MAGNA WATER DISTRICT AGENDA

FOR THE

REGULAR BOARD MEETING

10:00 AM

THURSDAY OCTOBER 9, 2025

8885 W 3500 S, MAGNA, UT 84044

GENERAL OFFICE BUILDING

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

OCOTBER 9, 2025
REGULAR BOARD MEETING AGENDA
MAGNA WATER DISTRICT

MEETING DATE: October 9, 2025, 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. Approval of common consent items

1. Minutes of the regular board meeting held September 11, 2025
2. Expenses for September 1 to September 28, 2025
   General Expenses: $1,239,162.37
   Zions Bank Bond Payment: $83,530.83

G. Employee Recognition

Gavin Henshaw – Water Distribution Grade II
Dawson Stewart – Water Distribution Grade I
Mark Manzanares – Wastewater Collections Grade II
Quin Gorringe – Wastewater Collections Grade I

H. New Employee Introduction

Gavin Ferguson

I. Department Reports:

1. General Manager Report
2. Engineering Report
3. Water Operations Report (water production and call out report)
4. Wastewater Operations Report

- Magna Water Reclamation Facility Operations Report

5. Controller/Clerk Report
   - Compliance Requirements Report

6. HR Manager Report

J. Water & Sewer Availability

Discussion and possible motion to approve the following developments:

1. PacifiCorp Lake Park Substation Landscaping

K. Project Awards & Agreements

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

1. (Trevor) AE2S Task Order for the Finish and Feed Tank Redundancy Project in the amount of $307,559.00.

2. (Trevor) AE2S Task Order for On-Call SCADA Instrumentation & Control Support Services.

3. (Steve) Award janitorial services for facilities.

L. Administrative

Discussion and possible motion to approve the following administrative items:

1. (LeIsle) Approval to surplus SCADA equipment pulled out of our old system and two additional used fire hydrants.

2. (Trevor & Dallas) WRF Wastewater Master Plan Update 2025.

3. (LeIsle) Resolution 2025-08 Adoption of the District's Tentative 2026 Budget.

For information and discussion only – no action items:

1. Next month's board meeting – November 13, 2025, at 10:00 am

M. Motion to take a brief recess and immediately following, meet in a closed meeting to discuss (1) the character, professional competence, or physical or mental health of an individual, (2) the purchase, exchange, or lease of real property, including any form of a water right or water shares, and (3) collective bargaining purposes pursuant to Utah Code Ann. §§ 52-4-204 through 205.

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

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

P. Other Business

Q. 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, September 11, 2025, 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 Team Present/Excused:
Clint Dilley, General Manager, present
LeIsle Fitzgerald, District Controller, present
Trevor Andra, District Engineer, excused
Dallas Henline, Wastewater Operations Manager, present
Andrew Sumsion, HR Manager, present
Steve Clark, Water Operations Manager, present

Also Present:
Nathan Bracken, Smith, Hartvigsen PLLC
Nate Rogers, Bowen Collins and Associates
Don Olsen, Epic Engineering
Joel Workman, AQS Consultants
Doyle Jenkins, Magna Resident
Todd Richards, Planning & Zoning
Stockton Denos, AE2S Engineering

Pledge of Allegiance: Chairman lead 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.

Approval of Common Consent Items:

Minutes of the regular board meeting held August 14, 2025
Expenses for August 4 to August 31, 2025:
General Expenses: $1,756,667.21
Zions Bank Bond Payment: $83,530.83

A motion was made by Dan Stewart, seconded by Jeff White, to approve the minutes of the regular board meeting held August 14, 2025, the general expenses from August 4 to August 31, 2025, and the Zions Bank Bond payment in the amount of $1,756,667.21 and $83,530.83; respectively. The motion was approved as follows: Dan Stewart, yea, Mick Sudbury, yea, and Jeff White, yea.

DEPARTMENT REPORTS

General Manager Report: Clint highlighted the following:

Staffing: Wastewater collections position interviews are ongoing. Staff engineer position was on hold, the issue with the union has been resolved, we will move forward with that position. Discussion of what level to bring someone in on was held.

Operations – Water: Mainline valves were installed on 3100 S before the City did the overlay on the road. Meter crew and office completed the lead and copper testing and notified the homeowners of the results and reported to the state it was complete. All results were good. Fluoride equipment and storage tanks have been removed. The SCADA installs are complete with the exception of the meters at Northrup Grumman discharge into the sewer system.

Operations – Wastewater: The permit compliance review with the division of water quality has been completed with good marks and no concerns. They have also been working on getting a storm water permit exemption.

Office: Clint attended a meeting regarding a new water system fee with the Division of Drinking Water, which will be discussed later on in the agenda. The operations manager has been getting quotes for the janitorial services of the district's facilities which will be brought back to the Board next month. Management has been looking at software to allow our customers see their water usage through a customer portal. It would allow the customer to see their usage, hourly, daily, monthly, and to set notifications for levels of usage and any usage if they are out of town. A recommendation of the software will be brought back to the Board at a near future date. The delinquent account count is higher than the last few months. We still have good response from our customers with getting their accounts caught up.

Communication & Morale: The District's Reuse Facility tour and open house is September 18, 2025 at 10:00 am. An end of summer employee appreciate luncheon will be September 4, 2025. Management is working with DR Horton on the roadway on 4100 S road. The SLCo Parks Director approached the District about providing potable water to the Great Salt Lake Marina. Clint reported that we had some customers report they were experiencing white spots on plants leaves from the secondary water. Dallas put some things

No action was taken, for full discussion please go to the board meeting recording beginning at position 1:44 to 37:17. Please also see the general manager's report inserted in the board meeting packet.

Engineering Report: Trevor reported on ongoing projects. No action was taken, for full discussion, please go to the board meeting recording beginning at position 37:18 to 41:27. Please also see the engineering insert in the board meeting packet.

Water Operations Report (including water production and call out report): Steve reported The culinary water production for the month of August was 255.08 million gallons or 782.89-acre feet, a 7.35% increase from 2024. YTD production for August was 1,372.68 million gallons or 4,212.91-acre feet, a 10.35% increase from 2024. We have purchased YTD 532.32-acre feet of water from Jordan Valley Water. The secondary water production for the month of August was 101.23 million gallons or 310.71-acre feet, a 7.09% increase from 2024. YTD as was 382.32 million gallons or 1,173.41-acre feet, a 11.65% increase from 2024. Steve reported the total number of call outs for water and wastewater

departments for August was 39, and total hours paid was 145.5. No action was taken, for full discussion please go to the board meeting recording beginning at position 41:28 to 44:26. Please also see the water production report inserted in the board meeting packet.

Wastewater Operations Report:
Magna Water Reclamation Facility Operations Report: Dallas reported reuse supply for the month of August. Dallas reported the status of the power that supplies the treatment plant. RMP has brought in new lines and poles and has looped the power so the plant will receive power from 7200 W and 8000 W. These power updates by Rocky Mountain Power will minimize the power failures the plant has been experiencing. Twin D is working on collection line repairs, should be done before winter. All filter blower upgrades have been done, and are working good. No actions were taken, for full discussion, please go to board meeting recording beginning at position 44:27 to 50:28. Please also see the wastewater report insert in the board meeting packet.

Controller Report/Clerk Report:
Compliance Requirements Report: LeIsle reported the District is compliance with legal requirements and internal policies. No actions were taken, for full discussion, please go to board meeting recording beginning at position 50:29 to 52:24. Please also see the controller/clerk insert in the board meeting packet.

HR Manager Report:
Andrew reported to the Board the following:

- Fall protection is the safety focus for the month
- 3 employees attending traffic control training 1 lead going to traffic control training.
- 1 lead going to traffic control training

No action was taken, for full discussion please go to the board meeting recording beginning at position 52:25 to 54:35.

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

Bowen Collins and Associates task order for the Water Conservation Garden Enhancement Project in the amount of $27,678: A motion was made by Jeff White, seconded by Dan Stewart to approve the Bowen Collins and Associates task order for the Water Conservation Garden Enhancement Project in the amount of $27,678. The motion was approved as follows: Jeff White, yea, Dan Stewart, yea and Mick Sudbury, yea. For full discussion please go to board meeting recording beginning at position 54:36 to 1:03:16.

Water Service Line Replacement project award to Tempest Enterprises in the amount of $512,100: A motion was made by Jeff White, seconded by Dan Stewart, to approve the water service line replacement project award to Tempest Enterprises in the amount of $512,100. The motion was approved as follows: Dan Stewart, yea, Jeff White, yea, and Mick Sudbury, yea. For full discussion please go to board meeting recording beginning at position 1:03:17 to 1:05:43.

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

Updates to Magna Water District Standard Details: A motion was made by Jeff White, seconded by Dan Stewart, to approve the updates to Magna water District Standard Details. The motion was approved as follows: Dan Stewart, yea, Jeff White, yea, and Mick Sudbury, yea. For full discussion, please go to board meeting recording beginning 1:05:44 to 1:07:26. Please also see the standard details insert in the board meeting packet.

For information and discussion only – no action items:

New Division of Drinking Water Public Water System Fee: Clint explained to the Board this fee is implemented by the Division of Drinking Water to substitute the federal funding the Division is no longer receiving. The Legislature made the decision that this fee will be charged to every water provider. It will be based on water usage, and the District will begin collecting this fee from it's customers in 2026 and the first fee will be due to the Division of Drinking Water in 2027. No action was taken, for full discussion, please go to board meeting recording beginning at position 1:07:27 to 1:16:33.

Next month's board meeting – October 9, 2025 at 10:00 am

Motion to take a brief recess and immediately following, meet in a closed meeting to discuss (1) the character, professional competence, or physical or mental health of an individual, (2) the purchase, exchange, or lease of real property, including any form of a water right or water shares, and (3) collective bargaining purposes pursuant to Utah Code Ann. §§ 52-4-204 through 205: Jeff White made a motion to take a brief recess and immediately following, meet in a closed meeting to discuss (1) the character, professional competence, or physical or mental health of an individual, (2) the purchase, exchange, or lease of real property, including any form of a water right or water shares, (3) collective bargaining purposes pursuant to Utah Code Ann. §§52-4-204 through 205. The motion was seconded by Dan Stewart, and approved as follows: Dan Stewart, yea, Mick Sudbury, yea, and Jeff White, yea at 11:17 am.

Motion to close the closed session and to reopen the open session of the Board Meeting: Jeff White made a motion to close the closed session and reconvene the open session at 1:01 pm. The motion was seconded by Dan Stewart and approved as follows: Dan Stewart, yea, Mick Sudbury, yea, and Jeff White, yea.

Consider action on any noticed agenda item discussed in closed meeting:

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 1:03 pm. The motion was approved as follows: Dan Stewart, yea, Mick Sudbury, yea, and Jeff White, yea.

_____ _____

Attest Chairperson

INVOICE PAYMENTS

MAGNA WATER DISTRICT
INVOICE PAYMENTS
09/01/2025 to 09/28/2025

Check Issue Date	Payee	Amount	Description
9/2/2025	AMERITAS LIFE INSURANCE CORP	1,848.76	INSURANCE
9/2/2025	MID ATLANTIC TRUST COMPANY	2,972.79	401(K)
9/3/2025	ALPINE SUPPLY	310.14	ELECTRICAL SUPPLIES-SHOP
9/3/2025	AQS ENVIRONMENTAL SCIENCE	2,000.00	SEWER CHEMIST CONSULTANT
9/3/2025	BATES, DEE	35,000.00	RELEASE OF CASH BOND - MAGNA HAMPTONS
9/3/2025	CHEMTECH-FORD, LLC	454.00	WWTP LAB & TESTING
9/3/2025	CHEMTECH-FORD, LLC	529.00	WATER LAB & TESTING
9/3/2025	CHEMTECH-FORD, LLC	338.00	WWTP LAB & TESTING
9/3/2025	CHEMTECH-FORD, LLC	454.00	WWTP LAB & PTESTING
9/3/2025	CHEMTECH-FORD, LLC	338.00	WWTP LAB & TESTING
9/3/2025	E.T. TECHNOLOGIES, INC	1,483.27	SLUDGE REMOVAL
9/3/2025	E.T. TECHNOLOGIES, INC	1,882.46	SLUDGE REMOVAL
9/3/2025	E.T. TECHNOLOGIES, INC	1,554.24	SLUDGE REMOVAL
9/3/2025	DEPT OF GOVERNMENT OPER	6,904.06	FUEL FOR VEHICLES
9/3/2025	HI- VALLEY CHEMICAL	2,701.49	CHEMICALS
9/3/2025	LAWSON PRODUCTS, INC.	2,312.84	HARDWARE & SUPPLIES- SHOP
9/3/2025	LEVERAGE IT SOLUTIONS	439.96	COMPUTER MONITORS - SHOP
9/3/2025	LEVERAGE IT SOLUTIONS	1,259.99	ON CALL LAPTOP
9/3/2025	MCGEES STAMP AND TROPHY CO.	72.00	SERVICE AWARD
9/3/2025	MOUNTAINLAND SUPPLY COMPANY	6,898.83	STOCK PARTS
9/3/2025	MOUNTAINLAND SUPPLY COMPANY	38.25	METER GASKETS
9/3/2025	MOUNTAINLAND SUPPLY COMPANY	70.06	METER FITTING
9/3/2025	MOUNTAINLAND SUPPLY COMPANY	(70.06)	RETURN- METER FITTING
9/3/2025	SEBIS DIRECT, INC	1,108.74	PROCESS OF MONTHLY BILLINGS - JUNE 2025
9/3/2025	SEBIS DIRECT, INC	2,525.49	PROCESS OF MONTHLY BILLINGS - JULY 2025
9/3/2025	THATCHER COMPANY	8,512.00	CHEMICALS
9/3/2025	THATCHER COMPANY	7,896.94	CHEMICALS
9/3/2025	THATCHER COMPANY	10,477.20	CHEMICALS
9/3/2025	THATCHER COMPANY	(2,800.00)	CHEMICALS
9/3/2025	THATCHER COMPANY	(5,000.00)	CHEMICALS
9/3/2025	THE LINCOLN NATIONAL LIFE	634.76	INSURANCE
9/3/2025	TRAILER SOURCE SPRINGVILLE	14,590.00	DECKOVER TILT TRAILER
9/3/2025	US CARGO CONTROL	3,000.00	INDUSTRIAL SPREADER BAR- SCREW PRESS- WWTP
9/3/2025	UTAH DEPT OF GOVERNMENT OPERATIONS	53,400.00	WATER RESOURCE LOAN
9/3/2025	UTAH LABOR COMMISSION SAFETY DIV.	102.00	ELEVATOR INSPECTION
9/3/2025	VANGUARD CLEANING SYSTEMS	650.00	CLEANING - OFFICE
9/3/2025	VANGUARD CLEANING SYSTEMS	350.00	CLEANING - OFFICE WWTP
9/3/2025	VANGUARD CLEANING SYSTEMS	542.00	CLEANING - EDR
9/3/2025	VORTEX COLORADO, INC.	865.20	DOOR HANDLE REPAIR-OFFICE
9/4/2025	POLYDYNE INC	14,140.17	CHEMICALS
9/4/2025	TWIN D INC.	70,250.00	SPOT & POINT REPAIRS- COLLECTIONS
9/4/2025	VESTIS	70.18	EDR UNIFORMS
9/4/2025	VESTIS	27.32	EDR MATS
9/4/2025	VESTIS	119.96	EDR LAB & TESTING
9/4/2025	VESTIS	79.77	SHOP UNIFORMS
9/4/2025	VESTIS	251.01	WWTP UNIFORMS
9/4/2025	VESTIS	70.18	EDR UNIFORMS
9/4/2025	VESTIS	27.32	EDR MATS
9/4/2025	VESTIS	119.96	ADMIN OFFICE MATS & SUPPLIES
9/4/2025	VESTIS	79.77	SHOP UNIFORMS
9/4/2025	VESTIS	250.84	WWTP UNIFORMS
9/4/2025	VESTIS	70.18	EDR UNIFORMS
9/4/2025	VESTIS	27.32	EDR MATS
9/4/2025	VESTIS	119.96	ADMIN OFFICE MATS & SUPPLIES
9/4/2025	VESTIS	88.53	SHOP UNIFORMS
9/4/2025	VESTIS	253.23	WWTP UNIFORMS
9/4/2025	VESTIS	70.18	EDR UNIFORMS
9/4/2025	VESTIS	27.32	EDR MATS
9/4/2025	VESTIS	119.96	ADMIN OFFICE MATS & SUPPLIES
9/4/2025	VESTIS	79.77	SHOP UNIFORMS
9/4/2025	VESTIS	662.61	WWTP UNIFORMS
9/5/2025	REGENCE BCBS OF UTAH	17,434.40	INSURANCE
9/9/2025	TRUGREEN COMMERCIAL	193.75	LAWN & TREEN MAINTENANCE- WWTP
9/10/2025	AMAZON CAPITAL SERVICES	189.25	FLYBUSTER FLY TRAP- WWTP
9/10/2025	AMAZON CAPITAL SERVICES	43.62	OFFICE SUPPLIES- WWTP
9/10/2025	AMAZON CAPITAL SERVICES	51.88	GAS CANS- LAWNCARE EQUIPMENT
9/10/2025	AMAZON CAPITAL SERVICES	53.99	TOOL BOX LINER- #31
9/10/2025	ARDURRA	4,185.00	MWD 2025 GIS SERVICES - 07.01.2025 TO 07.31.2025
9/10/2025	BEST BUY	171.91	TABLET- METER CREW
9/10/2025	BOB'S BELT SERVICE	267.20	RUBBER GLOVES

MAGNA WATER DISTRICT
INVOICE PAYMENTS
09/01/2025 to 09/28/2025

Check Issue Date	Payee	Amount	Description
9/10/2025	BOLT & NUT SUPPLY CO.	37.28	WASHERS- CARTRIDGE FILTERS- EDR
9/10/2025	BOWEN COLLINS & ASSOCIATES	3,366.35	MAGNA REUSE PROJECTS 6.28.2025 - 8.1.2025
9/10/2025	BOWEN COLLINS & ASSOCIATES	23,719.00	MWD MSTR PLN IMPACT FEE & RATE STUDY 6.28.2025-8.01.2025
9/10/2025	BOWEN COLLINS & ASSOCIATES	125.00	7200 W SECONDARY WATERLINE PROJECT 5.31.2025 - 8.1.2025
9/10/2025	CASH (PETTY)	5.80	TRANSMISSION PLUG -#44
9/10/2025	CASH (PETTY)	49.18	SAFETY MEETING REFRESHMENTS
9/10/2025	CASH (PETTY)	61.00	CDL LICENSE RENEWAL
9/10/2025	CASH (PETTY)	52.79	SAFETY MEETING REFRESHMENTS
9/10/2025	CASH (PETTY)	6.74	TRUCK KEY -#78
9/10/2025	CASH (PETTY)	27.50	DUPLICATE KEYS & NYLON AIR BRAKE- #44
9/10/2025	CASH (PETTY)	61.00	CDL LICENSE
9/10/2025	CHEMTECH-FORD, LLC	454.00	WWTP LAB & TESTING
9/10/2025	CHEMTECH-FORD, LLC	507.00	WWTP LAB & TESTING
9/10/2025	CHEMTECH-FORD, LLC	640.00	WWTP LAB & TESTING
9/10/2025	CHEMTECH-FORD, LLC	600.00	WATER LAB & TESTING
9/10/2025	CINTAS 1ST AID	62.27	ADMIN OFFICE CABINET STOCKED & CLEANED
9/10/2025	CINTAS 1ST AID	48.62	WWTP CABINET CLEANED & RESTOCKED
9/10/2025	CINTAS 1ST AID	92.65	WWTP ADMIN BLDG CABINET CLEANED & STOCKED
9/10/2025	CINTAS 1ST AID	233.24	SHOP CABINET CLEANED & RESTOCKED
9/10/2025	CINTAS 1ST AID	110.39	EDRCABINETS CLEANED &RESTOCKED
9/10/2025	CLARK, STEVE	480.00	RUAL WATER CONFERENCE MILEAGE & PER DIEM
9/10/2025	CLINT DILLEY	238.00	AWWA CONFERENCE PER DIEM
9/10/2025	CORRIO CONSTRUCTION, INC.	466,780.34	WRF INFLUENT PROJECT
9/10/2025	E.T. TECHNOLOGIES, INC	721.62	SLUDGE REMOVAL
9/10/2025	E.T. TECHNOLOGIES, INC	1,401.46	SLUDGE REMOVAL
9/10/2025	E.T. TECHNOLOGIES, INC	1,504.15	SLUDGE REMOVAL
9/10/2025	ELECTRO POWER UTAH LLC	499.65	REPAIR- VFD- CHOPPER PUMP- WWTP
9/10/2025	FLEET PRIDE	2,615.99	AXLE AIR JACK- REPLACEMENT-SHOP
9/10/2025	GRAINGER	57.49	PARTS TO REPAIR DRINKING FOUNTAIN-SHOP
9/10/2025	GRAINGER	248.71	SAFETY GLASSES & GLOVES
9/10/2025	GRAINGER	59.76	SAFETY GLASSES & GLOVES
9/10/2025	GRAINGER	167.16	SAFETY GLASSES & GLOVES
9/10/2025	HORROCKS	166.00	MWD HAYNES WELL 7 REHABILITATION
9/10/2025	HORROCKS	3,942.41	MWD HAYNES WELL 7 REHABILITATION
9/10/2025	I-D ELECTRIC COMPANY	100,133.13	MAGNA SCADA UPGRADE
9/10/2025	IGES, INC.	702.20	MAGNA WRF INFLUENT - MATERIALS TESTING
9/10/2025	IGES, INC.	1,146.25	WESTSIDE COLL PROJECT 2 DESIGN GEOTECHNICAL INVESTIG
9/10/2025	JORDAN VALLEY WATER	700.40	LABORATORY SERVICES - AUGUST 2025
9/10/2025	JUB ENGINEERS, INC.	51,061.14	MAGNA WESTSIDE COLL SYSTEM IMPROVEMENT PROJECT 2
9/10/2025	LARRY H MILLER - DSS UTAH	723.34	ROTOR HUBS - #52
9/10/2025	LARRY H MILLER - DSS UTAH	58.96	DOOR SCUFFS - #52
9/10/2025	LARRY H MILLER - DSS UTAH	37.96	DOOR SCUFFS - #52
9/10/2025	LEISLE FITZGERALD	491.40	AWWA ANNUAL CONFERENCE MILEAGE & PER DIEM
9/10/2025	LOWE'S	17.95	MISC SUPPLIES- SHOP
9/10/2025	LOWE'S	(170.05)	RETURN ITEMS- WWTP
9/10/2025	LOWE'S	54.11	MISC SUPPLIES- SHOP
9/10/2025	LOWE'S	94.98	MISC SUPPLIES- WWTP
9/10/2025	LOWE'S	86.78	MISC SUPPLIES- SHOP
9/10/2025	LOWE'S	23.73	MISC SUPPLIES- SHOP
9/10/2025	MECHANICAL SERVICE & SYSTEMS, INC.	100.00	QUARTERLY MAINTENANCE - ADMIN BUILDING WWTP
9/10/2025	MECHANICAL SERVICE & SYSTEMS, INC.	256.25	REPAIR COIL - COOLING UNIT - 4100 S BOOSTER
9/10/2025	METERWORKS	5,550.70	METER INSTALLATION
9/10/2025	METERWORKS	(396.60)	LEAK CAUSED BY MUD IN CUSTOMERS LINE
9/10/2025	MORGAN ASPHALT	844.80	ASHPHALT FOR REPAIRS
9/10/2025	MORGAN ASPHALT	434.40	ASHPHALT FOR REPAIRS
9/10/2025	ROCKY MOUNTAIN MEDICAL CLINIC	65.00	DOT PHYSICAL
9/10/2025	ROCKY MOUNTAIN MEDICAL CLINIC	130.00	DOT PHYSICAL
9/10/2025	SALT LAKE VALLEY SWMC, UT	32.30	GARBAGE DISPOSAL- WWTP
9/10/2025	SKM INC.	193.75	SCADA MAINTENANCE/SUPPORT WATER
9/10/2025	SKOGERBOE, MATT	480.00	RUAL WATER CONFERENCE MILEAGE & PER DIEM
9/10/2025	STANTEC CONSULTING SERVICES INC.	5,061.50	WESTSIDE COLLECTION SYSTEM IMPROVEMENTS, PROJECT 1B-CM
9/10/2025	STANTEC CONSULTING SERVICES INC.	17,454.32	MAGNA INFLUENT PROJECT PHASE 3 - ENGINEERING SERVICES
9/10/2025	STAPLES BUSINESS CREDIT	49.82	OFFICE SUPPLIES- OFFICE
9/10/2025	STAPLES BUSINESS CREDIT	90.08	OFFICE SUPPLIES- WWTP
9/10/2025	STAPLES BUSINESS CREDIT	13.78	OFFICE SUPPLIES- OFFICE
9/10/2025	STAPLES BUSINESS CREDIT	218.47	OFFICE SUPPLIES- WWTP
9/10/2025	STEWART, DAWSON	339.00	EXAM REIMBURSEMENT & BONUS
9/10/2025	THATCHER COMPANY	8,512.00	CHEMICALS
9/10/2025	THATCHER COMPANY	7,896.94	CHEMICALS
9/10/2025	THATCHER COMPANY	(2,100.00)	CHEMICALS

