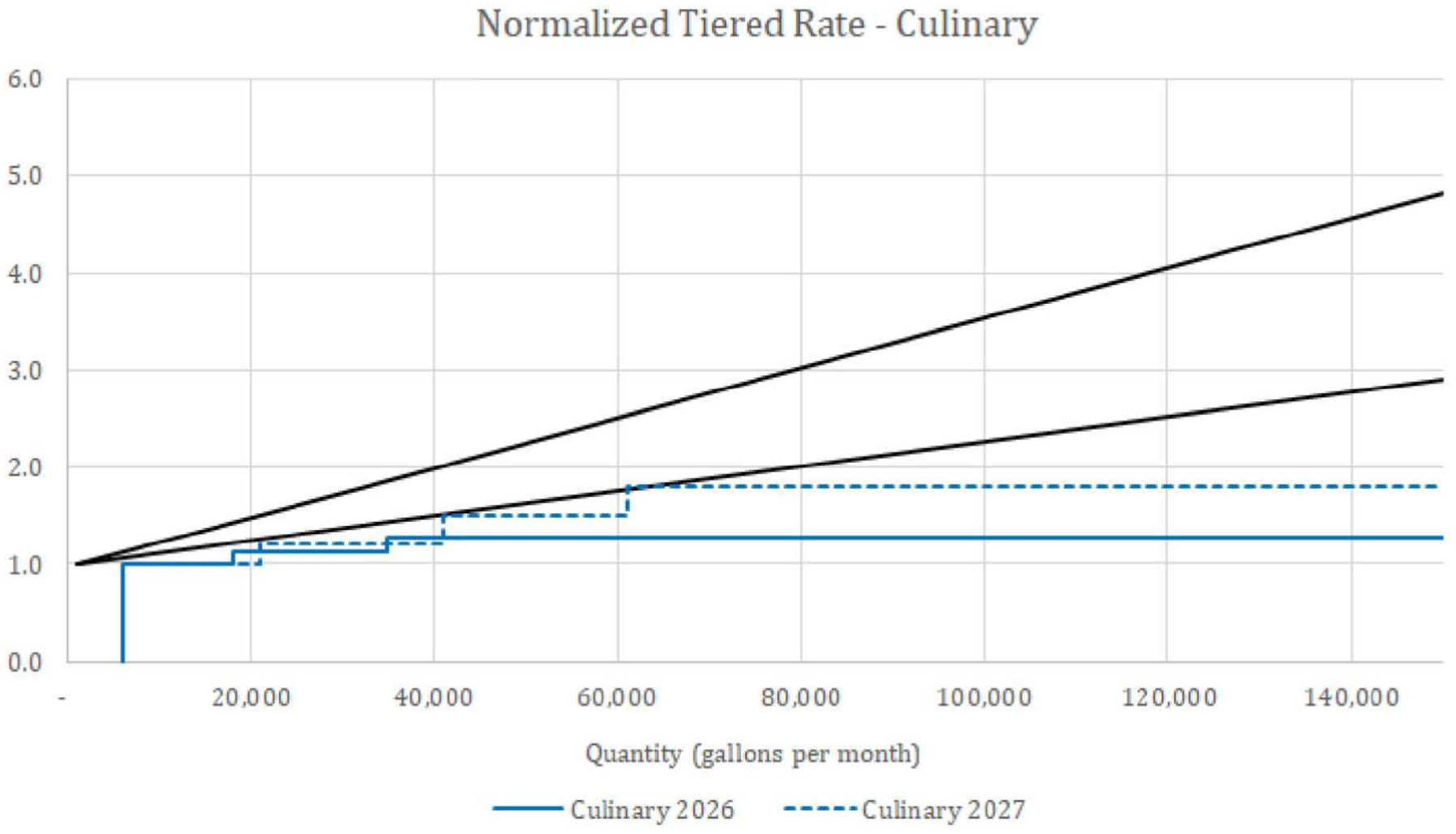
2026 Current - Secondary



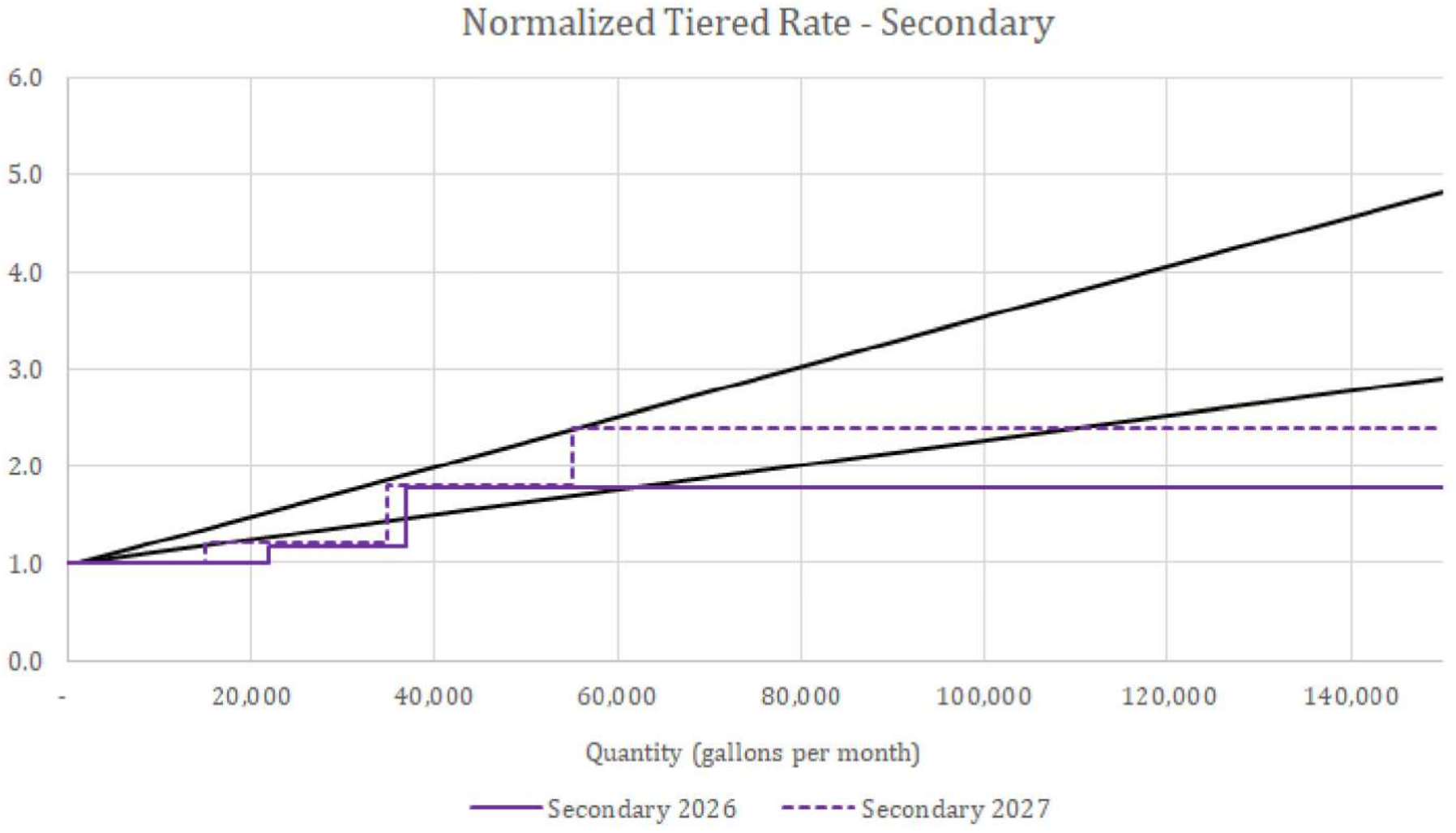
2027 Recommended - Secondary



Cost of Service – Culinary



Cost of Service – Secondary



Water Options

- Option 1:
  - same structure, implement % increase
- Option 2:
  - implement new tiers and cost of service charges to volume rate
- Option 3 (culinary only):
  - option 2 + no volume included in base rate (phase in)