MAGNA WATER DISTRICT
INVOICE PAYMENTS
09/01/2025 to 09/28/2025

Check Issue Date	Payee	Amount	Description
9/10/2025	UTAH-IDAHO TEAMSTERS SECURITY FUND	41,836.50	UNION HEALTH & WELFARE
9/10/2025	WASATCH STEEL, INC.	185.15	STELL PLATE-MOTOR PALLET FOR TRANSPORTING
9/10/2025	WESTECH EQUIPMENT	393.13	VALVE- 8000 W BOOSTER
9/10/2025	WESTERN CONF TEAMSTERS PENSION	36,881.17	UNION PENSION CONTRIBUITION
9/11/2025	ALLSTATE	478.27	INSURANCE
9/12/2025	PURCHASE POWER	502.25	POSTAGE - POSTAGE METER
9/15/2025	IPS	146.88	PAYROLL PROCESSING SERVICES
9/15/2025	O'REILLY	30.89	MISC SUPPLIES- SHOP
9/15/2025	O'REILLY	251.83	MISC SUPPLIES- SHOP
9/16/2025	ENBRIDGE GAS	7.66	GAS 3291 S 8000 W
9/16/2025	ENBRIDGE GAS	39.89	GAS 6850 W 2820 S
9/16/2025	ENBRIDGE GAS	21.59	GAS 6026 PARKWAY BLVD
9/16/2025	ENBRIDGE GAS	24.00	GAS 8931 W 3500 S
9/16/2025	ENBRIDGE GAS	127.32	GAS 3291 S 8000 W
9/16/2025	ENBRIDGE GAS	14.34	GAS 8885 W 3500 S
9/16/2025	HOME DEPOT CREDIT SERVICES	727.94	CHAIN SAWS
9/16/2025	MID ATLANTIC TRUST COMPANY	2,972.79	401(K)
9/16/2025	WHEELER MACHINERY CO	481.22	SENSOR O-RING - #45
9/17/2025	ELITE GROUNDS, LLC	1,176.26	LANDSCAPING- OFFICE
9/17/2025	ELITE GROUNDS, LLC	979.08	LANDSCAPING- WWTP
9/17/2025	HUBER TECHNOLOGY	2,848.94	MOTOR- DRUM SCREEN #1 -WWTP
9/17/2025	THOMAS PETROLEUM	4,447.60	FUEL- BARTON GENERATOR
9/18/2025	JOHN DEERE FINANCIAL	5,130.00	JOHN DEERE TRACTOR LEASE
9/18/2025	ROCKY MOUNTAIN POWER CO.,	3,354.80	POWER BOOSTER STATION
9/18/2025	ROCKY MOUNTAIN POWER CO.,	73,370.56	POWER BARTON 1 & 2
9/18/2025	ROCKY MOUNTAIN POWER CO.,	5,959.54	POWER HAYNES WELL
9/19/2025	ROCKY MOUNTAIN POWER CO.,	54.00	POWER 3500 TANKS
9/19/2025	ROCKY MOUNTAIN POWER CO.,	19.48	POWER BACCHUS TANKS
9/19/2025	ROCKY MOUNTAIN POWER CO.,	1,859.66	POWER SECONDARY RES PUMP
9/19/2025	ROCKY MOUNTAIN POWER CO.,	6,551.53	POWER ADMIN OFFICE
9/19/2025	ROCKY MOUNTAIN POWER CO.,	491.30	POWER CEMENT BLDG SHOP
9/19/2025	ROCKY MOUNTAIN POWER CO.,	4,555.10	POWER 7600 RESERVOIR
9/19/2025	ROCKY MOUNTAIN POWER CO.,	12.29	POWER JORDAN VALLEY
9/23/2025	BLUE STAKES OF UTAH 811	391.38	BILLABLE & NON E-MAIL NOTIFICATIONS
9/23/2025	HUBER TECHNOLOGY	1,379.52	GASKETS & SEALS- LOWER GEARBOX- SCREW PRESS- WWTP
9/23/2025	HUBER TECHNOLOGY	3,600.00	HEADWORK BAGS- WWTP
9/23/2025	MOUNTAINLAND SUPPLY COMPANY	859.03	PARTS- SECONDARY
9/23/2025	MOUNTAINLAND SUPPLY COMPANY	5,213.89	STOCK PARTS
9/23/2025	MOUNTAINLAND SUPPLY COMPANY	129.14	METER GASKETS
9/23/2025	SMITH HARTVIGSEN, PLLC	1,971.50	GENERAL LEGAL MATTERS
9/23/2025	WORKERS COMPENSATION FUND OF U	1,461.75	WCF INSURANCE-SEPT 2025
9/24/2025	AIRGAS USA, LLC - CENTRAL DIVISION	6.00	ACETYLENE & OXYGEN RENTAL CYLINDERS
9/24/2025	AIRGAS USA, LLC - CENTRAL DIVISION	78.00	ARGON RENTAL CYLINDER
9/24/2025	ALPINE SUPPLY	34.40	ELECTRICAL SUPPLIES- SHOP
9/24/2025	BD BUSH EXCAVATION	1,800.00	HYDRANT METER DEPOSIT REFUND
9/24/2025	E.T. TECHNOLOGIES, INC	1,954.45	SLUDGE REMOVAL
9/24/2025	E.T. TECHNOLOGIES, INC	1,540.65	SLUDGE REMOVAL
9/24/2025	E.T. TECHNOLOGIES, INC	1,507.17	SLUDGE REMOVAL
9/24/2025	FILTER TECHNOLOGIES	788.10	HVAC FILTERS-WWTP
9/24/2025	INDIGO WATER GROUP	2,555.76	TRAINING- WWTP
9/24/2025	IRONCLAD ENVIRONMENTAL SOLUTIONS	1,800.00	HYDRANT METER DEPOSIT REFUND
9/24/2025	LA TECH	2,913.72	DIFFERENCIAL PRESSURE GUAGES- EDR
9/24/2025	MICKELSEN EXCAVATING	1,800.00	HYDRANT METER REFUND
9/24/2025	READY MADE CONCRETE, INC.	918.50	CONCRETE FOR REPAIRS
9/24/2025	SPEEDS POWER EQUIPMENT	289.61	PARTS FOR CHOP SAWS
9/24/2025	SPEEDS POWER EQUIPMENT	2.19	PARTS FOR CHOP SAWS
9/24/2025	STEVE REGAN CO.	1,946.75	WEED KILLER- WWTP
9/24/2025	THATCHER COMPANY	15,353.20	CHEMICALS
9/24/2025	THATCHER COMPANY	7,854.72	CHEMICALS
9/24/2025	THATCHER COMPANY	(7,500.00)	CHEMICALS
9/24/2025	THE RAGMAN COMPANY	587.00	RAGS- SHOP
9/24/2025	THE SALT LAKE TRIBUNE	293.00	SURPLUS SALE CLASSIFIED
9/24/2025	WASATCH ELECTRIC	1,088.48	REHANG WIRES- BARTON 2
9/24/2025	WEEKS ENGINEERING SYSTEMS	1,834.71	REPLACE VFD- IRRIGATION HIGH ZONE #1
9/25/2025	COSTCO WHOLESALE	163.02	OFFICE SUPPLIES- SHOP
9/26/2025	ROCKY MOUNTAIN POWER CO.,	2,839.48	POWER SHALLOW WELLS
		$ 1,239,162.37	

VENDOR NAME	AMOUNT	YTD Totals
AIRGAS USA, LLC - CENTRAL DIVISION	84.00	8,897.17
ALLSTATE	478.27	4,304.43
ALPINE SUPPLY	344.54	344.54
AMAZON CAPITAL SERVICES	338.74	7,330.80
AMERITAS LIFE INSURANCE CORP	1,848.76	15,466.86
AQS ENVIRONMENTAL SCIENCE	2,000.00	18,000.00
ARDURRA	4,185.00	48,055.00
BATES, DEE	35,000.00	35,000.00
BD BUSH EXCAVATION	1,800.00	2,194,856.01
BEST BUY	171.91	171.91
BLUE STAKES OF UTAH 811	391.38	4,404.64
BOB'S BELT SERVICE	267.20	704.30
BOLT & NUT SUPPLY CO.	37.28	119.22
BOWEN COLLINS & ASSOCIATES	27,210.35	242,670.58
CASH (PETTY)	264.01	1,212.20
CHEMTECH-FORD, LLC	4,314.00	56,406.00
CINTAS 1ST AID	547.17	3,857.01
CLARK, STEVE	480.00	1,085.40
CLINT DILLEY	238.00	714.00
CORRIO CONSTRUCTION, INC.	466,780.34	4,403,870.95
COSTCO WHOLESALE	163.02	1,774.29
DEPT OF GOVERNMENT OPER	6,904.06	42,506.19
E.T. TECHNOLOGIES, INC	13,549.47	127,989.44
ELECTRO POWER UTAH LLC	499.65	820.65
ELITE GROUNDS, LLC	2,155.34	16,508.13
ENBRIDGE GAS	234.80	65,539.14
FILTER TECHNOLOGIES	788.10	1,973.38
FLEET PRIDE	2,615.99	3,456.84
GRAINGER	533.12	10,803.38
HI- VALLEY CHEMICAL	2,701.49	16,881.53
HOME DEPOT CREDIT SERVICES	727.94	2,129.01
HORROCKS	4,108.41	45,240.58
HUBER TECHNOLOGY	7,828.46	25,028.00
I-D ELECTRIC COMPANY	100,133.13	495,174.13
IGES, INC.	1,848.45	41,433.64
INDIGO WATER GROUP	2,555.76	2,555.76
IPS	146.88	1,594.31
IRONCLAD ENVIRONMENTAL SOLUTIONS	1,800.00	1,800.00
JOHN DEERE FINANCIAL	5,130.00	5,130.00

VENDOR NAME	AMOUNT	YTD Totals
JORDAN VALLEY WATER	700.40	247,514.82
JUB ENGINEERS, INC.	51,061.14	81,047.46
LA TECH	2,913.72	2,913.72
LARRY H MILLER - DSS UTAH	820.26	820.26
LAWSON PRODUCTS, INC.	2,312.84	9,103.32
LEISLE FITZGERALD	491.40	744.66
LEVERAGE IT SOLUTIONS	1,699.95	38,713.65
LOWE'S	107.50	6,667.72
MCGEES STAMP AND TROPHY CO.	72.00	72.00
MECHANICAL SERVICE & SYSTEMS, INC.	356.25	42,124.58
METERWORKS	5,154.10	638,088.15
MICKELSEN EXCAVATING	1,800.00	1,800.00
MID ATLANTIC TRUST COMPANY	5,945.58	228,338.81
MORGAN ASPHALT	1,279.20	6,707.94
MOUNTAINLAND SUPPLY COMPANY	13,139.14	102,916.91
O'REILLY	282.72	2,040.73
POLYDYNE INC	14,140.17	68,773.68
PURCHASE POWER	502.25	2,402.86
READY MADE CONCRETE, INC.	918.50	4,535.32
REGENCE BCBS OF UTAH	17,434.40	147,599.90
ROCKY MOUNTAIN MEDICAL CLINIC	195.00	4,436.00
ROCKY MOUNTAIN POWER CO.,	99,067.74	785,591.35
SALT LAKE VALLEY SWMC, UT	32.30	32.30
SEBIS DIRECT, INC	3,634.23	65,421.02
SKM INC.	193.75	31,021.10
SKOGERBOE, MATT	480.00	480.00
SMITH HARTVIGSEN, PLLC	1,971.50	30,908.00
SPEEDS POWER EQUIPMENT	291.80	291.80
STANTEC CONSULTING SERVICES INC.	22,515.82	239,581.93
STAPLES BUSINESS CREDIT	372.15	2,781.04
STEVE REGAN CO.	1,946.75	11,357.36
STEWART, DAWSON	339.00	339.00
THATCHER COMPANY	49,103.00	273,911.93
THE LINCOLN NATIONAL LIFE	634.76	6,831.50
THE RAGMAN COMPANY	587.00	1,174.00
THE SALT LAKE TRIBUNE	293.00	1,975.40
THOMAS PETROLEUM	4,447.60	13,468.18
TRAILER SOURCE SPRINGVILLE	14,590.00	14,590.00
TRUGREEN COMMERCIAL	193.75	775.00

VENDOR NAME	AMOUNT	YTD Totals
TWIN D INC.	70,250.00	70,250.00
US CARGO CONTROL	3,000.00	3,000.00
UTAH DEPT OF GOVERNMENT OPERATIONS	53,400.00	53,400.00
UTAH LABOR COMMISSION SAFETY DIV.	102.00	102.00
UTAH-IDAHO TEAMSTER SECURITY FUND	41,836.50	376,528.50
VANGUARD CLEANING SYSTEMS	1,542.00	13,878.00
VESTIS	2,615.37	24,644.44
VORTEX COLORADO, INC.	865.20	865.20
WASATCH ELECTRIC	1,088.48	4,704.47
WASATCH STEEL, INC.	185.15	380.03
WEEKS ENGINEERING SYSTEMS	1,834.71	2,063.46
WESTECH EQUIPMENT	393.13	393.13
WESTERN CONF TEAMSTERS PENSION	36,881.17	259,883.00
WHEELER MACHINERY CO	481.22	34,414.39
WORKERS COMPENSATION FUND OF U	1,461.75	18,928.25
TOTALS	1,239,162.37	11,937,137.69

MAGNA WATER DISTRICT
ZIONS BANK BOND PAYMENT
09/01/2025-09/28/2025

Check Issue Date	Payee	Amount	Description
9/3/2025	ZIONS FIRST NATIONAL BANK	83530.83	5436869-BOND SER 2013
		$ 83,530.83	

MANAGER'S REPORT

MEMO

TO: **MWD Board of Directors**

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

DATE: **10/01/25 (October 9th 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

- Wastewater Collections
    - Candidate selected for collections crew starts on 10/6/25
- Engineering
    - Staff Engineer Position posted on 10/1/25 and began interviewing candidates

OPERATIONS

- Water Operations
    - Preparing for secondary water shutdown in October and maintenance plans
    - Evaluating need for dredging of pond with secondary water quality improvements
    - Coordination of customer notification options for upcoming LCCR service line replacements
- WWTP Operations
    - WWTP team worked with EDR team to successfully flush the brine pipeline to the drying beds
    - Finalizing preliminary design for change house review meeting with team
    - DE & WW OM presenting preliminary findings from draft WWTP Master Plan update
- Office
    - HR MGR looking into options for safety glass for door to front office
    - Controller looking into customer payment assistance programs to help with water bills
    - Team reviewing 3 different vendors for AMI customer metering portals

- Delinquent accounts
    - August 2025
        - Accounts that are delinquent: 743
        - Total of all delinquent accounts: $268,059.50
        - Average delinquent account balance: $360.78
        - Pink notices sent out = 312
            - Pink notices were 65% effective
        - Red notices were 92% effective as of 8/28/25

    - July 2025
        - Accounts that are delinquent: 499
        - Total of all delinquent accounts: $178,402.56
        - Average delinquent account balance: $357.52
        - Pink notices sent out = 384
            - Pink notices were 71% effective
        - Red notices were 95% effective as of 7/30/25

    - June 2025
        - Accounts that are delinquent: 220
        - Total of all delinquent accounts: $38,569.45
        - Average delinquent account balance: $175.31
        - Pink notices sent out = 260
            - Pink notices were 52% effective
        - Red notices were 97% effective as of 6/23/25

COMMUNICATION & MORALE

- Continue working toward improving communication w/ board members & community partners
    - Reuse Open House tour was successful with estimated turnout between 40-50 people
    - GM reached out to principals for Brockbank JR and Lakeridge Elementary to set up class tours of the Reuse facilities
- Work to improve communication & morale with employees
    - Final quarterly performance and goal reviews coming up in Oct/Nov
    - Several operator certification achievements this month
- Work to improve communication with customers
    - Thorough and prompt response to customer concerns and complaints
        - None

ENGINEERING REPORT

Engineering Report (Updated 10/01/25)

Capital and General Engineering Projects

- 8800 West Water line Project
  - Postponed till later date
- **7200 W and 3100 S Secondary Water Project**
  - Completed potholes needed to finish design
- **Influent Pump Station**
  - Processing submittals and RFI's
  - **Grit Building roof deck and roof access stairs are installed.**
  - **Pump Station: Backfill wrapping up, forming for screw channels.**
  - **Continuing site piping, manholes and connection to east head works**
- **WWTP Facility Plan Update**
  - **Present WWTP Master Plan in October Meeting**
- **Haynes Well #8 Replacement**
  - Well drilling and casing design complete
  - Pump house design complete
  - Working on paperwork and agreement for $1.31 million grant
    - Submitted work plan and cost estimate to EPA for review
    - Resubmitted work plan and CatEx for final approval
    - **EPA understaffed but working on review of documents**
    - Anticipate starting application soon
- **Haynes Well #7 Rehabilitation**
  - **Completed acid treatment and chlorine treatment.**
  - **Completed swap and developed well.**
  - **Installing pump this week. Operational after pump installation.**
- West Side Collection Phase 1B Project
  - Have start location for relocation of fiber. Working on drawings and with UDOT to find an approved contractor.
- **West Side Collection Phase 2 Project**
  - **60% Design complete, moving towards 90% design**
- Solids Handling Building Expansion
  - Plan review in progress
- **Change House**
  - **Working on layout and scheduling meeting with architect**
- **Zone 3 Secondary Water Reservoir**
  - **Held pre-construction meeting**
  - **Reviewing submittals**
  - **Construction November with completion before the 2026 irrigation season**
- **Lead and Copper Service Line Replacement**
  - **Bidding complete**
  - **Finalizing loan with State**
- Railroad Parcel
  - Hold property

WATER OPERATIONS REPORT

Water Production Report & Callout Report

September 2025

Water Production Summary

The culinary water production for the month of September was 204.17 million gallons or 626.63-acre feet, a 4.98% increase from 2024. YTD production for September was 1,576.85 million gallons or 4,839.54-acre feet, a 9.65% increase from 2024.

We have purchased YTD 600.51-acre feet of water from Jordan Valley Water.