Culinary Option 1

	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Base Rate ($/month)	$22.67	$23.93	$25.13	$26.14	$27.19	$28.28	$29.42	$30.31	$31.22	$32.16
Tier 1 (0 to 6 kgal)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Tier 2 (6 to 18 kgal)	$2.60	$2.75	$2.89	$3.01	$3.14	$3.27	$3.41	$3.52	$3.63	$3.74
Tier 3 (18 to 35 kgal)	$2.93	$3.10	$3.26	$3.40	$3.54	$3.69	$3.84	$3.96	$4.08	$4.21
Tier 4 (>35 kgal)	$3.32	$3.51	$3.69	$3.84	$4.00	$4.16	$4.33	$4.46	$4.60	$4.74

Culinary Option 2

	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Base Rate ($/month)	$22.67	$23.23	$24.40	$25.38	$26.40	$27.46	$28.56	$29.42	$30.31	$31.22
Tier 1 (0 to 6 kgal)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Tier 2 (6 to 21 kgal)	$2.60	$2.60	$2.73	$2.84	$2.96	$3.08	$3.21	$3.31	$3.41	$3.52
Tier 3 (21 to 41 kgal)	$2.93	$3.12	$3.28	$3.42	$3.56	$3.71	$3.86	$3.98	$4.10	$4.23
Tier 4 (41 to 61 kgal)	$3.32	$3.89	$4.09	$4.26	$4.44	$4.62	$4.81	$4.96	$5.11	$5.27
Tier 5 (> 61 kgal)	$0.00	$4.67	$4.91	$5.11	$5.32	$5.54	$5.77	$5.95	$6.13	$6.32

Culinary Option 3

	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Base Rate ($/month)	$22.67	$17.54	$18.41	$19.15	$19.91	$20.71	$21.54	$22.19	$22.85	$23.54
Tier 1 (0 to 6 kgal)	$0.00	$1.23	$1.40	$1.58	$1.75	$1.92	$2.10	$2.27	$2.45	$2.62
Tier 2 (6 to 21 kgal)	$2.60	$2.76	$2.81	$2.86	$2.90	$2.95	$3.00	$3.05	$3.10	$3.14
Tier 3 (21 to 41 kgal)	$2.93	$3.22	$3.28	$3.33	$3.39	$3.45	$3.50	$3.56	$3.61	$3.67
Tier 4 (41 to 61 kgal)	$3.32	$3.68	$3.74	$3.81	$3.87	$3.94	$4.00	$4.06	$4.13	$4.19
Tier 5 (> 61 kgal)	$0.00	$4.14	$4.21	$4.28	$4.35	$4.43	$4.50	$4.57	$4.64	$4.72

Option 1				
User Type	**Percentile**	**2026 Ave. $/month**	**2027 Ave. $/month**	**% Increase**
Residential (1 ERU)	10th (22 kgal)	$ 22.67	$ 23.93	6%
	Ave. (134 kgal)	$ 36.80	$ 38.88	6%
	95th (341 kgal)	$ 87.45	$ 92.44	6%
Commercial (1 ERU)	Ave. (286 kgal)	$ 72.96	$ 77.13	6%
	95th (1,104kgal)	$ 293.10	$ 309.89	6%
Wallace Stegner Academy	(3,019 kgal)	$ 873.92	$ 926.36	6%
Church (7517 W Washington Rd)	(2,061 kgal)	$ 586.66	$ 621.86	6%
Multi-Unit Housing (2615 S 7200 W)	(14,422 kgal)	$ 4,168.20	$ 4,418.30	6%
Option 2				
		2026 Ave. $/month	**2027 Ave. $/month**	**% Increase**
Residential (1 ERU)	10th (22 kgal)	$ 22.67	$ 23.23	2%
	Ave. (134 kgal)	$ 36.80	$ 37.06	1%
	95th (341 kgal)	$ 87.45	$ 86.02	-2%
Commercial (1 ERU)	Ave. (286 kgal)	$ 72.96	$ 72.25	-1%
	95th (1,104kgal)	$ 293.10	$ 321.47	10%
Wallace Stegner Academy	(3,019 kgal)	$ 873.92	$ 873.96	0%
Church (7517 W Washington Rd)	(2,061 kgal)	$ 586.66	$ 592.53	1%
Multi-Unit Housing (2615 S 7200 W)	(14,422 kgal)	$ 4,168.20	$ 4,248.84	2%
Option 3				
		2026 Ave. $/month	**2027 Ave. $/month**	**% Increase**
Residential (1 ERU)	10th (22 kgal)	$ 22.67	$ 19.80	-13%
	Ave. (134 kgal)	$ 36.80	$ 39.40	7%
	95th (341 kgal)	$ 87.45	$ 90.78	4%
Commercial (1ERU)	Ave. (286 kgal)	$ 72.96	$ 76.49	5%
	95th (1,104kgal)	$ 293.10	$ 316.49	8%
Wallace Stegner Academy	(3,019 kgal)	$ 873.92	$ 875.27	0%
Church (7517 W Washington Rd)	(2,061 kgal)	$ 586.66	$ 594.26	1%
Multi-Unit Housing (2615 S 7200 W)	(14,422 kgal)	$ 4,168.20	$ 4,526.68	9%

Secondary Option 1

	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Base Rate ($/month)	--	--	--	--	--	--	--	--	--	--
0 to 0.25 acre lot	$4.64	$4.88	$5.13	$5.34	$5.56	$5.73	$5.91	$6.09	$6.28	$6.47
0.25 to 0.49 acre lot	$9.27	$9.74	$10.23	$10.64	$11.07	$11.41	$11.76	$12.12	$12.49	$12.87
0.49 to 0.99 acre lot	$18.54	$19.47	$20.45	$21.27	$22.13	$22.80	$23.49	$24.20	$24.93	$25.68
> 0.99 acre lot ($/ERU)	$46.35	$48.67	$51.11	$53.16	$55.29	$56.95	$58.66	$60.42	$62.24	$64.11

	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Tier 1 (Not Used)	--	--	--	--	--	--	--	--	--	--
Tier 2 (0 to 22 kgal)	$1.24	$1.31	$1.38	$1.44	$1.50	$1.55	$1.60	$1.65	$1.70	$1.76
Tier 3 (22 to 37 kgal)	$1.46	$1.54	$1.62	$1.69	$1.76	$1.82	$1.88	$1.94	$2.00	$2.06
Tier 4 (>37 kgal)	$2.21	$2.33	$2.45	$2.55	$2.66	$2.74	$2.83	$2.92	$3.01	$3.11
Tier 5 (18 to 35 kgal)	--	--	--	--	--	--	--	--	--	--

Secondary Option 2

	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Base Rate ($/month)	--	--	--	--	--	--	--	--	--	--
0 to 0.25 acre lot	$4.64	$4.73	$4.97	$5.17	$5.38	$5.54	$5.70	$5.87	$6.05	$6.23
0.25 to 0.49 acre lot	$9.27	$9.46	$9.94	$10.34	$10.75	$11.07	$11.41	$11.75	$12.10	$12.46
0.49 to 0.99 acre lot	$18.54	$18.92	$19.88	$20.68	$21.50	$22.14	$22.82	$23.50	$24.20	$24.92
> 0.99 acre lot ($/ERU)	$46.35	$47.30	$49.70	$51.70	$53.75	$55.35	$57.05	$58.75	$60.50	$62.30