The secondary water production for the month of September was 66.43 million gallons or 203.88-acre feet, a 8.78% increase from 2024. YTD as was 448.75 million gallons or 1,377.29-acre feet, a 11.22% increase from 2024.

Callout Report – Water and Wastewater Combined

Total number of call outs - 18
- Water – 12
- Wastewater - 6

Total Hours for call outs – 59
- Water – 41
- Wastewater – 18

Mainline Leak – 2
Service Line Leaks – 1
Miscellaneous - 15

Summary Of Water Deliveries
MAGNA WATER DISTRICT
System # 18014
Sep-25

Source	Month's Deliveries (AF)		Change %	Current Month's Gall	Deliveries YTD (AF)		Change %	YTD Gallons
CULINARY WATER	**2025**	**2024**			**2025**	**2024**		
Well Sources Barton and Haynes	631.66	609.68			4,837.61	4,378.33		
To Waste	69.45	77.63			533.83	521.37		
Total Finished Blend EDR	558.44	528.75			4,239.03	3,768.93		
JVWCD Magna Reading	67.61	65.60			594.35	596.89		
JVWCD	68.19	**66.66**			**600.51**	**603.47**		
Total Culinary Water	**626.63**	595.41	4.98%	204,173,600	4,839.54	4,372.40	9.65%	1,576,857,639
SECONDARY WATER								
Irrigation Well #1	19.33	40.56			40.67	209.27		
Irrigation Well #2	15.05	-			113.50	59.79		
Irrigation Well #3	0.89	9.72			18.13	26.83		
High Zone (secondary)	56.66	48.84			384.46	321.27		
Low Zone (secondary)	-	86.85			4.40	605.56		
WWTP Reuse (secondary)	111.95	-			816.13	-		
Total Secondary Water	203.88	185.97	8.78%	66,430,017	1,377.29	1,222.72	11.22%	448,759,646
Total Production of Water	830.51	781.38	5.92%	270,603,412	6,216.83	5,595.12	10%	2,025,617,285

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

SEPTEMBER CALL OUTS

Dept.	Employee	Date	Hours	Description
WATER	MATTHEW HUNTER	9/1/2025	3	SECONDARY COLDSIDE LEAK- 8179 W GALLATION PEAK DR
			3	WATER IN ROAD- HOTSIDE LEAK-2987 S BREEZE DR
WATER	GAVIN HENSHAW	9/4/2025	3	TURN OFF WATER- COLDSIDE LEAK- 7353 MADISON DR
		9/5/2025	3	WATER IN ROAD- HOTSIDE LEAK- 7548 W TAM DR
		9/15/2025	3	NO WATER- 3707 S ELKRIDGE DR
EDR	JUSTIN LONG	9/6/2025	3	HIGH ZONE SECONDARY PUMP VFD FAIL
WWTP	BEAU LAMPER	9/8/2025	3	HELPED CORRIO WITH INFLUENT BYPASS
		9/9/2025	3	STOPPED BYPASS & STARTED INFLUENT PUMPS, REMOVED BAFFLES
WATER	CHRIS THOMPSON	9/8/2025	3	EMERGENCY BLUE STAKES- ENBRIDGE- 2900 S 9050 W
EDR	JON DAVIS	9/11/2025	5	EDR SCADA ISSUES
EDR	ED TUCKER	9/12/2025	3	ASSIST JJ ON HOW TO ADJUST UNITS & ASSIST ON 9/11/2025 WITH SCADA ISSUES
WWTP	CHET DRAPER	9/13/2025	3	WEST HEADWORKS- HIGH LEVELS
		9/14/2025	3	TRITON BLOWER 7&3 RESET
		9/25/2025	3	SCREW PRESSES OVER TRAVELLED- TAKE MOTOR OFF AND RESET SCREENS.
		9/28/2025	3	CLARIFIER 3 LOST CONNECTION TO SCADA- RESET FUSE
WATER	MIKE HARMS	9/19/2025	3	NO WATER- 8602 W CORDERO, ANOTHER TOWNHOME HAD A BREAK, COLDSIDE
		9/21/2025	3	COLDSIDE SECONDARY LEAK- 7772 W BLAWN WASH; HOTSIDE LEAK- 3244 S 8200 W- TIGHTENED NUT
		9/22/2025	3	WATER LEAKING ON MAINLINE- 3119 S JEAN ST
WATER	CONNOR MCREYNOLDS	9/26/2025	3	COLDSIDE LEAK- SHUT OFF PER CUSTOMER REQUEST FOR REPAIR- 2771 S TARPAN RD

Total Callout Hours	**59**
Total Callouts	**18**
Total Water/EDR Hours	**41**
Total # of Water Callouts	**12**
Total WWTP Hours	**18**
Total WWTP Callouts	**6**

LEAKS

Date	Address	Hours	Mainline/Service
9/1/2025	2987 S BREEZE DR	3	SERVICE
9/5/2025	7548 W TAM DR	3	MAINLINE
9/22/2025	3119 S JEAN ST	3	MAINLINE
	TOTAL	**9**	

WASTEWATER OPERATIONS REPORT

Magna WRF Operations Report: September 2025

Overview:

- **Average daily plant flows held steady at 2.86 MGD, just slightly below August**
- **Reuse deliveries slowed to 36.2 MG with irrigation demand tapering. We anticipate some late season system maintenance and flushing to keep flows moving into October.**
- **Happy to report the Reuse Open House was a success, drawing an estimated 40-50 attendees. Feedback was very supportive.**

Improved Water Quality for Reuse:

Effluent quality remained excellent in September, with BOD and TSS removal efficiencies at 98%. This consistency highlights process stability even as influent loadings increased compared to August.

PARAMETER	Permit Limit	July-2025	Aug-2025	Sep-2025
Influent BOD (mg/L)	N/A	235	167	222
Effluent BOD (mg/L)	25	5.0	5.0	5.0
BOD Removal Percent (%)	85	98	97	98
Influent TSS (mg/L)	N/A	275	144	258
Effluent TSS (mg/L)	25	4	4	4
TSS Removal Percent (%)	85	98	97	98
Additional Plant Parameters				
Wasting Rate (MGD)	N/A	.130	.130	.151
Daily Average Plant Flow (MGD)	N/A	2.972	2.950	2.859
Monthly Total Reuse Flow (MG)	N/A	73.29	53.4	36.2

***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.

SRT (Solids Retention Time) is the average amount of time the microorganisms used to treat wastewater are kept in the system before being wasted or removed.

Monthly Highlights :

- **Increased wasting rate from .130 MG to .151 MG as part of seasonal adjustment while leaning out the system ahead of colder weather. With slower biological activity in winter, longer retention times are needed to maintain treatment performance. Our Solids Retention Time (*SRT) typically ranges from 15 days in the summer to 22 days in the winter.**

CONTROLLER/ CLERK REPORT

COMPLIANCE OF LEGAL REQUIREMENTS
AND INTERNAL POLICIES CHECK LIST

LEGAL REQUIREMENTS	DATE COMPLETED	DUE DATE	NEXT SCHEDULED FOR
Posting of Annual Schedule of Regular Board Meetings	1/2/2025	1st Monday in January	1/1/2026
Adoption of District's Annual Tentative Budget	10/9/2025	11/30/2025	10/1/2026
Annual Certification and Filing of Budget with State Auditor	11/30/2025	12/31/2025	12/31/2026
Annual Filing of Impact Fees Report with State Auditor	3/31/2025	3/31/2025	3/31/2026
Annual Filing of Financial Statements with State Auditor	6/30/2024	6/30/2024	6/30/2025
Participation in Utah Public Finance Website (transparent.utah.gov) Salaries/Benefits	1/31/2025	1/31/2025	1/31/2026
Quarterly Budget to Actual Reports provided to Board of Trustees			
1st Quarter	5/8/2025	May	05/31/2026
2nd Quarter	8/14/2025	August	08/31/2026
3rd Quarter	11/13/2025	November	11/30/2026
4th Quarter	2/28/2026	February	02/28/2027
Quarterly Expenditures and Revenues posted to Utah Public Transparency Website			
1st Quarter	4/27/2025	04/30/2025	04/30/2026
2nd Quarter	7/31/2025	07/31/2025	7/31/2026
3rd Quarter	10/31/2025	10/31/2025	10/31/2026
4th Quarter	1/31/2026	01/31/2026	1/31/2027
WWTP Annual Biosolids Report to State	2/10/2025	3/1/2025	3/1/2026
OSHA 300 Report - Posted & Submitted	3/2/2025	3/2/2025	3/2/2026
Board member contact information (name, phone number, and email address) posted on the Utah Public Notice Website	1/8/2025	30 days after information has changed	1/8/2026
Semi-annual Report to State Money Management Council			
June 30 Report	7/15/2024	07/31/2024	7/31/2025
December 31 Report	1/25/2025	01/31/2025	1/31/2026
File statement with Division of Corporations re: receipt of notice of claim	1/1/2025	January	1/1/2026
File with Registry of Lieutenant Governor	4/23/2025	A year from the last filing	4/30/2026
Disclosure regarding responsibility of homeowner to repair retail water line	3/31/2025 10/31/2025	Semi-Annually	10/31/2024
Year End W-2's	1/28/2025	January 31	1/31/2026
Quarterly Payroll Reports			
1st Quarter	4/27/2025	4/30/2025	4/30/2026
2nd Quarter	7/31/2025	7/31/2025	7/31/2026
3rd Quarter	10/31/2025	10/31/2025	10/31/2026
4th Quarter		1/31/2026	1/31/2027
Annual Sales Tax Return	1/28/2025	January 31	1/31/2026

LEGAL REQUIREMENTS	DATE COMPLETED	DUE DATE	NEXT SCHEDULED FOR
Annual ET Technologies Waste Renewal Certification	4/30/2025	4/30/2025	4/30/2026
Water Use Report	3/31/2025	03/31/XXXX	3/31/2026
Municiple Wastewater Planning Program Report	4/10/2025	April 15	5/1/2026
Publish Consumer Confidence Report	7/1/2024	Every July 1	7/1/2025
Risk Management Plan - WWTP	2025	Every 5 years	2030
Water Conservation Plan	2021	Every 5 years	2026
Annual Employee Training			
Sexual Harassment & Discrimination	6/25/2025	December 31	6/30/2026
Tuition Assistance Program	On-going	During Hiring Onboarding	On-going
Fraud Awareness Training	8/1/2025	December 31	9/1/2026
Ethical Behavior		December 31	
Preventing Violence in the Workplace	8/1/2025	December 31	9/1/2026
Annual Trustee Training			
Open and Public Meetings Act	11/30/2024	12/01/2024	11/30/2025
Utah Public Officers' and Employees' Ethics Act	11/30/2024	12/01/2024	11/30/2025
New Trustee Special and Local District training Course	11/30/2024	Within one year of Office	11/30/2025
Conflict of Interest Annual certification	1/31/2025	1/31/2025	1/31/2026
Emloyee Performance Evaluations	11/30/2025	12/31/2025	11/30/2026
Hotline	Ongoing	Posted on Website always	Ongoing
Annual Filing of Fraud Risk assessment with State Auditor	12/12/2024	June 30 of following year	12/31/2025
GRAMA Training Annual for Records Officer	5/13/2025	December 2024	5/31/2026
Proper Notice of Public Meetings	Ongoing	at least 24 hours before public Meeting date and time	Ongoing
Appoint A Board Chair Person Annually	1/9/2025	January Regular Board Meeting	1/1/2026
Public Tax Increase Hearing	Ongoing	When Needed	Ongoing
Review Insurance/Bonding Requirements	Annually	December 2025	2026
Review Fund Balance Limitation	Annually	December 2025	2026
Imposing/Increasing Fee - Public Hearing	4/22/2021	When needed	Unknown
Meeting Minutes Meeting Minutes and any materials distributed at the Meeting available on the Utah Public Notice Webiste, District website, and district office and within three business days after holding an open meeting, make an audio recording of the open meeting available to the public for listenting.	Ongoing		Ongoing
Copies of "Robert's Rules of Order" (b) Subject to Subsection (3)(3), a board of trustees shall: (i) adopt rules of order and procedure to govern a public meeting of the board of trustees; (ii) conduct a public meeting in accordance with the rules of order and procedure described in Subsection (3)(b)(i); and (iii) make the rules of order and procedure descruibed in Subsection (3)(b)(i) available to the public: (A) at each meeting of the board of trustees; and (B) on the local district's public website, if available	ongoing	ongoing	ongoing

PACIFICORP

LAKE PARK

October 1, 2025

PacifiCorp - Ryan Farias
1407 West North Temple
509-496-6976

Subject: PacifiCorp Lake Park Substation Landscaping – Water & Sewer Availability

We have completed our preliminary review of the proposed landscaping for the existing PacifiCorp Lake Park Substation Landscaping located at 2454 S Anna Caroline Dr. 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 in Anna Caroline Dr., East of the existing substation
SEWER	Sewer service is available near the development. There is a 12-inch sewer line located in Anna Caroline Dr., East of the existing substation
SEC WATER	Secondary Water service is not available near the development. There is a "dry" 12-inch water line located in Anna Caroline Dr., East of the existing substation.

RECOMMENDATIONS

WATER	Connect to the existing 12-inch water line in Anna Caroline Dr. and extend a metered service west to the landscape area.
SEWER	No sewer connection is required for the exiting substation.
SEC WATER	Connect to the existing "dry" 12-inch secondary water line in Anna Caroline Dr. and extend a "dry" service lateral west to the meter.

Plans showing the water service line 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, fittings, and water service connection sizes, locations, and type.

It is my recommendation that the Magna Water District Board approve providing only water service to this Development. If drinking water or sanitary sewer service is requested an additional review and approval is required.

Sincerely,

Trevor Andra P.E.
District Engineer
Magna Water District

[See attached map of project area]

Development Name: PacifiCorp Lake Park Substation Landscape

Address: 2454 S Anna Caroline Dr., WVC, UT

Improvements: 0.32 acres of Landscape along MVC Trail

FINISH & FEED TANK

TASK ORDER NO. 6

In accordance with Paragraph 1.01 of the Agreement Between Owner and Engineer for Professional Services—Task Order Edition dated May 21, 2024, Owner and Engineer agree as follows:

1. TASK ORDER DATA

a.	Effective Date of Task Order:	October 9, 2025
b.	Owner:	Magna Water District
c.	Engineer:	Advanced Engineering and Environmental Services, LLC
d.	Specific Project (title)	EDR Plant Finish and Feed Tank Design & Bidding
e.	Specific Project (description):	Perform preliminary and detailed design and bidding support services for additional finished and feed water storage capacity and process optimization at the EDR plant.
f.	Related Task Orders	Task Order No. 2 (Study phase)

2. BASELINE INFORMATION

Baseline Information. Owner has furnished the following Specific Project information to Engineer as of the Effective Date of the Task Order. Engineer's scope of services has been developed based on this information. As the Specific Project moves forward, some of the information may change or be refined, and additional information will become known, resulting in the possible need to change, refine, or supplement the scope of services.

Specific Project Title:	EDR Plant Finish and Feed Tank Design & Bidding
Description of Improvements:	New storage tank(s) with associated piping and controls
Prior Studies, Reports, Plans:	EDR Plant Finish and Feed Tank Study
Facility Location(s):	2690 S 6750 W, West Valley City, UT 84128

3. SERVICES OF ENGINEER ("SCOPE")

A. The specific Basic Services to be provided or furnished by Engineer under this Task Order are:

- the services (and related terms and conditions) set forth in the following sections of Exhibit A, as attached to the Agreement referred to above, such sections being hereby incorporated by reference:
  - Preliminary Design Phase (Exhibit A, Paragraph A1.03)
  - Final Design Phase (Exhibit A, Paragraph A1.04)
  - Bidding/Proposal Phase (Exhibit A, Paragraph A1.05)
- The services detailed in Attachment 1, attached hereto and incorporated herein.

B. All of the services included above comprise basic services for purposes of Engineer's compensation under this Task Order, with the exception of Resident Project Representative Services, if any, which are compensated separately.

C. Additional Services: Services not expressly set forth as Basic Services in Paragraph 3.A above, and necessary services listed as not requiring Owner's written authorization, or requiring additional effort in an immediate, expeditious, or accelerated manner as a result of unanticipated construction events or Specific Project conditions, are Additional Services, and will be compensated by the method indicated for Additional Services in this Task Order. All other Additional Services require mutual agreement and may be authorized by amending the Task Order as set forth in Paragraph 8.05.B.2 of the Agreement, with compensation for such other Additional Services as set forth in the amending instrument.

4. DELIVERABLES SCHEDULE

A. In submitting required Documents and taking other related actions, Engineer and Owner will comply with the following schedule:

Party	Action	Exhibit A Reference	Schedule
Engineer	Submit an electronic copy of the Preliminary Design Report and other Preliminary Design Phase deliverables to Owner.	1.03.B.17	Within **90** days of Owner's authorization to proceed with Preliminary Design Phase.
Owner	Submit comments regarding Preliminary Design Report and other Preliminary Design Phase deliverables to Engineer.	1.03.B18	Within **14** days of the receipt from Engineer of Preliminary Design Report and other Preliminary Design Phase deliverables.
Engineer	Submit an electronic copy of the first draft of Project Drawings and other Final Design Phase deliverables to Owner.	1.04.B1	Within **60** days of Owner's authorization to proceed the first draft of Project Drawings.
Owner	Submit comments regarding the first draft of Project Drawings and other Final Design Phase deliverables to Engineer.	1.04.B1	Within **14** days of the receipt from Engineer of first draft Project Drawings and other Final Design Phase deliverables.
Engineer	Submit an electronic copy of the second draft of Project Drawings, the first draft of Project Specifications, and other Final Design Phase deliverables to Owner.	1.04.B1-1.04.B2	Within **60** days of Owner's authorization to proceed with the second draft of Project Drawings and the first draft of Project Specifications.
Owner	Submit comments regarding the second draft of Project Drawings, the first draft of Project Specifications, and other Final Design Phase deliverables to Engineer.	1.04.B1-1.04.B2	Within **14** days of the receipt from Engineer of second draft Project Drawings, first draft Project Specifications, and other Final Design Phase deliverables.

Party	Action	Exhibit A Reference	Schedule
Engineer	Submit an electronic copy of the final Project Drawings and Specifications and other Final Design Phase deliverables to Owner.	1.04.B3	Within **30** days of Owner's authorization to proceed with the final Project Drawings and Specifications.
Owner	Submit comments regarding the final Project Drawings and Specifications and other Final Design Phase deliverables to Engineer.	1.04.B3	Within **14** days of the receipt from Engineer of the final Project Drawings and Specifications and other Final Design Phase deliverables.

5. ADDITIONS TO OWNER'S RESPONSIBILITIES

A. Owner shall have those responsibilities set forth in Article 2 of the Agreement, and the following supplemental responsibilities that are specific to this Task Order: None

6. TASK ORDER SCHEDULE

A. In addition to any schedule provisions provided above or elsewhere, the parties shall meet the following schedule: None

7. ENGINEER'S COMPENSATION

A. The terms of payment are set forth in Article 4 of the Agreement.
B. Owner shall pay Engineer for services rendered under this Task Order as follows:

Description of Service	Amount	Basis of Compensation
1. Basic Services	**$297,178**	
a. Study and Report Phase (1.02)	N/A	N/A
b. Preliminary Design Phase (1.03)	$86,787	Hourly
c. Final Design Phase (1.04)	$204,840	Hourly
d. Bidding/Proposal Phase (1.05)	$15,932	Hourly
e. Construction Phase (1.06)	N/A	N/A
f. Post-Construction Phase (1.07)	N/A	N/A
2. Resident Project Representative Services*	**N/A**	**N/A**
TOTAL COMPENSATION (items 1 and 2)	**$307,559**	
3. Additional Services under Section 3.D above	(N/A)	

*Based on a -month continuous construction period.

C. Compensation items and totals based in whole or in part on Hourly Rates or Direct Labor are estimates only. Lump sum amounts and estimated totals included in the breakdown by phases incorporate Engineer's labor, overhead, profit, reimbursable expenses (if any), and Subconsultants' charges, if any. Engineer may alter the distribution of compensation between individual phases (line items) to be consistent with services actually rendered.

8. ENGINEER'S PRIMARY SUBCONSULTANTS FOR TASK ORDER, AS OF THE EFFECTIVE DATE OF THE TASK ORDER:

N/A

9. ATTACHMENTS:

A. Attachment 1 - Detailed Scope of Services

Execution of this Task Order by Owner and Engineer makes it subject to the terms and conditions of the Agreement and its exhibits and appendices, which Agreement, exhibits, and appendices are incorporated by this reference.

OWNER:

Magna Water District

By:

Date:

Name: Clint Dilley
Title: General Manager

Address for giving notices:
Magna Water District

8885 W 3500 S
Magna, Utah 84044
United States

Designated Representative:
Name: Trevor Andra, PE
Title: District Engineer
Address:
8885 W 3500 S
Magna, Utah 84044
United States

Phone: 801-231-4249
Email: trevor@magnawaterut.gov

ENGINEER:

Advanced Engineering and Environmental Services, LLC

By:

Date:

Name: Brian Bergantine
Title: Project Quality Director

Address for giving notices:
Advanced Engineering and Environmental Services, LLC
4050 Garden View Drive, Suite 200
Grand Forks, North Dakota 58201
United States

Designated Representative:
Name: Sam Fankhauser, PE
Title: Project Manager
Address:
3400 North Ashton Boulevard, Suite 105
Lehi, UT 84043

Phone: 801-889-9286
Email: sam.fankhauser@ae2s.com

ATTACHMENT 1

Detailed Scope of Services

AE2S will perform the following tasks listed below.