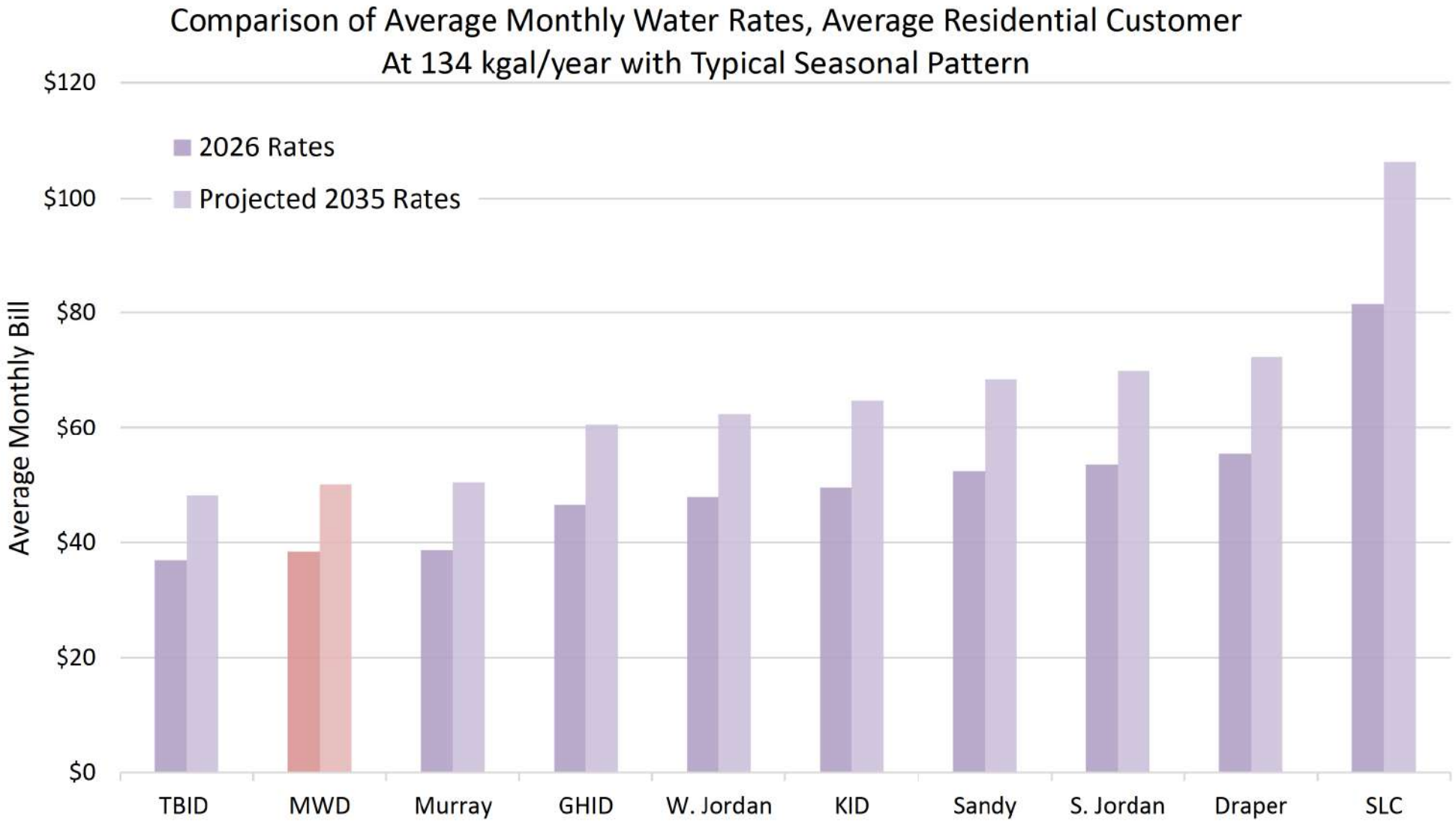
	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Tier 1 (Not Used)	--	--	--	--	--	--	--	--	--	--
Tier 2 (0 to 15 kgal)	$1.24	$1.22	$1.28	$1.33	$1.39	$1.43	$1.47	$1.51	$1.56	$1.61
Tier 3 (15 to 35 kgal)	$1.46	$1.47	$1.54	$1.61	$1.67	$1.72	$1.77	$1.82	$1.88	$1.94
Tier 4 (35 to 55 kgal)	$2.21	$2.20	$2.31	$2.40	$2.50	$2.57	$2.65	$2.73	$2.81	$2.90
Tier 5 (> 55 kgal)	--	$2.93	$3.08	$3.20	$3.33	$3.43	$3.53	$3.64	$3.75	$3.86

Secondary User Impacts

		Option 1		
User Type	**Percentile**	**2026 Ave. $/month**	**2027 Ave. $/month**	**% Increase**
Residential (1 ERU)	10th (11 kgal)	$ 5.81	$ 6.12	5%
	Ave. (83 kgal)	$ 13.26	$ 13.98	5%
	95th (245 kgal)	$ 34.61	$ 36.51	5%
Commercial (1 ERU)	Ave. (288 kgal)	$ 44.60	$ 47.04	5%
	95th (758 kgal)	$ 130.89	$ 138.02	5%
Copper Hills Elementary	(5,080 kgal)	$ 722.73	$ 762.33	5%
Church (8059 W 2700 S)	(2,568 kgal)	$ 373.13	$ 393.56	5%
Justin C. Stewart Plaza	(1,116 kgal)	$ 164.63	$ 173.64	5%
		Option 2		
User Type	**Percentile**	**2026 Ave. $/month**	**2027 Ave. $/month**	**% Increase**
Residential (1 ERU)	10th (11 kgal)	$ 5.81	$ 5.88	1%
	Ave. (83 kgal)	$ 13.26	$ 13.38	1%
	95th (245 kgal)	$ 34.61	$ 35.80	3%
Commercial (1 ERU)	Ave. (288 kgal)	$ 44.60	$ 47.86	7%
	95th (758 kgal)	$ 130.89	$ 158.57	21%
Copper Hills Elementary	(5,080 kgal)	$ 722.73	$ 741.50	3%
Church (8059 W 2700 S)	(2,568 kgal)	$ 373.13	$ 388.69	4%
Justin C. Stewart Plaza	(1,116 kgal)	$ 164.63	$ 170.12	3%