Pre-Design Phase

1. **Project Management and Coordination:** Provide regular progress reports, manage internal team, prepare monthly invoices, and monitor schedule and budget.
2. **Kickoff Meeting:** Prepare for and attend one-hour kickoff meeting. Provide Owner with meeting minutes.
3. **Progress Meetings:** Prepare for and attend progress meetings every other week. Provide Owner with meeting minutes.
4. **Hydraulic Analysis:** Confirm peak and winter plant flows, yield of raw water wells, tank elevations, pumping capacity, head loss, and develop new hydraulic profile with the addition of two new tanks.
5. **Conceptual layouts/plans:** Plans include tank elevation plans and general site civil improvements. Layouts of site and tanks are conceptual at this stage.
6. **Preliminary design report:** To include the findings of previously mentioned pre-design phase efforts. Attend and conduct one, two-hour workshop with one round of addressing comments.

Design Phase

1. **Project Management and Coordination:** Provide regular progress reports, manage internal team, prepare monthly invoices, and monitor schedule and budget.
2. **Progress Meetings:** Prepare for and attend progress meetings every other week. Provide Owner with meeting minutes.
3. **60% Design Documents:** Provide first draft set of drawings in 11x17 format on standard AE2S title block.
4. **90% Design Documents:** Provide second draft set of drawings in 11x17 format on standard AE2S title block, and first draft set of specifications utilizing Division-50 master formatting as well as Owner's standard front end bidding and contract documentation.
5. **100% Design Documents:** Provide final set of drawings in 11x17 format on standard AE2S title block, and final set of specifications utilizing Division-50 master formatting as well as Owner's standard front end bidding and contract documentation.
6. **Design Workshops:** Attend two-hour review meetings at 60%, 90%, and 100% with one round of addressing comments each.
7. **Opinion of Probable Construction Cost:** Cost estimate provided at both 60% and 100%.
8. **DDW Review:** Attend one, two-hour meeting with the Owner and Utah Division of Drinking Water at 90% to verify design compliance. Address one round of comments prior to final submittal for approval.
9. **Bid Solicitation:** Final quality checks of design documents and seal design documents for Owner to advertise and distribute.

Bidding Phase

1. **Pre-Bid Meeting:** Prepare for and attend one-hour pre-bid meeting. Provide Owner with contractor sign-in sheet, meeting agenda, and meeting minutes.

2. **Respond to Questions and Issue Addenda:** Address questions as required and issue up to three addenda.
3. **Bid Opening / Recommendation of Award:** Attend bid opening, tabulate the bids, and assist in determining responsiveness of bidders. Recommend an award of contract within three working days.
4. **Conformed Set of Drawings & Specifications**: Prepare final construction drawings and specifications, including addenda material. Drawings and specifications provided to Owner and Contractor in electronic pdf format.

Deliverables. This task includes the following:

1. Minutes from the kickoff meeting, recurring progress meetings, design workshops, and the pre-bid meeting
2. Preliminary design report (including 30% conceptual layouts)
3. 60% drawings & opinion of probable construction cost
4. 90% drawings & specifications
5. 100% drawings, specifications, & opinion of probable construction cost
6. Addenda (up to 3)
7. Recommendation of award letter
8. Conformed drawings & specifications

Proposed Fee Breakdown

MWD EDR WATER TANK - SCOPE													
SCOPE OF WORK	PM	QA/QC	Civil	Struc.	Elec.	I&C	EIT I	EIT II	CAD I	CAD III	TOTAL		
	$264	$319	$229	$213	$213	$238	$152	$182	$158	$221			
	SF	DS	SD	AP	CS	MW	KM	JB	SR	PM	Hours	Expenses	Cost
Pre-Design Phase (3 months)	**62**	**7**	**76**	**23**	**15**	**3**	**95**	**92**	**40**	**20**	**433**	**$ 50**	**$ 86,787**
Project Management and Coordination	24										**24**	**$ -**	**$ 6,336**
Kickoff Meeting	4		4	2			4				**14**	**$ 50**	**$ 3,056**
Progress Meetings (Every Other Week)	6		6	3	3	1	6				**25**	**$ -**	**$ 5,386**
Hydraulic Analysis	6	2	20				40	40			**108**	**$ -**	**$ 20,162**
Conceptual Layouts/Plans (30% Design)	16	2	40	12	10	2	20	40	40	20	**202**	**$ -**	**$ 40,244**
Preliminary Design Report	6	3	6	6	2		25	12			**60**	**$ -**	**$ 11,603**
Design Phase (5 months)	**151**	**22**	**151**	**44**	**46**	**14**	**185**	**96**	**300**	**35**	**1044**	**$ 150**	**$ 204,840**
Project Management and Coordination	40										**40**	**$ -**	**$ 10,560**
Progress Meetings (Every Other Week)	10	2	10	5	5	1	10				**43**	**$ -**	**$ 9,456**
60% Design Documents (plans)	25	6	40	10	13	5	40	30	90	15	**274**	**$ -**	**$ 52,838**
90% Design Documents (plans and specifications)	30	8	60	8	10	4	50	28	120	15	**333**	**$ -**	**$ 63,969**
100% Design Documents (plans and specifications)	18	4	20	6	10	2	30	25	80	5	**200**	**$ -**	**$ 37,347**
Design workshops (60/90/100)	10		10	8	3		10	3			**44**	**$ 150**	**$ 9,489**
Opinion of Probable Construction Cost (60/100)	5	2	8	4	5	2	20	4			**50**	**$ -**	**$ 9,951**
DDW Review (90) and Address Comments	3		3	3			10	6	10		**35**	**$ -**	**$ 6,310**
Bid Solicitation	10						15				**25**	**$ -**	**$ 4,920**
Bidding Phase (1 month)	**19**	**0**	**8**	**5**	**3**	**1**	**28**	**9**	**6**	**0**	**79**	**$ 300**	**$ 15,932**
Pre-bid Meeting (prep, attendance, minutes, etc.)	10						10				**20**	**$ 50**	**$ 4,210**
Respond to Questions and Issue Addenda	2		4	1	1	1	6	6			**21**	**$ -**	**$ 4,112**
Bid Opening / Recommendation of Award	4						6				**10**	**$ -**	**$ 1,968**
Conformed Set of Drawings/Specifications	3		4	4	2		6	3	6		**28**	**$ 250**	**$ 5,642**
TOTAL	**232**	**29**	**235**	**72**	**64**	**18**	**308**	**197**	**346**	**55**	**1556**	**$ 500**	**$ 307,559**

SCADA SUPPORT SERVICES

TASK ORDER NO. 9

In accordance with Paragraph 1.01 of the Agreement Between Owner and Engineer for Professional Services—Task Order Edition dated May 21, 2024, Owner and Engineer agree as follows:

1. TASK ORDER DATA

a.	Effective Date of Task Order:	October 9, 2025
b.	Owner:	Magna Water District
c.	Engineer:	Advanced Engineering and Environmental Services, LLC
d.	Specific Project (title)	SCADA On-Call Services
e.	Specific Project (description):	Provide ongoing SCADA support services on an as-needed basis for troubleshooting, SCADA programming, condition assessments, equipment replacement, etc.
f.	Related Task Orders	N/A

2. BASELINE INFORMATION

Baseline Information. Owner has furnished the following Specific Project information to Engineer as of the Effective Date of the Task Order. Engineer's scope of services has been developed based on this information. As the Specific Project moves forward, some of the information may change or be refined, and additional information will become known, resulting in the possible need to change, refine, or supplement the scope of services.

Specific Project Title:	SCADA On-Call Services
Description of Improvements:	Ongoing SCADA support services
Prior Studies, Reports, Plans:	N/A
Facility Location(s):	Various

3. SERVICES OF ENGINEER ("SCOPE")

A. The specific Basic Services to be provided or furnished by Engineer under this Task Order are:

- Software system integrator services including PLC and HMI programming with field integration.
- Supervisory Control and Data Acquisition (SCADA) software programming services as requested by the Owner. Programming modifications and troubleshooting for computers, Programmable Logic Controller (PLC), and Human-Machine Interface (HMI) software.
- Instrumentation and Control (I&C) General, Emergency, and Calibration Services
    - Service for system problems will be scheduled in accordance with the severity of the issue. Engineer will work with the Owner to assess the severity and discuss an appropriate timeline for a solution.
        - Problems that result in the inability for the operation of the facility will be assessed as soon as possible, inside or outside normal business hours.
        - Non-Emergency problems will be assessed within normal business hours.

- Technicians will provide all required tools and computer software to perform IO Checkout and Instrumentation Calibrations as needed.
- Provide service reports to Owner indicating the original problem, the testing procedures used to investigate the problem, the resolution to the problem and the time required to resolve the problem.
- If the replacement of equipment is required to resolve the problem, the technician will discuss with the Owner and work to procure and replace the equipment under the Owner's direction. Costs of the devices, consumables for installing the devices, or other direct, non-labor expenses are reimbursable and shall be borne by the Owner.

B. All of the services included above comprise basic services for purposes of Engineer's compensation under this Task Order, with the exception of Resident Project Representative Services, if any, which are compensated separately.

C. Additional Services: Services not expressly set forth as Basic Services in Paragraph 3.A above, and necessary services listed as not requiring Owner's written authorization, or requiring additional effort in an immediate, expeditious, or accelerated manner as a result of unanticipated construction events or Specific Project conditions, are Additional Services, and will be compensated by the method indicated for Additional Services in this Task Order. All other Additional Services require mutual agreement and may be authorized by amending the Task Order as set forth in Paragraph 8.05.B.2 of the Agreement, with compensation for such other Additional Services as set forth in the amending instrument.

4. DELIVERABLES SCHEDULE

A. In submitting required Documents and taking other related actions, Engineer will comply with the following schedule: N/A

5. ADDITIONS TO OWNER'S RESPONSIBILITIES

A. Owner shall have those responsibilities set forth in Article 2 of the Agreement, and the following supplemental responsibilities that are specific to this Task Order: None

6. TASK ORDER SCHEDULE

A. Services will be rendered as "on-call" services as requested by the Owner.

B. Basic Services and Additional Services completion shall be no later than May 21, 2027.

7. ENGINEER'S COMPENSATION

A. The terms of payment are set forth in Article 4 of the Agreement.
B. Owner shall pay Engineer for services rendered under this Task Order as follows:

- An amount equal to the cumulative hours charged to the Project by each class of Engineer's employees times standard hourly rate for each applicable billing class for all services performed on the Specific Project, plus reimbursable expenses and Engineer's consultants' charges, if any.

- Engineer shall use Standard 2025 Hourly rates, attached hereto.

C. Compensation items and totals based in whole or in part on Hourly Rates are estimates only. Lump sum amounts and estimated totals included in the breakdown by phases incorporate Engineer's labor, overhead, profit, reimbursable expenses (if any), and Subconsultants' charges, if any. Engineer may alter the distribution of compensation between individual phases (line items) to be consistent with services actually rendered.

8. ENGINEER'S PRIMARY SUBCONSULTANTS FOR TASK ORDER, AS OF THE EFFECTIVE DATE OF THE TASK ORDER: NONE

9. ATTACHMENTS:

A. 2025 Hourly Fee and Expense Schedule

Execution of this Task Order by Owner and Engineer makes it subject to the terms and conditions of the Agreement and its exhibits and appendices, which Agreement, exhibits, and appendices are incorporated by this reference.

OWNER:

Magna Water District

By:

Date:

Name: Clint Dilley
Title: General Manager

Address for giving notices:
Magna Water District

8885 W 3500 S
Magna, UT 84044

Designated Representative:
Name: Trevor Andra, PE
Title: District Engineer
Address:
8885 W 3500 S
Magna, UT 84044

Phone: 801-231-4249
Email: trevor@magnawaterut.gov

ENGINEER:

Advanced Engineering and Environmental Services, LLC

By:

Date:

Name: Sam Fankhauser
Title: Operations Manager

Address for giving notices:
Advanced Engineering and Environmental Services, LLC
4050 Garden View Drive, Suite 200
Grand Forks, ND 58201

Designated Representative:
Name: Kyle Whiting
Title: Project Manager
Address:
3400 North Ashton Boulevard, Suite 105
Lehi, UT 84048

Phone: 801-623-1306
Email: kyle.whiting@ae2s.com

ADVANCED ENGINEERING AND ENVIRONMENTAL SERVICES, LLC
2025 HOURLY FEE AND EXPENSE SCHEDULE

Labor Rates*

Administrative 1	$70.00
Administrative 2	$85.00
Administrative 3	$99.00
Communications Specialist 1	$113.00
Communications Specialist 2	$132.00
Communications Specialist 3	$152.00
Communications Specialist 4	$183.00
Communications Specialist 5	$202.00
Construction Services 1	$135.00
Construction Services 2	$165.00
Construction Services 3	$183.00
Construction Services 4	$203.00
Construction Services 5	$224.00
Engineering Assistant 1	$91.00
Engineering Assistant 2	$107.00
Engineering Assistant 3	$135.00
Engineer 1	$146.00
Engineer 2	$175.00
Engineer 3	$205.00
Engineer 4	$237.00
Engineer 5	$254.00
Engineer 6	$269.00
Engineering Technician 1	$90.00
Engineering Technician 2	$113.00
Engineering Technician 3	$136.00
Engineering Technician 4	$152.00
Engineering Technician 5	$174.00
Financial Analyst 1	$121.00
Financial Analyst 2	$137.00
Financial Analyst 3	$165.00
Financial Analyst 4	$180.00
Financial Analyst 5	$201.00
GIS Specialist 1	$113.00
GIS Specialist 2	$137.00
GIS Specialist 3	$162.00
GIS Specialist 4	$181.00
GIS Specialist 5	$202.00
I&C Assistant 1	$108.00
I&C Assistant 2	$134.00
I&C 1	$160.00
I&C 2	$189.00
I&C 3	$213.00
I&C 4	$226.00
I&C 5	$237.00
IT 1	$140.00
IT 2	$189.00
IT 3	$232.00
Land Surveyor Assistant	$103.00
Land Surveyor 1	$124.00
Land Surveyor 2	$150.00
Land Surveyor 3	$169.00
Land Surveyor 4	$186.00
Land Surveyor 5	$205.00
Operations Specialist 1	$108.00
Operations Specialist 2	$135.00
Operations Specialist 3	$167.00
Operations Specialist 4	$191.00
Operations Specialist 5	$214.00
Project Coordinator 1	$125.00
Project Coordinator 2	$140.00
Project Coordinator 3	$156.00
Project Coordinator 4	$172.00
Project Coordinator 5	$194.00
Project Manager 1	$221.00
Project Manager 2	$242.00
Project Manager 3	$259.00
Project Manager 4	$274.00
Project Manager 5	$293.00
Project Manager 6	$307.00
Sr. Designer 1	$192.00
Sr. Designer 2	$213.00
Sr. Designer 3	$229.00
Sr. Financial Analyst 1	$227.00
Sr. Financial Analyst 2	$248.00
Sr. Financial Analyst 3	$269.00
Technical Expert 1	$348.00
Technical Expert 2	Negotiable

Reimbursable Expense Rates

Transportation	$0.75/mile
Survey Vehicle	$0.95/mile
Laser Printouts/Photocopies	$0.30/copy
Plotter Printouts	$1.00/s.f.
UAS - Photo/Video Grade	$100.00/day
UAS – Survey	$50.00/hour
Total Station – Robotic	$35.00/hour
Mapping GPS	$25.00/hour
Fast Static/RTK GPS	$50.00/hour
All-Terrain Vehicle/Boat	$100.00/day
Cellular Modem	$75.00/month
Web Hosting	$26.00/month
Legal Services Reimbursement	$291.00/hour
Outside Services	cost * 1.15
Geotechnical Services	cost * 1.30
Out of Pocket Expenses	cost * 1.15
Rental Car	cost * 1.20
Project Specific Equipment	Negotiable

* Position titles are for labor rate grade purposes only.

These rates are subject to adjustment each year on January 1.

JANITORIAL SERVICES

	Office 2X Week	EDR 1X Week	Shop 1X Week	WWTP 1X Week	Monthly Total
Anago	$ 895.00	$ 375.00	$ 225.00	$ 600.00	$ 2,095.00
Bliss	$ 1,400.00	$ 516.00	$ 516.00	$ 516.00	$ 2,948.00
IMC	$ 1,275.00	$ 875.00	$ 450.00	$ 525.00	$ 3,125.00
Vanguard (current cleaner)	$ 650.00	$ 542.00	N/A	$ 350.00	$ 1,542.00

Janitorial Services Proposal

Anago of Utah

Magna Water

8885 West 3500 South, Magna, UT 84044

Prepared for: Steve Clark - Water Operations Manager

Prepared by: Dave Bonnemort - Regional Director

Valid Through: 10/20/2025

INTRODUCTION

April 23, 2025

Dear Steve

We are pleased to have you as a potential client at Anago® and are confident our franchisees can provide you with an exceptional service. We understand that the cleanliness and disinfection of your facility are very important because people are simply more comfortable and productive in an environment where they feel safe. Selecting the right partner for your janitorial needs is the first line of defense in employee healthcare.

With Anago's proven program, you receive a customized schedule of cleaning based on your priorities and budget. Our rotational, systematic service ensures the highest level of cleanliness for the health of your employees and clients and also provides an unbeatable first impression!

Your business benefits from unique features that set Anago franchisees apart from other janitorial services including the use of Anago CleanCom® for instant communications, the Anago Protection+ Disinfection plans for infection prevention, our budget-friendly SmartClean℠ program, solid client support, advanced cleaning methods and equipment, EPA-registered disinfectants, and commitment to cleaning green. You can focus on your business, while our franchise owners keep your working environment safe and clean at a price you can afford.

The following information was prepared to help guide you in your decision about a janitorial service procurement agreement with us. Please feel free to reach out to me directly or to our Regional Office.

Sincerely,

Dave Bonnemort
Regional Director

Anago of Utah
(385) 743-2343
3195 S. Main Street Suite 130
South Salt Lake, UT 84115

THE SUPERIOR CHOICE FOR COMMERCIAL CLEANING.

Our quote is based on time values outlined by the Building Service Contractors Association International and the International Sanitary Standards Association. These time values are standards within our industry utilized in estimating Housekeeping Tasks. In the summary that follows, a custom-tailored program has been compiled for your facility. All supervision, labor, supplies and equipment, payroll taxes, and insurance have been included in the pricing schedule.

Protection+ Disinfection®

Using EPA approved disinfectants, Anago franchisees provide a germ-busting clean that looks great but desinfects and sanitizes, which helps to minimize the spread of illnesses and limits sick-time.

2-Hour Response Guarantee

Because of our commitment to your custom-tailored cleaning needs, we offer our 2-Hour Response Guarantee following the reporting of any items not completed to your satisfaction.

Instant Communications

Anago provides a direct communication platform to stay in close contact with franchise owners regarding all services performed, through Anago CleanCom®.

Insurance & Bonding

Our franchisees' services are covered under an insurance policy for bodily injury, property damage, public liability, and workers compensation (where required).

The Third Pass

Anago's franchise owners take extra measures with nightly checklists to ensure your facility is properly secured upon completion of duties to give you peace of mind.

Franchising Concept

The franchising concept works because of the simple principle that the owner of the business is the supervisor of, and participant in, the actual cleaning and maintenance of your facility.

We look forward to working with you in the near future!

SUPERIOR SERVICE GUARANTEED

GOOGLE REVIEWS ★★★★★

Coleman F. ★★★★★

Their thorough cleaning and consistent stocking of supplies have ensured that restroom-related concerns are practically non-existent. This has been a tremendous relief for me, as it has reduced the stress associated with handling problems and allowed me to focus on other aspects of my job.

J. Clark ★★★★★

We've been using Anago for a few years now and there's a reason we haven't changed. They are AMAZING! Always do such a great job and are easy to work with. We schedule them once a year to do a full carpet cleaning and strip and wax of our floors and they never disappoint! The weekly cleaning is top notch and if we ever need an extra touch up, they're easy to schedule. Their prices are incredibly fair and they're worth every penny. I highly recommend them!

Debra Craddock ★★★★★

How many times does a cleaning company promise the moon and stars only to disappoint you within a month? Not this time. We continually receive the moon and stars that were promised. I would recommend this company to anyone. Not only are we receiving continually excellent service, but the price tag is also reasonable. I don't have anything but good things to say about Anago Commercial Cleaning!

Debbie Breinholt ★★★★★

We had Anago of Utah clean our business' carpets the past two years. They do a fantastic job and we had some bad stains. They even came back and touched up one of the worse spots and left it perfect! I was very impressed!

AREA SPECIFICATIONS

We are pleased to submit this Proposal to procure Janitorial Services for the following location:

Magna Water
8885 West 3500 South
Magna, UT 84044

Service Areas

1. Office(s)
2. Kitchen(s)
3. Restroom(s)
4. Common Area(s)
5. Stairwell(s)
6. Break Area(s)
7. Elevator(s)
8. Conference Room(s)
9. Lobby
10. Boardroom

The specifications and the terms as set forth describe the Services to be performed, frequency, and conditions of the Agreement. The Client requests that products, equipment, and materials used are those that are recommended by Anago of Utah.

CLEANING SPECIFICATIONS

Nightly Cleaning

General Facility

1. All trash receptacles will be emptied, wiped as needed, and trash removed to the dumpster area.
2. Wipe clean all horizontal surfaces of desks (do not move papers), tables, counters, and filing cabinets per Client's instruction.
3. Wipe clean Board Room and Conference Room tables and properly arrange chairs.
4. Spot clean partition glass, as needed.
5. Clean entrance area door glass.
6. Clean and disinfect all drinking fountains.
7. Vacuum all carpeted areas including mats, runners and stairs.
8. Dust mop and damp mop all hard surface floors.

Kitchen Areas

1. Wipe clean tables, chairs, sink, counters, and exterior of cabinets in the Kitchen.
2. Wipe clean exterior of all countertop appliances in Kitchen with disinfectant, including the interior of microwaves, refrigerator doors and vending machine touch points.
3. Wipe down coffee machines and coffee stations. Check to be sure coffee machines have been turned off.
4. Dust mop and spot mop all hard surface floors.