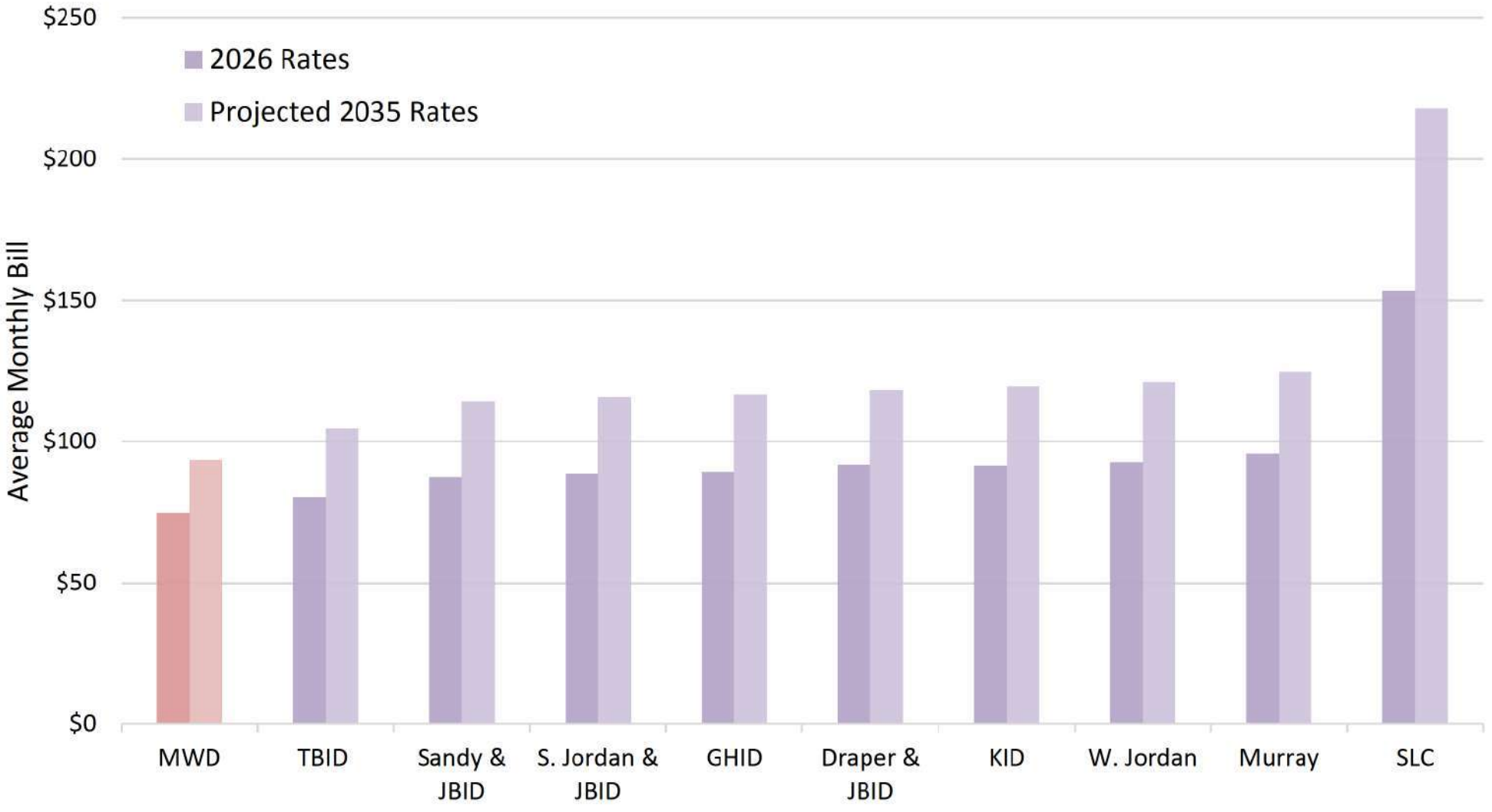
Culinary Only v. Culinary and Secondary User Comparison

No Access to Secondary			
	2026	2027	2035
Culinary ($/year)	$441.64	$473.80	$667.61
Secondary ($/year)	$ -	$ -	$ -
Total ($/year)	$441.64	$473.80	$667.61
Access to Secondary			
Culinary ($/year)	$272.04	$210.48	$282.48
Secondary ($/year)	$134.80	$221.35	$361.83
Total ($/year)	$406.84	$431.83	$644.31
Dollar Difference	$ 34.79	$ 41.97	$ 23.31
Percent Difference	8.6%	9.7%	3.6%



*FYE 2035 rates based on annual increase to account for inflation only (3%/year)

Comparison of Average Monthly Sewer & Water Rates, Average Residential Customer



*At 6 kgal/month for sewer service and 134 kgal/year with typical seasonal pattern for water service

*FYE 2035 rates based on annual increase to account for inflation only (3%/year)

Schedule

- Public Hearing
  - Set by Board, December or January 2027?
- Rate Implementation
  - Set by Board, February or March 2027?