Restrooms

1. Fill dispensers with towels, tissue, and hand soap. Wipe dispenser fronts.
2. Empty sanitary napkin receptacles, disinfect, and re-line from stock.
3. Empty trash receptacles and wipe, if needed.
4. Wipe clean exposed pipes, counters, ledges, mirrors, and air grills with an approved disinfectant.
5. Dust mop all hard surface floors.
6. Disinfect interior and exterior of toilets and toilet seats. Polish all chrome fittings.
7. Disinfect interior and exterior of urinals. Polish all chrome fittings.
8. Change urinal deodorizers as needed.
9. Spot clean toilet partitions and dust tops.
10. Clean sinks, disinfect counters, and polish chrome fittings.
11. Remove splash marks from walls around sinks.
12. Clean and polish mirrors.
13. Damp mop restroom floors, including corners and edges, with disinfectant, pouring water down drains to eliminate odors.

Weekly Cleaning

General Office

1. Dust all office equipment, including computers, monitors, and their bases, per Client's instruction.
2. Dust picture frames.
3. Detail vacuum all carpet areas including edges, corners, and beneath furniture.
4. Dust mop and damp mop hard surface floors, including corners, edges, and under office furniture.

Monthly Cleaning

General Office

1. Dust ceiling corners and remove cobwebs.
2. High dust HVAC vents and louvers.
3. Spot clean and disinfect light switches.
4. Dust all blinds and verticals.
5. Spot clean door frames.
6. Dust baseboards.
7. Dust window sills.

Miscellaneous Cleaning

Exit Procedures

1. Keep the janitorial closet and all stock, including janitorial equipment, clean, neat, and orderly. Empty and rinse mop buckets nightly.
2. Turn off designated lights, re-secure all previously locked doors and areas, and set alarms per Client's instructions.
3. Complete a final walk through of the facility to ensure specifications have been completed.

Exclusions

1. Changing A/C filters or burn light bulbs.
2. Washing windows above eight feet.

Special Notes

Service Providers to report any maintenance and/or security issues to the building manager.

All trash liners to be furnished by the Client.
All Restroom supplies (towels, tissue, hand soap) to be furnished by the Client. _____ Initial

MONTHLY SERVICE PRICING

Quote 1: 2x Weekly Service

Initial	Frequency	Days Serviced	Time Window	Monthly Price
	2x Weekly	Tue, Thu	After 6p	$895.00

Initial

SERVICE PROCUREMENT AGREEMENT

GDTH d/b/a Anago® of Utah ("Company") is a subfranchisor of Anago Franchising, Inc. and, as such, is in the business of procuring independently owned and operated franchise owners and contractors ("Service Providers") to provide its clients with maintenance and janitorial services under the trade name and operating style unique to the Anago® brand as described herein (the "Services"). Magna Water ("Client") desires to contract with Company to arrange for Service Providers to provide the Services for Client's premises. In consideration of the foregoing, the covenants contained herein, and other valuable consideration, receipt and sufficiency of which are acknowledged, Company and Client agree as follows:

I. Company agrees to arrange for Service Providers to provide the Services as described herein, with each Service Provider to furnish all tools and equipment necessary to provide the Services as outlined in the Cleaning Specifications attached hereto and made a part hereof.

II. Service Providers will render the Services as described in the Cleaning Specifications to the areas listed in Area Specifications at the set frequency and days selected by Client in the Monthly Service Pricing and Specialty Service(s) sections, respectively. Holidays excluded shall be New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

III. Client agrees to pay Company each month the total sum stated in attached Monthly Service Pricing. Payment shall be due on or before the TENTH day of each month for that month's Services. A late charge of 1.5% per month will be assessed on all invoices that are 30 days past due. Requests to adjust pricing to reflect additions to or deletions from the Services or for change in frequency of Services shall be made in writing and shall only be binding if signed by both parties. Upon prior written notice to Client, Company may increase the Monthly Service Pricing to allow Service Providers to adhere to local wage regulations applicable to their employees or annually by a percentage not to exceed the annual increase of the Consumer Price Index as most recently published in the Wall Street Journal.

IV. It is expressly agreed that Company, the Service Providers, and their respective employees and contractors will not, by virtue of providing the Services under this Agreement, be employees of Client, but are independent contractors and no withholding of Social Security, Federal, or State Income Tax or other deductions shall be made from the sums agreed to be paid by Client to Company herein. All such payments are contract payments and not wages.

V. Client agrees that Company will have the sole discretion to select the Service Providers who will perform the Services. Subject to applicable laws, Client agrees that during the term of this Agreement and for 180 days after expiration or termination, it will not employ any Service Provider or any employee, agent, or associate of a Service Provider to perform the same or substantially the same type of Services. Company agrees that during the term of this Agreement and for 180 days after expiration or termination, it will not employ any employee, agent, or associate of Client. Client acknowledges and agrees that this Agreement may be assigned by Company to the Service Provider performing the Services, but, in that event, all payments to be made under this Agreement shall continue to be made to Company, as described herein, as the collection servicing agent of the Service Provider.

VI. The term of this Agreement shall be for one (1) year from the Service Commencement Date, and thereafter shall automatically be extended under the same terms and conditions for successive 1-year periods, unless either party gives written notice of non-renewal at least 60 days prior to expiration of the then-expiring term. Otherwise, Company may terminate this Agreement upon sixty (60) days written notice to Client. Client may terminate this Agreement only for non-performance as set out herein. Before any such termination is effective, Client agrees to notify Company in writing of the non-performance items and to give Company fifteen (15) days to cure said items. If satisfaction is not achieved after the fifteenth day, Client must give Company a sixty (60) days written notice via certified mail with return receipt requested, stating the non-performance items.

VII. Client agrees and understands that it is impossible to determine the actual damages caused by its breach of this Agreement. Therefore, any amount due and owed under this Agreement for any remaining part of the term of this Agreement (as though the Agreement had not been terminated) shall be accelerated liquidated damages.

VIII. Client agrees not to withhold any portion of the monthly Agreement amount for any reason, unless prior written permission is obtained from Company, as the obligation to make payments hereunder is an independent obligation. Company may suspend services if payment is not received when due. In the event that enforcement of any obligation owed to Company, is placed in the hands of an attorney for collection, compromise or any other action, Client agrees to pay the reasonable attorney's fees, cost and necessary disbursements, in addition to any other relief that may be granted.

IX. This Agreement will be governed by the laws of the state of Utah. The parties hereto submit to jurisdiction in Salt Lake County, Utah. All actions brought pursuant to this Agreement shall be brought in Salt Lake County, Utah. The parties further agree to service of any action filed in Salt Lake County, Utah, via certified mail.

By signing this agreement I represent and warrant that I am duly authorized and have the legal capacity to execute and deliver this agreement.

Company Representative	Authorized Client Representative	
		
Dave Bonnemort Regional Director	**Steve Clark** Water Operations Manager	Date

SPECIALTY SERVICES

Below are some of the many services our Franchisees offer in addition to regular janitorial maintenance

High-Touch Disinfection

Anago's franchise owners offer disinfection application for high-frequency touch areas such as doorknobs, light switches, elevator buttons, phones, and keyboards.

Electrostatic Disinfection

Our franchisees use hospital-grade, EPA approved cleaning products and a CDC compliant disinfection spray process to disinfect up to 99.9% of your workspace.

Comprehensive Detail Cleaning

Whether it's one specific area or your entire office that needs a thorough, in-depth cleaning, Anago's franchisees can be there to get it done.

Ceramic Tile & Grout Cleaning

Our franchise owners are versed in the latest methods such as machine scrubbing and acid washing, for bringing back the luster to your ceramic tile and grout.

Hard Surface Floor Care

Our franchisees offer cleaning solutions for all types of hard surface flooring, such as vinyl composite tile, linoleum, concrete, and marble floors.

Carpet Cleaning

Our franchisees' professional carpet and upholstery cleaning services, such as spot cleaning, extraction, and bonnet cleaning help your facility maintain a clean image.

Hardwood Floor Care

Anago's franchise owners keep your hardwood floors looking great using specialized cleaning processes and commercial grade products to ensure superior durability.

Emergency Services

Anago's highly skilled janitorial franchise owners are available 24/7 for any emergency clean-up needed at your office, including water damage.

SPECIALTY SERVICE(S)

Please select any of the Specialty Services you would like.

Initial	Service Type	Price‡
Initial	Hot Water Carpet Extraction *Service Description:* Areas: all carpeted areas. Vacuum all carpet in designated areas, pretreat with high-quality traffic-lane carpet cleaner, apply commercial grade fiber rinse to extractor, and use extractor to clean and vacuum the carpeted areas.	Pricing Available Upon Request

‡

Authorized Client Representative

Steve Clark
Water Operations Manager

Date

SUMMARY

MAGNAWATER
PID **SID** **Control #** Dave Bonnemort
Sales Rep

Steve Clark

Magna Water

8885 West 3500 South

Magna, UT 84044

stevec@magnawaterut.gov

BILLING INFORMATION

Billing Address

☐ Same as above

Address 1 | Address 2

City | State or Province | Postal Code

Email

Accounts Payable Contact

☐ Same as above

Name

Email | Phone

☐ Cell ☐ Work ☐ Other

EMERGENCY CONTACT

☐ Same as above

Name

Phone | Extension

☐ Cell ☐ Work ☐ Other

Email

TAX EXEMPT

☐ ***No***

☐ ***Yes***

If yes, please provide your Tax-Exemption number.

SERVICE COMMENCEMENT DATE

Please enter the date you would like service to begin

Please ensure the date you select falls on one of the Days Serviced

Eco-Invoice™

Receive a $5 Discount on monthly recurring service! Select Eco-Invoice™ to go paperless with automatic ACH debit.

☐ ***Yes*** ☐ ***No, I don't like discounts***

Get your invoice emailed right to your inbox instead of in the mail. We'll apply your $5 discount and bill you automatically each month, and you'll save time, money, and trees.

I hereby authorize Anago to debit my bank account for payment of Services as detailed in the Service Procurement Agreement. My bank account details are as follows:

☐ ***5th*** ☐ ***15th*** ☐ ***Last Day***

Name on Bank Account

Bank Name

Account Type: ☐ ***Checking*** ☐ ***Savings***

Routing #

Account #

Bank Account Billing Address

Eco-Invoice™ Terms

1. These instructions are valid until (i) Non-Renewal of Agreement; (ii) Termination of Agreement; or (iii) Client provides written instructions to Anago of Utah ("Company") to the contrary.
2. Amount charged to Clients on Eco-Invoice may vary based on Specialty Services requested or credits to Client.
3. Client agrees to inform Company in writing if the nominated bank account is closed and shall provide Company with a secondary bank account within five (5) days of written notice should a payment be declined.
4. Client shall be responsible for any bank charges due to Client account having insufficient funds. Client shall remain liable for any and all outstanding invoices.
5. Client agrees to account being debited on or within five (5) days from selected payment date. Payment date will vary based on actual number of days in month for Client's selecting Last Day.

As an authorized agent, I hereby acknowledge and agree to the Eco-Invoice™ Terms & Conditions and accept this Agreement.

Authorized Client Representative

Steve Clark
Water Operations Manager

Date

Janitorial Services Proposal

Anago of Utah

Magna Water - EDR Building

6750 W 2700 S, West Valley City, UT 84044

Prepared for: Steve Clark - Water Operations Manager

Prepared by: Dave Bonnemort - Regional Director

Valid Through: 10/20/2025

INTRODUCTION

April 23, 2025

Dear Steve

We are pleased to have you as a potential client at Anago® and are confident our franchisees can provide you with an exceptional service. We understand that the cleanliness and disinfection of your facility are very important because people are simply more comfortable and productive in an environment where they feel safe. Selecting the right partner for your janitorial needs is the first line of defense in employee healthcare.

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Sincerely,

Dave Bonnemort
Regional Director

Anago of Utah
(385) 743-2343
3195 S. Main Street Suite 130
South Salt Lake, UT 84115

THE SUPERIOR CHOICE FOR COMMERCIAL CLEANING.

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SUPERIOR SERVICE GUARANTEED

GOOGLE REVIEWS ★★★★★

Coleman F. ★★★★★

Their thorough cleaning and consistent stocking of supplies have ensured that restroom-related concerns are practically non-existent. This has been a tremendous relief for me, as it has reduced the stress associated with handling problems and allowed me to focus on other aspects of my job.

J. Clark ★★★★★

We've been using Anago for a few years now and there's a reason we haven't changed. They are AMAZING! Always do such a great job and are easy to work with. We schedule them once a year to do a full carpet cleaning and strip and wax of our floors and they never disappoint! The weekly cleaning is top notch and if we ever need an extra touch up, they're easy to schedule. Their prices are incredibly fair and they're worth every penny. I highly recommend them!

Debra Craddock ★★★★★

How many times does a cleaning company promise the moon and stars only to disappoint you within a month? Not this time. We continually receive the moon and stars that were promised. I would recommend this company to anyone. Not only are we receiving continually excellent service, but the price tag is also reasonable. I don't have anything but good things to say about Anago Commercial Cleaning!

Erin McMillan ★★★★★

Anago has performed several cleaning jobs for us including warehouse floors, carpet cleaning, and weekly cleaning of our offices. All services have been done in a professional manner and with great quality. A+

AREA SPECIFICATIONS

We are pleased to submit this Proposal to procure Janitorial Services for the following location:

Magna Water - EDR Building
6750 W 2700 S
West Valley City, UT 84044

Service Areas

1. Office(s)
2. Kitchen(s)
3. Restroom(s)
4. Common Area(s)
5. Stairwell(s)
6. Lab(s)
7. Conference Room(s)

The specifications and the terms as set forth describe the Services to be performed, frequency, and conditions of the Agreement. The Client requests that products, equipment, and materials used are those that are recommended by Anago of Utah.

CLEANING SPECIFICATIONS

Weekly Cleaning

General Facility

1. All trash receptacles will be emptied, wiped as needed, and trash removed to the dumpster area.
2. Wipe clean all surfaces of desks (do not move papers), tables, counters, and filing cabinets per Client's instruction.
3. Wipe clean Conference Room tables and properly arrange chairs.
4. Clean and disinfect drinking fountains.
5. Clean entrance area door glass.
6. Spot clean partition glass, as needed.
7. Detail vacuum all carpet including mats, runners, edges, corners, and beneath furniture.
8. Dust mop all hard surface floors.
9. Damp mop all hard surface floors, including corners, edges, and stairs.
10. Dust stair handrails and also windowsills within reach.

Kitchen Areas

1. Wipe clean tables, chairs, sink, counters, and exterior of cabinets in Kitchen.
2. Wipe clean exterior of all countertop appliances in Kitchen with disinfectant, including the interior of microwaves.
3. Wipe down coffee machines and coffee stations. Check to be sure coffee machines have been turned off.

Restrooms

1. Fill dispensers with towels, tissue, and hand soap. Wipe dispenser fronts.
2. Empty sanitary napkin receptacles, disinfect, and re-line from stock.
3. Empty trash receptacles and wipe, if needed.
4. Wipe clean exposed pipe, counters, ledges, tops of partitions, mirrors, and air grills.
5. Sweep tile floor.
6. Disinfect interior and exterior of toilets and toilet seats. Polish all chrome fittings.
7. Disinfect interior and exterior of urinals. Polish all chrome fittings.
8. Spot clean toilet partitions and dust tops.
9. Clean sinks, disinfect counters, and polish chrome fittings.
10. Remove splash marks from walls around sinks.
11. Clean and polish mirrors.
12. Damp mop restroom floors, including corners and edges, with disinfectant, pouring water down drains to eliminate odors.

Monthly Cleaning

General Office

1. High Dust ceiling corners and remove cobwebs.
2. Spot clean and disinfect light switches
3. Spot clean door frames.
4. Dust all blinds and verticals.
5. Dust HVAC vents and louvers.
6. Dust picture frames.
7. Dust window sills.
8. Dust baseboards.

Miscellaneous Cleaning

Exit Procedures

1. Keep the janitorial closet and all stock, including janitorial equipment, clean, neat, and orderly. Empty and rinse mop buckets nightly.
2. Turn off designated lights, re-secure all previously locked doors and areas, and set alarms per Client's instructions.
3. Complete a final walk through of the facility to ensure specifications have been completed.

All trash liners to be furnished by the Client.
All Restroom supplies (towels, tissue, hand soap) to be furnished by the Client. _____ *Initial*

MONTHLY SERVICE PRICING

Quote 1: 1x Weekly Service

Initial	Frequency	Days Serviced	Time Window	Monthly Price
	1x Weekly	Thu	7a - 5:30p	$375.00

Initial

SERVICE PROCUREMENT AGREEMENT

GDTH d/b/a Anago® of Utah ("Company") is a subfranchisor of Anago Franchising, Inc. and, as such, is in the business of procuring independently owned and operated franchise owners and contractors ("Service Providers") to provide its clients with maintenance and janitorial services under the trade name and operating style unique to the Anago® brand as described herein (the "Services"). Magna Water - EDR Building ("Client") desires to contract with Company to arrange for Service Providers to provide the Services for Client's premises. In consideration of the foregoing, the covenants contained herein, and other valuable consideration, receipt and sufficiency of which are acknowledged, Company and Client agree as follows:

I. Company agrees to arrange for Service Providers to provide the Services as described herein, with each Service Provider to furnish all tools and equipment necessary to provide the Services as outlined in the Cleaning Specifications attached hereto and made a part hereof.

II. Service Providers will render the Services as described in the Cleaning Specifications to the areas listed in Area Specifications at the set frequency and days selected by Client in the Monthly Service Pricing and Specialty Service(s) sections, respectively. Holidays excluded shall be New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

III. Client agrees to pay Company each month the total sum stated in attached Monthly Service Pricing. Payment shall be due on or before the TENTH day of each month for that month's Services. A late charge of 1.5% per month will be assessed on all invoices that are 30 days past due. Requests to adjust pricing to reflect additions to or deletions from the Services or for change in frequency of Services shall be made in writing and shall only be binding if signed by both parties. Upon prior written notice to Client, Company may increase the Monthly Service Pricing to allow Service Providers to adhere to local wage regulations applicable to their employees or annually by a percentage not to exceed the annual increase of the Consumer Price Index as most recently published in the Wall Street Journal.

IV. It is expressly agreed that Company, the Service Providers, and their respective employees and contractors will not, by virtue of providing the Services under this Agreement, be employees of Client, but are independent contractors and no withholding of Social Security, Federal, or State Income Tax or other deductions shall be made from the sums agreed to be paid by Client to Company herein. All such payments are contract payments and not wages.

V. Client agrees that Company will have the sole discretion to select the Service Providers who will perform the Services. Subject to applicable laws, Client agrees that during the term of this Agreement and for 180 days after expiration or termination, it will not employ any Service Provider or any employee, agent, or associate of a Service Provider to perform the same or substantially the same type of Services. Company agrees that during the term of this Agreement and for 180 days after expiration or termination, it will not employ any employee, agent, or associate of Client. Client acknowledges and agrees that this Agreement may be assigned by Company to the Service Provider performing the Services, but, in that event, all payments to be made under this Agreement shall continue to be made to Company, as described herein, as the collection servicing agent of the Service Provider.

VI. The term of this Agreement shall be for one (1) year from the Service Commencement Date, and thereafter shall automatically be extended under the same terms and conditions for successive 1-year periods, unless either party gives written notice of non-renewal at least 60 days prior to expiration of the then-expiring term. Otherwise, Company may terminate this Agreement upon sixty (60) days written notice to Client. Client may terminate this Agreement only for non-performance as set out herein. Before any such termination is effective, Client agrees to notify Company in writing of the non-performance items and to give Company fifteen (15) days to cure said items. If satisfaction is not achieved after the fifteenth day, Client must give Company a sixty (60) days written notice via certified mail with return receipt requested, stating the non-performance items.

VII. Client agrees and understands that it is impossible to determine the actual damages caused by its breach of this Agreement. Therefore, any amount due and owed under this Agreement for any remaining part of the term of this Agreement (as though the Agreement had not been terminated) shall be accelerated liquidated damages.

VIII. Client agrees not to withhold any portion of the monthly Agreement amount for any reason, unless prior written permission is obtained from Company, as the obligation to make payments hereunder is an independent obligation. Company may suspend services if payment is not received when due. In the event that enforcement of any obligation owed to Company, is placed in the hands of an attorney for collection, compromise or any other action, Client agrees to pay the reasonable attorney's fees, cost and necessary disbursements, in addition to any other relief that may be granted.

IX. This Agreement will be governed by the laws of the state of Utah. The parties hereto submit to jurisdiction in Salt Lake County, Utah. All actions brought pursuant to this Agreement shall be brought in Salt Lake County, Utah. The parties further agree to service of any action filed in Salt Lake County, Utah, via certified mail.

By signing this agreement I represent and warrant that I am duly authorized and have the legal capacity to execute and deliver this agreement.

Company Representative	Authorized Client Representative	
		
Dave Bonnemort Regional Director	**Steve Clark** Water Operations Manager	Date

SPECIALTY SERVICES

Below are some of the many services our Franchisees offer in addition to regular janitorial maintenance

High-Touch Disinfection

Anago's franchise owners offer disinfection application for high-frequency touch areas such as doorknobs, light switches, elevator buttons, phones, and keyboards.

Electrostatic Disinfection

Our franchisees use hospital-grade, EPA approved cleaning products and a CDC compliant disinfection spray process to disinfect up to 99.9% of your workspace.

Comprehensive Detail Cleaning

Whether it's one specific area or your entire office that needs a thorough, in-depth cleaning, Anago's franchisees can be there to get it done.

Ceramic Tile & Grout Cleaning

Our franchise owners are versed in the latest methods such as machine scrubbing and acid washing, for bringing back the luster to your ceramic tile and grout.

Hard Surface Floor Care

Our franchisees offer cleaning solutions for all types of hard surface flooring, such as vinyl composite tile, linoleum, concrete, and marble floors.

Carpet Cleaning

Our franchisees' professional carpet and upholstery cleaning services, such as spot cleaning, extraction, and bonnet cleaning help your facility maintain a clean image.

Hardwood Floor Care

Anago's franchise owners keep your hardwood floors looking great using specialized cleaning processes and commercial grade products to ensure superior durability.

Emergency Services

Anago's highly skilled janitorial franchise owners are available 24/7 for any emergency clean-up needed at your office, including water damage.

SUMMARY

MAGNAWATED
PID **SID** **Control #** Dave Bonnemort **Sales Rep**

Steve Clark

Magna Water - EDR Building

6750 W 2700 S

West Valley City, UT 84044

stevec@magnawaterut.gov

BILLING INFORMATION

Billing Address

☐ Same as above

Address 1 | Address 2

City | State or Province | Postal Code

Email

Accounts Payable Contact

☐ Same as above

Name

Email | Phone

☐ Cell ☐ Work ☐ Other

EMERGENCY CONTACT

☐ Same as above

Name

Phone | Extension

☐ Cell ☐ Work ☐ Other

Email

TAX EXEMPT

☐ ***No***

☐ ***Yes***

If yes, please provide your Tax-Exemption number.

SERVICE COMMENCEMENT DATE

Please enter the date you would like service to begin

Please ensure the date you select falls on one of the Days Serviced

Eco-Invoice™

Receive a $5 Discount on monthly recurring service! Select Eco-Invoice™ to go paperless with automatic ACH debit.

☐ ***Yes*** ☐ ***No, I don't like discounts***

Get your invoice emailed right to your inbox instead of in the mail. We'll apply your $5 discount and bill you automatically each month, and you'll save time, money, and trees.

I hereby authorize Anago to debit my bank account for payment of Services as detailed in the Service Procurement Agreement. My bank account details are as follows:

☐ ***5th*** ☐ ***15th*** ☐ ***Last Day***

Name on Bank Account

Bank Name

Account Type: ☐ ***Checking*** ☐ ***Savings***

Routing #

Account #

Bank Account Billing Address

Eco-Invoice™ Terms

1. These instructions are valid until (i) Non-Renewal of Agreement; (ii) Termination of Agreement; or (iii) Client provides written instructions to Anago of Utah ("Company") to the contrary.
2. Amount charged to Clients on Eco-Invoice may vary based on Specialty Services requested or credits to Client.
3. Client agrees to inform Company in writing if the nominated bank account is closed and shall provide Company with a secondary bank account within five (5) days of written notice should a payment be declined.
4. Client shall be responsible for any bank charges due to Client account having insufficient funds. Client shall remain liable for any and all outstanding invoices.
5. Client agrees to account being debited on or within five (5) days from selected payment date. Payment date will vary based on actual number of days in month for Client's selecting Last Day.

As an authorized agent, I hereby acknowledge and agree to the Eco-Invoice™ Terms & Conditions and accept this Agreement.

Authorized Client Representative

Steve Clark
Water Operations Manager

Date

Janitorial Services Proposal

Anago of Utah

Magna Water - Shop

8885 West 3500 South, Magna, UT 84044

Prepared for: Steve Clark - Water Operations Manager

Prepared by: Dave Bonnemort - Regional Director

Valid Through: 10/20/2025

INTRODUCTION

April 23, 2025

Dear Steve

We are pleased to have you as a potential client at Anago® and are confident our franchisees can provide you with an exceptional service. We understand that the cleanliness and disinfection of your facility are very important because people are simply more comfortable and productive in an environment where they feel safe. Selecting the right partner for your janitorial needs is the first line of defense in employee healthcare.

With Anago's proven program, you receive a customized schedule of cleaning based on your priorities and budget. Our rotational, systematic service ensures the highest level of cleanliness for the health of your employees and clients and also provides an unbeatable first impression!

Your business benefits from unique features that set Anago franchisees apart from other janitorial services including the use of Anago CleanCom® for instant communications, the Anago Protection+ Disinfection plans for infection prevention, our budget-friendly SmartClean℠ program, solid client support, advanced cleaning methods and equipment, EPA-registered disinfectants, and commitment to cleaning green. You can focus on your business, while our franchise owners keep your working environment safe and clean at a price you can afford.

The following information was prepared to help guide you in your decision about a janitorial service procurement agreement with us. Please feel free to reach out to me directly or to our Regional Office.

Sincerely,

Dave Bonnemort
Regional Director

Anago of Utah
(385) 743-2343
3195 S. Main Street Suite 130
South Salt Lake, UT 84115

THE SUPERIOR CHOICE FOR COMMERCIAL CLEANING.

Our quote is based on time values outlined by the Building Service Contractors Association International and the International Sanitary Standards Association. These time values are standards within our industry utilized in estimating Housekeeping Tasks. In the summary that follows, a custom-tailored program has been compiled for your facility. All supervision, labor, supplies and equipment, payroll taxes, and insurance have been included in the pricing schedule.

Protection+ Disinfection®

Using EPA approved disinfectants, Anago franchisees provide a germ-busting clean that looks great but desinfects and sanitizes, which helps to minimize the spread of illnesses and limits sick-time.

2-Hour Response Guarantee

Because of our commitment to your custom-tailored cleaning needs, we offer our 2-Hour Response Guarantee following the reporting of any items not completed to your satisfaction.

Instant Communications

Anago provides a direct communication platform to stay in close contact with franchise owners regarding all services performed, through Anago CleanCom®.

Insurance & Bonding

Our franchisees' services are covered under an insurance policy for bodily injury, property damage, public liability, and workers compensation (where required).

The Third Pass

Anago's franchise owners take extra measures with nightly checklists to ensure your facility is properly secured upon completion of duties to give you peace of mind.

Franchising Concept

The franchising concept works because of the simple principle that the owner of the business is the supervisor of, and participant in, the actual cleaning and maintenance of your facility.

We look forward to working with you in the near future!

SUPERIOR SERVICE GUARANTEED

GOOGLE REVIEWS ★★★★★

Ali Borowczyk ★★★★★

Easy to communicate with. Got here on time, and the floors look great.

Angela Johnson ★★★★★

At my business, we've been getting our carpets cleaned for years by the same company. I decided to allow Anago to give me a quote. They were prompt in their responses, arrived on time, and quickly gave me an estimate and got me on the schedule. I am SO glad we switched to them. I was never unhappy with my previous service, but Anago was so much more thorough, it looks like the carpets are brand new again. We are a high-traffic business in an industrial area, so the carpets take a beating. Even stains that the previous technicians couldn't get out, Anago managed to lift. They've done more in one carpet cleaning than we've had in years of regular cleaning through the other company. If you're on the fence, I HIGHLY recommend them.

Sharon Holloway ★★★★★

Anago did an amazing job deep cleaning our office's. Dave and his crew are awesome. We will certainly use them again in the future as well as let anyone that is looking for a company that does quality work know about Anago. Very professional group.

Ashley Malin ★★★★★

Anago of Utah does it again! I am constantly in "awe" of how well this company does. We just had our office carpets cleaned and they look brand new! I thought there was no way they'd get all of the stains out, but yet they did! Thank you for always showing up and going above and beyond!! I would highly recommend this company to anyone looking for cleaning help!! 100%!!

AREA SPECIFICATIONS

We are pleased to submit this Proposal to procure Janitorial Services for the following location:

Magna Water - Shop
8885 West 3500 South
Magna, UT 84044

Service Areas

1. Office(s)
2. Kitchen(s)
3. Restroom(s)
4. Stairwell(s)
5. Hallways

The specifications and the terms as set forth describe the Services to be performed, frequency, and conditions of the Agreement. The Client requests that products, equipment, and materials used are those that are recommended by Anago of Utah.

CLEANING SPECIFICATIONS

Weekly Cleaning

General Office Area

1. All trash receptacles will be emptied, wiped as needed, and trash removed to the dumpster area.
2. Wipe clean all surfaces of desks (do not move papers), tables, counters, and filing cabinets per Client's instruction.
3. Detail vacuum all carpet including mats, runners, stairs, edges, corners, and beneath furniture.

Kitchen Areas

1. Wipe clean tables, chairs, sink, counters, and exterior of cabinets in Kitchen.
2. Wipe clean exterior of all countertop appliances in Kitchen with disinfectant, including the interior of microwaves.
3. Wipe down coffee machines and coffee stations. Check to be sure coffee machines have been turned off.

Restrooms (Both Buildings)

1. Fill dispensers with towels, tissue, and hand soap. Wipe dispenser fronts.
2. Empty sanitary napkin receptacles, disinfect, and re-line from stock.
3. Empty trash receptacles and wipe, if needed.
4. Wipe clean exposed pipe, counters, ledges, tops of partitions, mirrors, and air grills.
5. Sweep tile floor.
6. Spot clean toilet partitions and dust tops.
7. Clean sinks, disinfect counters, and polish chrome fittings.

8. Remove splash marks from walls around sinks.
9. Clean and polish mirrors.
10. Damp mop restroom floors, including corners and edges, with disinfectant, pouring water down drains to eliminate odors.

Monthly Cleaning

General Office

1. High Dust ceiling corners and remove cobwebs.
2. Spot clean and disinfect light switches
3. Spot clean door frames.
4. Dust all blinds and verticals.
5. Dust HVAC vents and louvers.
6. Dust picture frames.
7. Dust window sills.
8. Dust baseboards.

Miscellaneous Cleaning

Exit Procedures

1. Keep the janitorial closet and all stock, including janitorial equipment, clean, neat, and orderly. Empty and rinse mop buckets nightly.
2. Turn off designated lights, re-secure all previously locked doors and areas, and set alarms per Client's instructions.
3. Complete a final walk through of the facility to ensure specifications have been completed.

Special Notes

One restroom is in the building next to the shop.

Note there is one restroom in a second building next door to main shop office.

All trash liners to be furnished by the Client.
All Restroom supplies (towels, tissue, hand soap) to be furnished by the Client. _____ Initial

MONTHLY SERVICE PRICING

Quote 1: 1x Weekly Service

Initial	Frequency	Days Serviced	Time Window	Monthly Price
	1x Weekly	Thu	7a - 5:30p	$225.00

Initial

SERVICE PROCUREMENT AGREEMENT

GDTH d/b/a Anago® of Utah ("Company") is a subfranchisor of Anago Franchising, Inc. and, as such, is in the business of procuring independently owned and operated franchise owners and contractors ("Service Providers") to provide its clients with maintenance and janitorial services under the trade name and operating style unique to the Anago® brand as described herein (the "Services"). Magna Water - Shop ("Client") desires to contract with Company to arrange for Service Providers to provide the Services for Client's premises. In consideration of the foregoing, the covenants contained herein, and other valuable consideration, receipt and sufficiency of which are acknowledged, Company and Client agree as follows:

I. Company agrees to arrange for Service Providers to provide the Services as described herein, with each Service Provider to furnish all tools and equipment necessary to provide the Services as outlined in the Cleaning Specifications attached hereto and made a part hereof.

II. Service Providers will render the Services as described in the Cleaning Specifications to the areas listed in Area Specifications at the set frequency and days selected by Client in the Monthly Service Pricing and Specialty Service(s) sections, respectively. Holidays excluded shall be New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

III. Client agrees to pay Company each month the total sum stated in attached Monthly Service Pricing. Payment shall be due on or before the TENTH day of each month for that month's Services. A late charge of 1.5% per month will be assessed on all invoices that are 30 days past due. Requests to adjust pricing to reflect additions to or deletions from the Services or for change in frequency of Services shall be made in writing and shall only be binding if signed by both parties. Upon prior written notice to Client, Company may increase the Monthly Service Pricing to allow Service Providers to adhere to local wage regulations applicable to their employees or annually by a percentage not to exceed the annual increase of the Consumer Price Index as most recently published in the Wall Street Journal.

IV. It is expressly agreed that Company, the Service Providers, and their respective employees and contractors will not, by virtue of providing the Services under this Agreement, be employees of Client, but are independent contractors and no withholding of Social Security, Federal, or State Income Tax or other deductions shall be made from the sums agreed to be paid by Client to Company herein. All such payments are contract payments and not wages.

V. Client agrees that Company will have the sole discretion to select the Service Providers who will perform the Services. Subject to applicable laws, Client agrees that during the term of this Agreement and for 180 days after expiration or termination, it will not employ any Service Provider or any employee, agent, or associate of a Service Provider to perform the same or substantially the same type of Services. Company agrees that during the term of this Agreement and for 180 days after expiration or termination, it will not employ any employee, agent, or associate of Client. Client acknowledges and agrees that this Agreement may be assigned by Company to the Service Provider performing the Services, but, in that event, all payments to be made under this Agreement shall continue to be made to Company, as described herein, as the collection servicing agent of the Service Provider.

VI. The term of this Agreement shall be for one (1) year from the Service Commencement Date, and thereafter shall automatically be extended under the same terms and conditions for successive 1-year periods, unless either party gives written notice of non-renewal at least 60 days prior to expiration of the then-expiring term. Otherwise, Company may terminate this Agreement upon sixty (60) days written notice to Client. Client may terminate this Agreement only for non-performance as set out herein. Before any such termination is effective, Client agrees to notify Company in writing of the non-performance items and to give Company fifteen (15) days to cure said items. If satisfaction is not achieved after the fifteenth day, Client must give Company a sixty (60) days written notice via certified mail with return receipt requested, stating the non-performance items.

VII. Client agrees and understands that it is impossible to determine the actual damages caused by its breach of this Agreement. Therefore, any amount due and owed under this Agreement for any remaining part of the term of this Agreement (as though the Agreement had not been terminated) shall be accelerated liquidated damages.

VIII. Client agrees not to withhold any portion of the monthly Agreement amount for any reason, unless prior written permission is obtained from Company, as the obligation to make payments hereunder is an independent obligation. Company may suspend services if payment is not received when due. In the event that enforcement of any obligation owed to Company, is placed in the hands of an attorney for collection, compromise or any other action, Client agrees to pay the reasonable attorney's fees, cost and necessary disbursements, in addition to any other relief that may be granted.

IX. This Agreement will be governed by the laws of the state of Utah. The parties hereto submit to jurisdiction in Salt Lake County, Utah. All actions brought pursuant to this Agreement shall be brought in Salt Lake County, Utah. The parties further agree to service of any action filed in Salt Lake County, Utah, via certified mail.

By signing this agreement I represent and warrant that I am duly authorized and have the legal capacity to execute and deliver this agreement.

Company Representative	Authorized Client Representative	
		
Dave Bonnemort Regional Director	**Steve Clark** Water Operations Manager	Date

SPECIALTY SERVICES

Below are some of the many services our Franchisees offer in addition to regular janitorial maintenance

High-Touch Disinfection

Anago's franchise owners offer disinfection application for high-frequency touch areas such as doorknobs, light switches, elevator buttons, phones, and keyboards.

Electrostatic Disinfection

Our franchisees use hospital-grade, EPA approved cleaning products and a CDC compliant disinfection spray process to disinfect up to 99.9% of your workspace.

Comprehensive Detail Cleaning

Whether it's one specific area or your entire office that needs a thorough, in-depth cleaning, Anago's franchisees can be there to get it done.

Ceramic Tile & Grout Cleaning

Our franchise owners are versed in the latest methods such as machine scrubbing and acid washing, for bringing back the luster to your ceramic tile and grout.

Hard Surface Floor Care

Our franchisees offer cleaning solutions for all types of hard surface flooring, such as vinyl composite tile, linoleum, concrete, and marble floors.

Carpet Cleaning

Our franchisees' professional carpet and upholstery cleaning services, such as spot cleaning, extraction, and bonnet cleaning help your facility maintain a clean image.

Hardwood Floor Care

Anago's franchise owners keep your hardwood floors looking great using specialized cleaning processes and commercial grade products to ensure superior durability.

Emergency Services

Anago's highly skilled janitorial franchise owners are available 24/7 for any emergency clean-up needed at your office, including water damage.

SUMMARY

MAGNAWATSH
PID **SID** **Control #** Dave Bonnemort **Sales Rep**

Steve Clark

Magna Water - Shop

8885 West 3500 South

Magna, UT 84044

stevec@magnawaterut.gov

BILLING INFORMATION

Billing Address

☐ Same as above

Address 1 | Address 2

City | State or Province | Postal Code

Email

Accounts Payable Contact

☐ Same as above

Name

Email | Phone

☐ Cell ☐ Work ☐ Other

EMERGENCY CONTACT

☐ Same as above

Name

Phone | Extension

☐ Cell ☐ Work ☐ Other

Email

TAX EXEMPT

☐ ***No***

☐ ***Yes***

If yes, please provide your Tax-Exemption number.

SERVICE COMMENCEMENT DATE

Please enter the date you would like service to begin

Please ensure the date you select falls on one of the Days Serviced

Eco-Invoice™

Receive a $5 Discount on monthly recurring service! Select Eco-Invoice™ to go paperless with automatic ACH debit.

☐ ***Yes*** ☐ ***No, I don't like discounts***

Get your invoice emailed right to your inbox instead of in the mail. We'll apply your $5 discount and bill you automatically each month, and you'll save time, money, and trees.

I hereby authorize Anago to debit my bank account for payment of Services as detailed in the Service Procurement Agreement. My bank account details are as follows:

☐ ***5th*** ☐ ***15th*** ☐ ***Last Day***

Name on Bank Account

Bank Name

Account Type: ☐ ***Checking*** ☐ ***Savings***

Routing #

Account #

Bank Account Billing Address

Eco-Invoice™ Terms

1. These instructions are valid until (i) Non-Renewal of Agreement; (ii) Termination of Agreement; or (iii) Client provides written instructions to Anago of Utah ("Company") to the contrary.
2. Amount charged to Clients on Eco-Invoice may vary based on Specialty Services requested or credits to Client.
3. Client agrees to inform Company in writing if the nominated bank account is closed and shall provide Company with a secondary bank account within five (5) days of written notice should a payment be declined.
4. Client shall be responsible for any bank charges due to Client account having insufficient funds. Client shall remain liable for any and all outstanding invoices.
5. Client agrees to account being debited on or within five (5) days from selected payment date. Payment date will vary based on actual number of days in month for Client's selecting Last Day.

As an authorized agent, I hereby acknowledge and agree to the Eco-Invoice™ Terms & Conditions and accept this Agreement.

Authorized Client Representative

Steve Clark
Water Operations Manager

Date

Janitorial Services Proposal

Anago of Utah

Magna Waste Water - Admin

7764 W 2100 S, Magna, UT 84128

Prepared for: Steve Clark - Water Operations Manager

Prepared by: Dave Bonnemort - Regional Director

Valid Through: 03/03/2026

INTRODUCTION

September 4, 2025

Dear Steve

We are pleased to have you as a potential client at Anago® and are confident our franchisees can provide you with an exceptional service. We understand that the cleanliness and disinfection of your facility are very important because people are simply more comfortable and productive in an environment where they feel safe. Selecting the right partner for your janitorial needs is the first line of defense in employee healthcare.

With Anago's proven program, you receive a customized schedule of cleaning based on your priorities and budget. Our rotational, systematic service ensures the highest level of cleanliness for the health of your employees and clients and also provides an unbeatable first impression!

Your business benefits from unique features that set Anago franchisees apart from other janitorial services including the use of Anago CleanCom® for instant communications, the Anago Protection+ Disinfection plans for infection prevention, our budget-friendly SmartClean℠ program, solid client support, advanced cleaning methods and equipment, EPA-registered disinfectants, and commitment to cleaning green. You can focus on your business, while our franchise owners keep your working environment safe and clean at a price you can afford.

The following information was prepared to help guide you in your decision about a janitorial service procurement agreement with us. Please feel free to reach out to me directly or to our Regional Office.

Sincerely,

Dave Bonnemort
Regional Director

Anago of Utah
(385) 743-2343
3195 S. Main Street Suite 130
South Salt Lake, UT 84115

THE SUPERIOR CHOICE FOR COMMERCIAL CLEANING.

Our quote is based on time values outlined by the Building Service Contractors Association International and the International Sanitary Standards Association. These time values are standards within our industry utilized in estimating Housekeeping Tasks. In the summary that follows, a custom-tailored program has been compiled for your facility. All supervision, labor, supplies and equipment, payroll taxes, and insurance have been included in the pricing schedule.

Protection+ Disinfection®

Using EPA approved disinfectants, Anago franchisees provide a germ-busting clean that looks great but desinfects and sanitizes, which helps to minimize the spread of illnesses and limits sick-time.

2-Hour Response Guarantee

Because of our commitment to your custom-tailored cleaning needs, we offer our 2-Hour Response Guarantee following the reporting of any items not completed to your satisfaction.

Instant Communications

Anago provides a direct communication platform to stay in close contact with franchise owners regarding all services performed, through Anago CleanCom®.

Insurance & Bonding

Our franchisees' services are covered under an insurance policy for bodily injury, property damage, public liability, and workers compensation (where required).

The Third Pass

Anago's franchise owners take extra measures with nightly checklists to ensure your facility is properly secured upon completion of duties to give you peace of mind.

Franchising Concept

The franchising concept works because of the simple principle that the owner of the business is the supervisor of, and participant in, the actual cleaning and maintenance of your facility.

We look forward to working with you in the near future!

SUPERIOR SERVICE GUARANTEED

GOOGLE REVIEWS ★★★★★

Jason Clark ★★★★★

We've been using Anago for a few years now and there's a reason we haven't changed. They are AMAZING! Always do such a great job and are easy to work with. We schedule them once a year to do a full carpet cleaning and strip and wax of our floors and they never disappoint! The weekly cleaning is top notch and if we ever need an extra touch up, they're easy to schedule. Their prices are incredibly fair and they're worth every penny. I highly recommend them!

Elle Shirzad ★★★★★

Our experience working with Erika and her team has been nothing short of wonderful. They are communicative, professional and they go above and beyond to make sure our building looks great each week. Any special requests we've made, including use of their carpet cleaning services have been taken care of! It gives us so much peace of mind to know we have a great team- Anago's services are worth every penny.

Ana Guardia ★★★★★

Excellent cleaning service. The team was punctual, professional, and very detail-oriented in their work. They used high-quality products and made sure everything was spotless. I would definitely recommend them for any cleaning job.

Nicholas Wells ★★★★★

We just needed a one-off cleaning project done on short notice to prepare for a new office tenant. Dave scheduled it quickly. Polo and Saul came over and did a terrific job--carpet cleaning, appliances, general dusting and cleaning of a very dirty office space. They were efficient, professional, and did a great job. I will be calling Anago again next time I need any cleaning help!

AREA SPECIFICATIONS

We are pleased to submit this Proposal to procure Janitorial Services for the following location:

Magna Waste Water - Admin
7764 W 2100 S
Magna, UT 84128

Service Areas

1. Office(s)
2. Kitchen(s)
3. Restroom(s)
4. Common Area(s)
5. Break Area(s)
6. Conference Room(s)

The specifications and the terms as set forth describe the Services to be performed, frequency, and conditions of the Agreement. The Client requests that products, equipment, and materials used are those that are recommended by Anago of Utah.

CLEANING SPECIFICATIONS

Weekly Cleaning

General Facility

1. All trash receptacles will be emptied, wiped as needed, and trash removed to the dumpster area.
2. Wipe clean all surfaces of common area tables, counters, and filing cabinets per Client's instruction.
3. Wipe clean Conference Room tables and properly arrange chairs.
4. Clean entrance area door glass.
5. Spot clean partition glass, as needed.
6. Clean and disinfect drinking fountains.
7. Vacuum all areas of carpeting, including mats and runners.
8. Dust mop all hard surface floors.
9. Damp mop all hard surface floors.

Kitchen Areas

1. Wipe clean tables, chairs, sink, counters, and exterior of cabinets in Kitchen.
2. Wipe clean exterior of all countertop appliances in Kitchen with disinfectant, including the interior of microwaves.
3. Wipe down coffee machines and coffee stations. Check to be sure coffee machines have been turned off.

Restrooms

1. Fill dispensers with towels, tissue, and hand soap. Wipe dispenser fronts.
2. Empty sanitary napkin receptacles, disinfect, and re-line from stock.

3. Empty trash receptacles and wipe, if needed.
4. Wipe clean exposed pipe, counters, ledges, tops of partitions, mirrors, and air grills.
5. Sweep tile floor.
6. Disinfect interior and exterior of toilets and toilet seats. Polish all chrome fittings.
7. Disinfect interior and exterior of urinals. Polish all chrome fittings.
8. Change urinal deodorizers as needed.
9. Clean sinks, disinfect counters, and polish chrome fittings.
10. Remove splash marks from walls around sinks.
11. Clean and polish mirrors.
12. Damp mop restroom floors, including corners and edges, with disinfectant, pouring water down drains to eliminate odors.
13. Wipe clean all showers with a disinfectant. Polish all chrome fittings.

Monthly Cleaning

General Office

1. High Dust ceiling corners and remove cobwebs.
2. Spot clean and disinfect light switches
3. Spot clean door frames.
4. Dust all blinds and verticals.
5. Dust HVAC vents and louvers.
6. Dust picture frames.
7. Dust window sills.
8. Dust baseboards.

Miscellaneous Cleaning

Exit Procedures

1. Keep the janitorial closet and all stock, including janitorial equipment, clean, neat, and orderly. Empty and rinse mop buckets nightly.
2. Turn off designated lights, re-secure all previously locked doors and areas, and set alarms per Client's instructions.
3. Complete a final walk through of the facility to ensure specifications have been completed.

All trash liners to be furnished by the Client.
All Restroom supplies (towels, tissue, hand soap) to be furnished by the Client. _____ Initial

MONTHLY SERVICE PRICING

Quote 1: 1x Weekly Service

Initial	Frequency	Days Serviced	Time Window	Monthly Price
_____ *Initial*	1x Weekly	Fri	8a - 12p, 1p - 4p	$375.00

SERVICE PROCUREMENT AGREEMENT

GDTH d/b/a Anago® of Utah ("Company") is a subfranchisor of Anago Franchising, Inc. and, as such, is in the business of procuring independently owned and operated franchise owners and contractors ("Service Providers") to provide its clients with maintenance and janitorial services under the trade name and operating style unique to the Anago® brand as described herein (the "Services"). Magna Waste Water - Admin ("Client") desires to contract with Company to arrange for Service Providers to provide the Services for Client's premises. In consideration of the foregoing, the covenants contained herein, and other valuable consideration, receipt and sufficiency of which are acknowledged, Company and Client agree as follows:

I. Company agrees to arrange for Service Providers to provide the Services as described herein, with each Service Provider to furnish all tools and equipment necessary to provide the Services as outlined in the Cleaning Specifications attached hereto and made a part hereof.

II. Service Providers will render the Services as described in the Cleaning Specifications to the areas listed in Area Specifications at the set frequency and days selected by Client in the Monthly Service Pricing and Specialty Service(s) sections, respectively. Holidays excluded shall be New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

III. Client agrees to pay Company each month the total sum stated in attached Monthly Service Pricing. Payment shall be due on or before the TENTH day of each month for that month's Services. A late charge of 1.5% per month will be assessed on all invoices that are 30 days past due. Requests to adjust pricing to reflect additions to or deletions from the Services or for change in frequency of Services shall be made in writing and shall only be binding if signed by both parties. Upon prior written notice to Client, Company may increase the Monthly Service Pricing to allow Service Providers to adhere to local wage regulations applicable to their employees or annually by a percentage not to exceed the annual increase of the Consumer Price Index as most recently published in the Wall Street Journal.

IV. It is expressly agreed that Company, the Service Providers, and their respective employees and contractors will not, by virtue of providing the Services under this Agreement, be employees of Client, but are independent contractors and no withholding of Social Security, Federal, or State Income Tax or other deductions shall be made from the sums agreed to be paid by Client to Company herein. All such payments are contract payments and not wages.

V. Client agrees that Company will have the sole discretion to select the Service Providers who will perform the Services. Subject to applicable laws, Client agrees that during the term of this Agreement and for 180 days after expiration or termination, it will not employ any Service Provider or any employee, agent, or associate of a Service Provider to perform the same or substantially the same type of Services. Company agrees that during the term of this Agreement and for 180 days after expiration or termination, it will not employ any employee, agent, or associate of Client. Client acknowledges and agrees that this Agreement may be assigned by Company to the Service Provider performing the Services, but, in that event, all payments to be made under this Agreement shall continue to be made to Company, as described herein, as the collection servicing agent of the Service Provider.

VI. The term of this Agreement shall be for one (1) year from the Service Commencement Date, and thereafter shall automatically be extended under the same terms and conditions for successive 1-year periods, unless either party gives written notice of non-renewal at least 60 days prior to expiration of the then-expiring term. Otherwise, Company may terminate this Agreement upon sixty (60) days written notice to Client. Client may terminate this Agreement only for non-performance as set out herein. Before any such termination is effective, Client agrees to notify Company in writing of the non-performance items and to give Company fifteen (15) days to cure said items. If satisfaction is not achieved after the fifteenth day, Client must give Company a sixty (60) days written notice via certified mail with return receipt requested, stating the non-performance items.

VII. Client agrees and understands that it is impossible to determine the actual damages caused by its breach of this Agreement. Therefore, any amount due and owed under this Agreement for any remaining part of the term of this Agreement (as though the Agreement had not been terminated) shall be accelerated liquidated damages.

VIII. Client agrees not to withhold any portion of the monthly Agreement amount for any reason, unless prior written permission is obtained from Company, as the obligation to make payments hereunder is an independent obligation. Company may suspend services if payment is not received when due. In the event that enforcement of any obligation owed to Company, is placed in the hands of an attorney for collection, compromise or any other action, Client agrees to pay the reasonable attorney's fees, cost and necessary disbursements, in addition to any other relief that may be granted.

IX. This Agreement will be governed by the laws of the state of Utah. The parties hereto submit to jurisdiction in Salt Lake County, Utah. All actions brought pursuant to this Agreement shall be brought in Salt Lake County, Utah. The parties further agree to service of any action filed in Salt Lake County, Utah, via certified mail.

By signing this agreement I represent and warrant that I am duly authorized and have the legal capacity to execute and deliver this agreement.

Company Representative	Authorized Client Representative	
		
Dave Bonnemort Regional Director	**Steve Clark** Water Operations Manager	Date

SPECIALTY SERVICES

Below are some of the many services our Franchisees offer in addition to regular janitorial maintenance

High-Touch Disinfection

Anago's franchise owners offer disinfection application for high-frequency touch areas such as doorknobs, light switches, elevator buttons, phones, and keyboards.

Electrostatic Disinfection

Our franchisees use hospital-grade, EPA approved cleaning products and a CDC compliant disinfection spray process to disinfect up to 99.9% of your workspace.

Comprehensive Detail Cleaning

Whether it's one specific area or your entire office that needs a thorough, in-depth cleaning, Anago's franchisees can be there to get it done.

Ceramic Tile & Grout Cleaning

Our franchise owners are versed in the latest methods such as machine scrubbing and acid washing, for bringing back the luster to your ceramic tile and grout.

Hard Surface Floor Care

Our franchisees offer cleaning solutions for all types of hard surface flooring, such as vinyl composite tile, linoleum, concrete, and marble floors.

Carpet Cleaning

Our franchisees' professional carpet and upholstery cleaning services, such as spot cleaning, extraction, and bonnet cleaning help your facility maintain a clean image.

Hardwood Floor Care

Anago's franchise owners keep your hardwood floors looking great using specialized cleaning processes and commercial grade products to ensure superior durability.

Emergency Services

Anago's highly skilled janitorial franchise owners are available 24/7 for any emergency clean-up needed at your office, including water damage.

SUMMARY

MAGNAWWADM
PID **SID** **Control #**

Dave Bonnemort
Sales Rep

Steve Clark

Magna Waste Water - Admin

7764 W 2100 S

Magna, UT 84128

BILLING INFORMATION

Billing Address

☐ Same as above

Address 1 | Address 2

City | State or Province | Postal Code

Email

Accounts Payable Contact

☐ Same as above

Name

Email | Phone

☐ Cell ☐ Work ☐ Other

EMERGENCY CONTACT

☐ Same as above

Name

Phone | Extension

☐ Cell ☐ Work ☐ Other

Email

TAX EXEMPT

☐ ***No***

☐ ***Yes***

If yes, please provide your Tax-Exemption number.

SERVICE COMMENCEMENT DATE

Please enter the date you would like service to begin

Please ensure the date you select falls on one of the Days Serviced

Eco-Invoice™

Receive a $5 Discount on monthly recurring service! Select Eco-Invoice™ to go paperless with automatic ACH debit.

☐ ***Yes*** ☐ ***No, I don't like discounts***

Get your invoice emailed right to your inbox instead of in the mail. We'll apply your $5 discount and bill you automatically each month, and you'll save time, money, and trees.

I hereby authorize Anago to debit my bank account for payment of Services as detailed in the Service Procurement Agreement. My bank account details are as follows:

☐ ***5th*** ☐ ***15th*** ☐ ***Last Day***

Name on Bank Account

Bank Name

Account Type: ☐ ***Checking*** ☐ ***Savings***

Routing #

Account #

Bank Account Billing Address

Eco-Invoice™ Terms

1. These instructions are valid until (i) Non-Renewal of Agreement; (ii) Termination of Agreement; or (iii) Client provides written instructions to Anago of Utah ("Company") to the contrary.
2. Amount charged to Clients on Eco-Invoice may vary based on Specialty Services requested or credits to Client.
3. Client agrees to inform Company in writing if the nominated bank account is closed and shall provide Company with a secondary bank account within five (5) days of written notice should a payment be declined.
4. Client shall be responsible for any bank charges due to Client account having insufficient funds. Client shall remain liable for any and all outstanding invoices.
5. Client agrees to account being debited on or within five (5) days from selected payment date. Payment date will vary based on actual number of days in month for Client's selecting Last Day.

As an authorized agent, I hereby acknowledge and agree to the Eco-Invoice™ Terms & Conditions and accept this Agreement.

Authorized Client Representative

Steve Clark
Water Operations Manager

Date

Bliss Cleaning Services

5234 Spratling Drive | West Jordan, Utah 84081
(385)500-6739 | contact@cleaningbliss.com |
https://cleaningbliss.com/

RECIPIENT:

Magna Water District
8911 West 3500 South
Magna, Utah 84044
Phone: 801.250.2118

Estimate #386

Sent on	Aug 19, 2025
Total	**$175.00**

Product/Service	Description	Qty.	Unit Price	Total
Janitorial Service	2x per week Price is per service	1	$175.00	$175.00

Total **$175.00**

This estimate is valid for the next 30 days, after which values may be subject to change.

Cancellation Policy:
Bliss Cleaning Services requires a two-business-day notice for any cancellations. If Bliss Cleaning Services receives less than two business days' notice, or if we can not access your property, it will be necessary to charge you the total cleaning price to the card on file. All future cleanings will remain unchanged.

Refund Policy:
We understand that cleaning is personal for our clients and employees, and we realize that occasionally an area may not be cleaned to your satisfaction. Bliss Cleaning Services take pride in our work, and in case of any dissatisfaction, we will happily re-clean any area you are unsatisfied with, as we do not offer refunds. In case of a re-cleaning, we ask that you please let us know of any issues or concerns within 24 hours of your cleaning. After that, all work is final.

Signature: _____ **Date:** _____

Bliss Cleaning Services

5234 Spratling Drive | West Jordan, Utah 84081
(385)500-6739 | contact@cleaningbliss.com |
https://cleaningbliss.com/

RECIPIENT:

Magna Water District
6750 West 2690 South
Magna, Utah 84044
Phone: 801.250.2118

Estimate #387

Sent on	Aug 19, 2025
Total	**$129.00**

Product/Service	Description	Qty.	Unit Price	Total
Janitorial Service	1x a week between 0700-1700 Price is per service	1	$129.00	$129.00

Total **$129.00**

This estimate is valid for the next 30 days, after which values may be subject to change.

Cancellation Policy:
Bliss Cleaning Services requires a two-business-day notice for any cancellations. If Bliss Cleaning Services receives less than two business days' notice, or if we can not access your property, it will be necessary to charge you the total cleaning price to the card on file. All future cleanings will remain unchanged.

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Signature: _____ **Date:** _____

Bliss Cleaning Services

5234 Spratling Drive | West Jordan, Utah 84081
(385)500-6739 | contact@cleaningbliss.com |
https://cleaningbliss.com/

RECIPIENT:

Magna Water District
8911 West 3500 South
Magna, Utah 84044
Phone: 801.250.2118

Estimate #385

Sent on	Aug 19, 2025
Total	**$129.00**

Product/Service	Description	Qty.	Unit Price	Total
Janitorial Service	1x a week between 0700-1700	1	$129.00	$129.00

Total **$129.00**

This estimate is valid for the next 30 days, after which values may be subject to change.

Cancellation Policy:
Bliss Cleaning Services requires a two-business-day notice for any cancellations. If Bliss Cleaning Services receives less than two business days' notice, or if we can not access your property, it will be necessary to charge you the total cleaning price to the card on file. All future cleanings will remain unchanged.

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Signature: _____ **Date:** _____

Bliss Cleaning Services

5234 Spratling Drive | West Jordan, Utah 84081
(385)500-6739 | contact@cleaningbliss.com |
https://cleaningbliss.com/

RECIPIENT:

Magna Water District
7650 West 2100 South
Magna, Utah 84044
Phone: 801.250.2118

Estimate #388

Sent on	Aug 19, 2025
Total	**$129.00**

Product/Service	Description	Qty.	Unit Price	Total
Janitorial Service		1	$129.00	$129.00

Total **$129.00**

This estimate is valid for the next 30 days, after which values may be subject to change.

Cancellation Policy:
Bliss Cleaning Services requires a two-business-day notice for any cancellations. If Bliss Cleaning Services receives less than two business days' notice, or if we can not access your property, it will be necessary to charge you the total cleaning price to the card on file. All future cleanings will remain unchanged.

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Signature: _____ **Date:** _____

IMC Janitorial Services
4853 W Lemon Mint Ct
Eagle, ID 83616 US
+12088901054
admir@idahomaintenance.com
www.imc.cleaning

Estimate

ADDRESS
Steve Clark Magna Water- UT

ESTIMATE #	DATE	
1678	08/27/2025	

SERVICE	DESCRIPTION	QTY	RATE	AMOUNT
Recurring commercial cleaning service	***THIS IS A MONTHLY PRICE for the Main Office*** Cleaning to be performed 2x weekly Recurring commercial cleaning service to include all items listed on the IMC scope of work attached to the proposal via PDF	1	1,275.00	1,275.00

Thank you for your business! We have online pay set up and ready to go via ACH, or send us a check at 4853 W. Lemon Mint Ct. Eagle, ID 83616. If you prefer credit card payment, please let us know. A 3% processing fee will be added to the total.
Please take some time to review our service proposal. If you have any questions, concerns, or adjustments, please don't hesitate to reach out! We look forward to hearing from you shortly.

SUBTOTAL	1,275.00
TAX	0.00
TOTAL	**$1,275.00**

Accepted By

Accepted Date

IMC Janitorial Services
4853 W Lemon Mint Ct
Eagle, ID 83616 US
+12088901054
admir@idahomaintenance.com
www.imc.cleaning

Estimate

ADDRESS
Steve Clark Magna Water- UT

ESTIMATE #	DATE	
1679	08/27/2025	

SERVICE	DESCRIPTION	QTY	RATE	AMOUNT
Recurring commercial cleaning service	***THIS IS A MONTHLY PRICE for EDR*** Cleaning to be performed 1x/weekly. Recurring commercial cleaning service to include all items listed on the IMC SOW attached to the proposal via PDF	1	875.00	875.00

Thank you for your business! We have online pay set up and ready to go via ACH, or send us a check at 4853 W. Lemon Mint Ct. Eagle, ID 83616. If you prefer credit card payment, please let us know. A 3% processing fee will be added to the total.
Please take some time to review our service proposal. If you have any questions, concerns, or adjustments, please don't hesitate to reach out! We look forward to hearing from you shortly.

SUBTOTAL	875.00
TAX	0.00
TOTAL	**$875.00**

Accepted By

Accepted Date

IMC Janitorial Services
4853 W Lemon Mint Ct
Eagle, ID 83616 US
+12088901054
admir@idahomaintenance.com
www.imc.cleaning

Estimate

ADDRESS
Steve Clark Magna Water- UT

ESTIMATE #	DATE	
1677	08/27/2025	

SERVICE	DESCRIPTION	QTY	RATE	AMOUNT
Recurring commercial cleaning service	***THIS IS A MONTHLY PRICE for the SHOP*** Cleaning to be performed 1x weekly. To include all items listed on the IMC scope of work attached via PDF.	1	450.00	450.00

Thank you for your business! We have online pay set up and ready to go via ACH, or send us a check at 4853 W. Lemon Mint Ct. Eagle, ID 83616. If you prefer credit card payment, please let us know. A 3% processing fee will be added to the total.
Please take some time to review our service proposal. If you have any questions, concerns, or adjustments, please don't hesitate to reach out! We look forward to hearing from you shortly.

SUBTOTAL	450.00
TAX	0.00
TOTAL	**$450.00**

Accepted By

Accepted Date

Outlook

Fwd: Square footage for janitorial quote

IMC quote

Begin forwarded message:

From: Admir Susak <admir@imc.cleaning>
Date: August 27, 2025 at 1:24:59 PM MDT
Subject: Re: Square footage for janitorial quote

Hey Steve!

Thank you for these numbers. Here are some quotes for you. I used the same SOW for all buildings since the frequencies were varying. This means that the full scope would be provided based on the cleaning frequency you requested.

1677- 1x/week for the SHOP
1678- 2x/week for the MAIN OFFICE
1679- 1x/week for the EDR

I have a note showing frequency requests and WWTP is not listed on there as a building that gets cleaned. If it its a building that gets cleaned it would be the following pricing for 1x/week and 2x/week.

WWTP
1x/week: $525.00/m
2x/week: $775.00/month

Let me know if you have any questions or concerns!

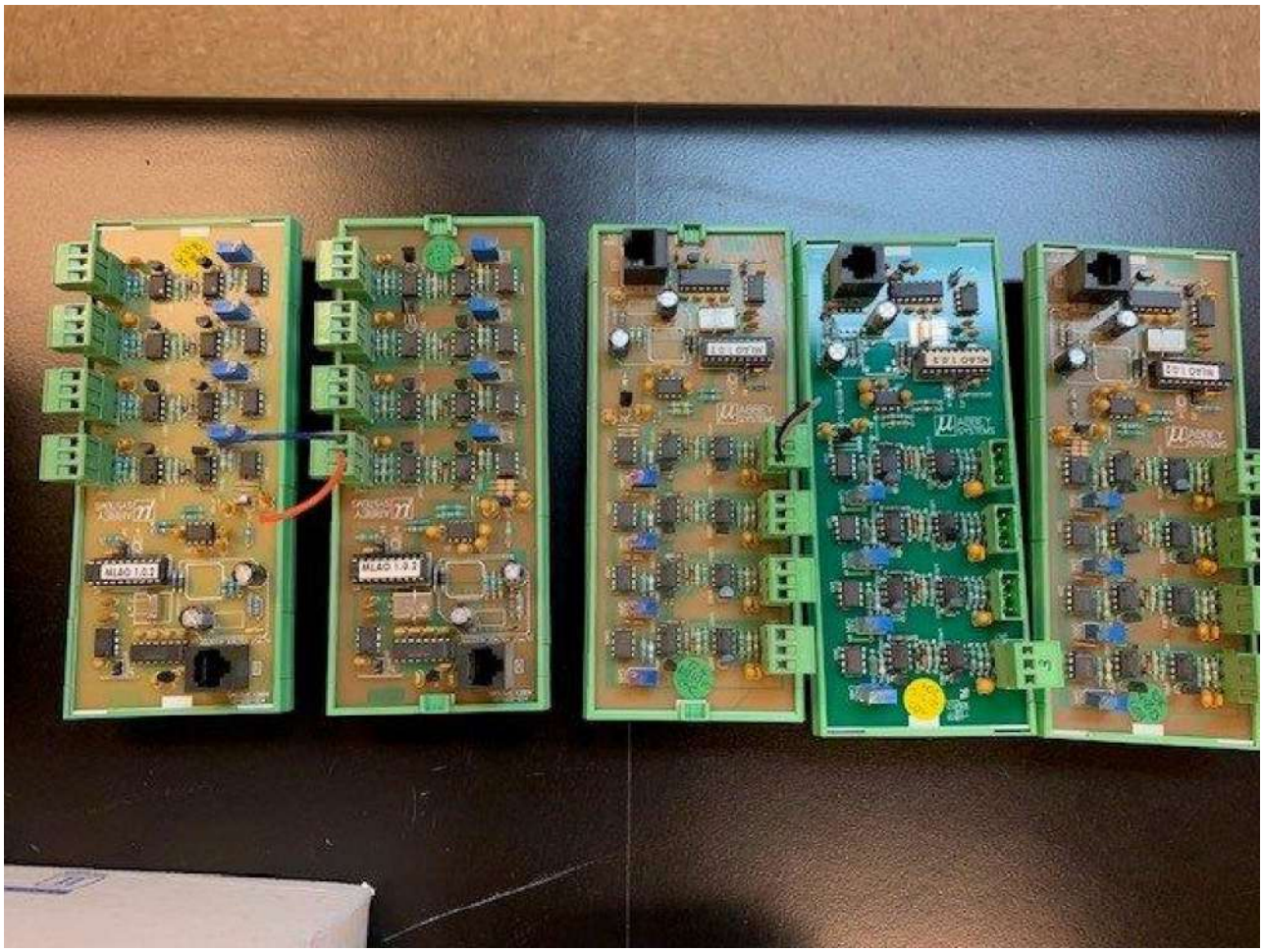
JANITORIAL SERVICES

Admir Susak | Founder

D: 208.890.1054 | F: 208.321.7023

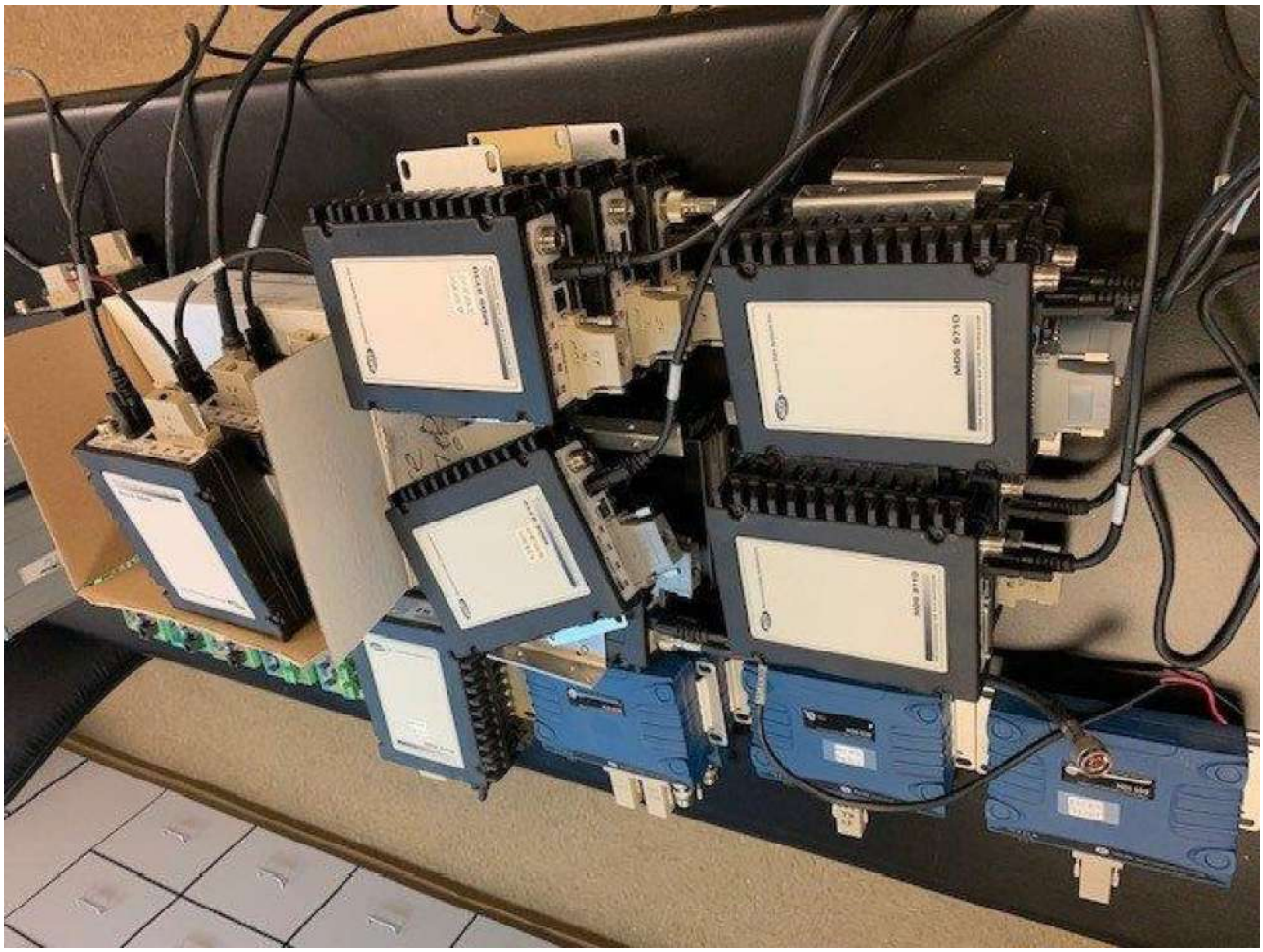
SURPLUS ITEMS

QUANTITY: 5



QUANTITY: 32

QUANTITY: 22



QUANTITY: 25

WRF WASTEWATER MASTER PLAN UPDATE

Magna WRF Master Plan

Magna Water District Board Meeting

Oct 9, 2025

Master Plan Drivers

1) Last major master plan update in 2017, minor updates in 2019

2) Concerns about organic treatment capacity as influent biological oxygen demand (BOD) has been higher than the 2017 projections

3) Very little spare capacity with the aeration system, especially if an aeration unit goes out of service

4) Major WRF structures 40 years old (e.g., oxidation ditches, clarifiers, chlorine contact basins)

Master Plan Objectives

1) Establish flow & load projections to serve as basis of master plan

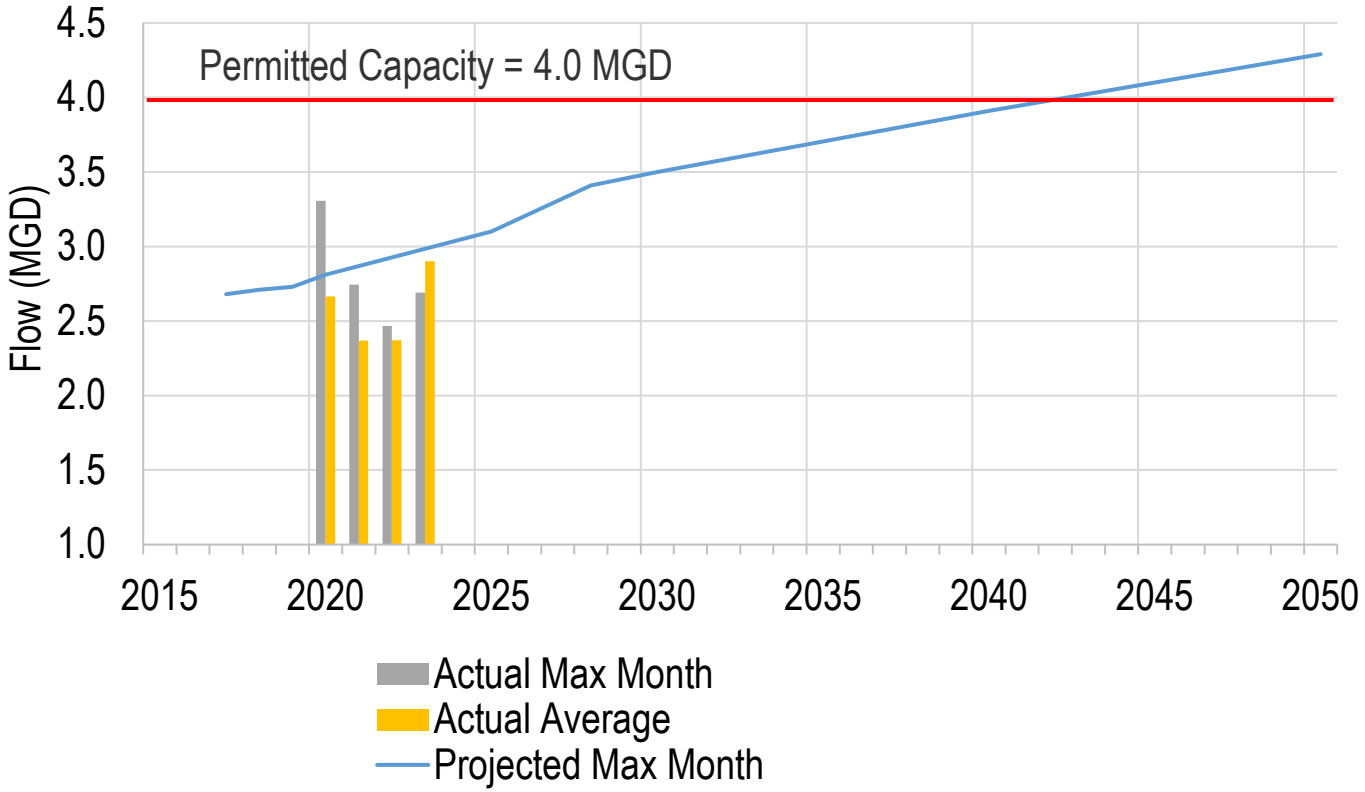
2) Conduct an existing WRF condition assessment

3) Evaluate capacity limitations within the oxidation ditches using a process model

4) Evaluate aeration equipment alternatives to increase aeration capacity in existing oxidation ditches

5) Evaluate future WRF treatment alternatives to replace aged infrastructure and meet future capacity and regulatory requirements

Flows – Actual vs. Projected (2020)

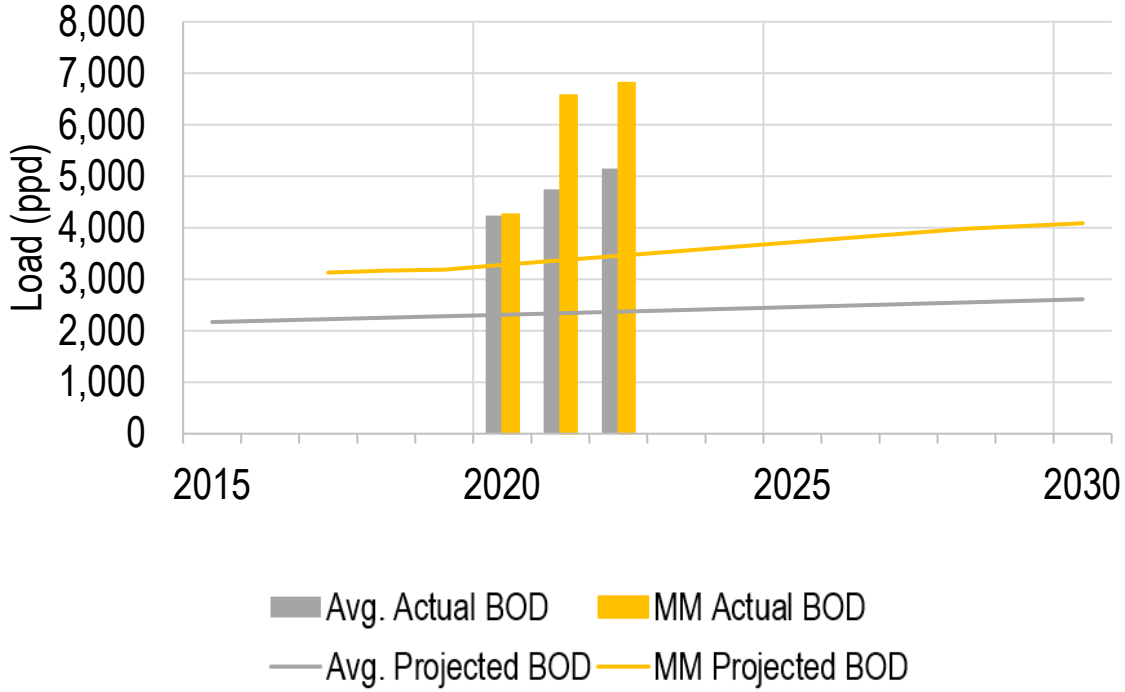


Observations:

- Flow fairly stable in recent years
- Permitted capacity (4 MGD) has not been exceeded

Source for Projections: Sewer Master Plan, Bowen Collins & Associates, August 2020

Influent Loads – Actual vs. Projected BOD (2017)



Observations:

- Influent biological oxygen demand (BOD) loads have significantly exceeded projections from 2017 Facility Plan.

Source for Projections: Magna Water District Wastewater Facility Plan, March 2017, Carollo

Existing WRF Condition Assessment

1) Majority of equipment in acceptable condition with exception being main switchgear in Operations Building. Switchgear is old and distributes power to rest of WRF making it a high-risk item.
   → **Recommendation to replace with new switchgear**

2) No major structural deficiencies in buildings and concrete in acceptable condition despite age (1985)

3) Structural engineer recommends to limit operational life of structures to ~50 years
   → **MWD should plan on major infrastructure replacement by 2040**

Aerator Performance - Observations

- Aerators underperforming manufacturer provided oxygen transfer rate
- Aerators required to operate at max power all day to achieve target effluent limits
- Daily average dissolved oxygen around **1 mg/L or less**. **2 mg/L** is the target, state requirement.
- Dissolved oxygen ranges from **0.6 to 3.5 mg/L**
  - Elevated dissolved oxygen (>1.5 mg/L) only occurs for 5-6 hr and returns to 0.6 mg/L for remainder of day

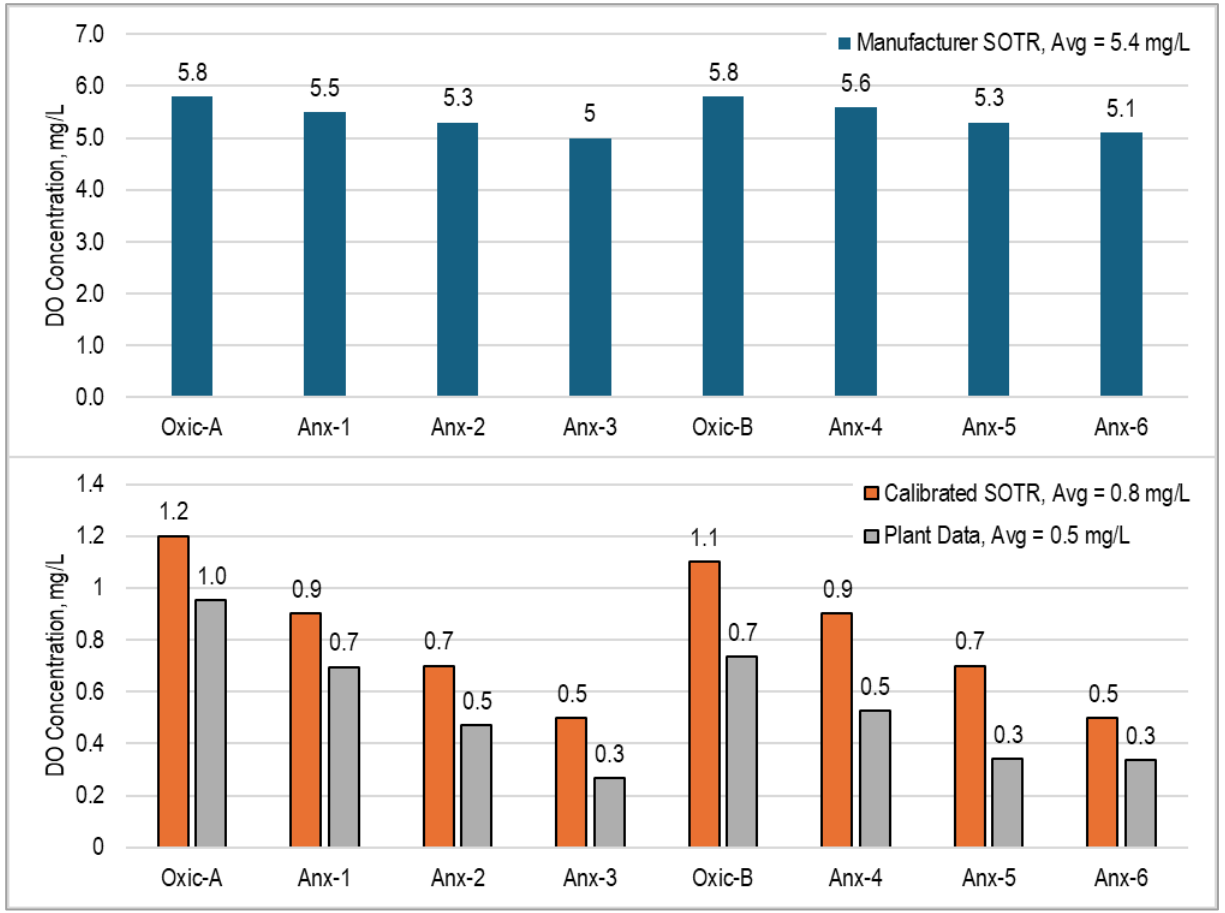
Aerator Performance – Model Results

Manufacturer standard oxygen transfer rate = ***2.18 lb O2/HP hr***

→ DO too high compared to sample results

Calibrated standard oxygen transfer rate = ***1.02 lb O2/HP hr***

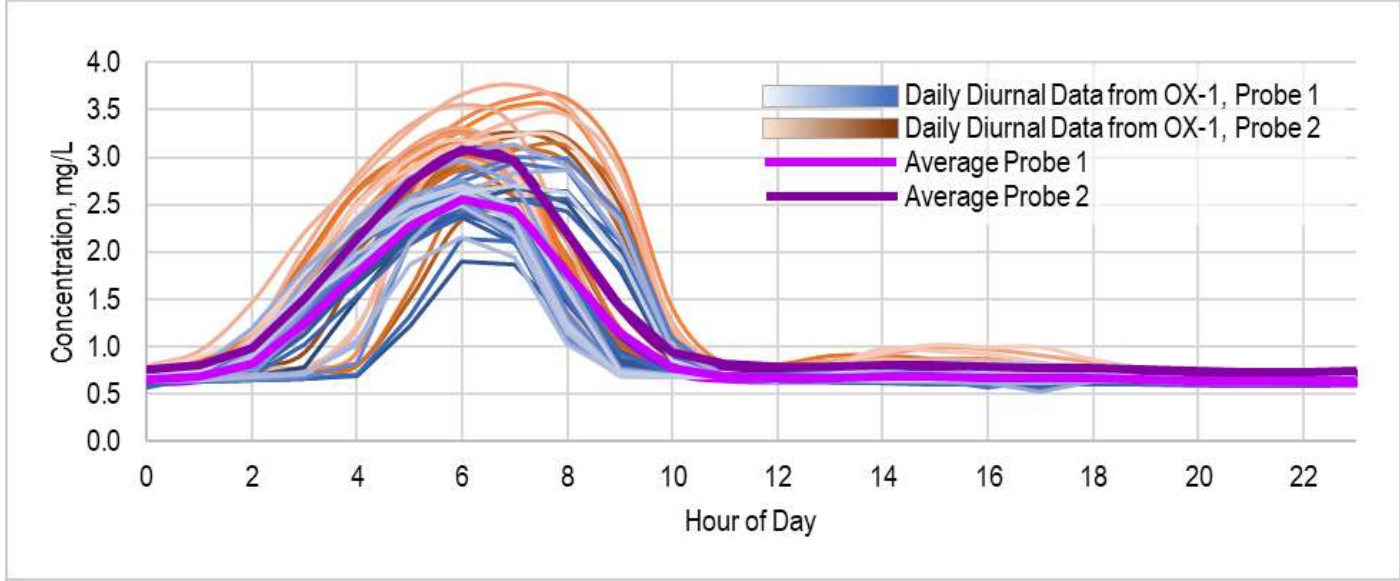
→ DO closer to real life, sample results



Surface aerators performing at 47% of manufacturer promised oxygen rate

Aerator Performance - Upgrade Kits

- Upgrade kits installed for surface aerators in 2024 to improve oxygen output
- Additional sampling conducted in Aug 2024 to re-evaluate performance
- Probe 1: Daily Average DO = 1.0 mg/L, Probe 2: Daily Average DO = 1.2 mg/L
- ***Standard oxygen transfer rate increased 13%***
  - ***1.02 lb O2/HP hr → 1.15 lb O2/HP hr***

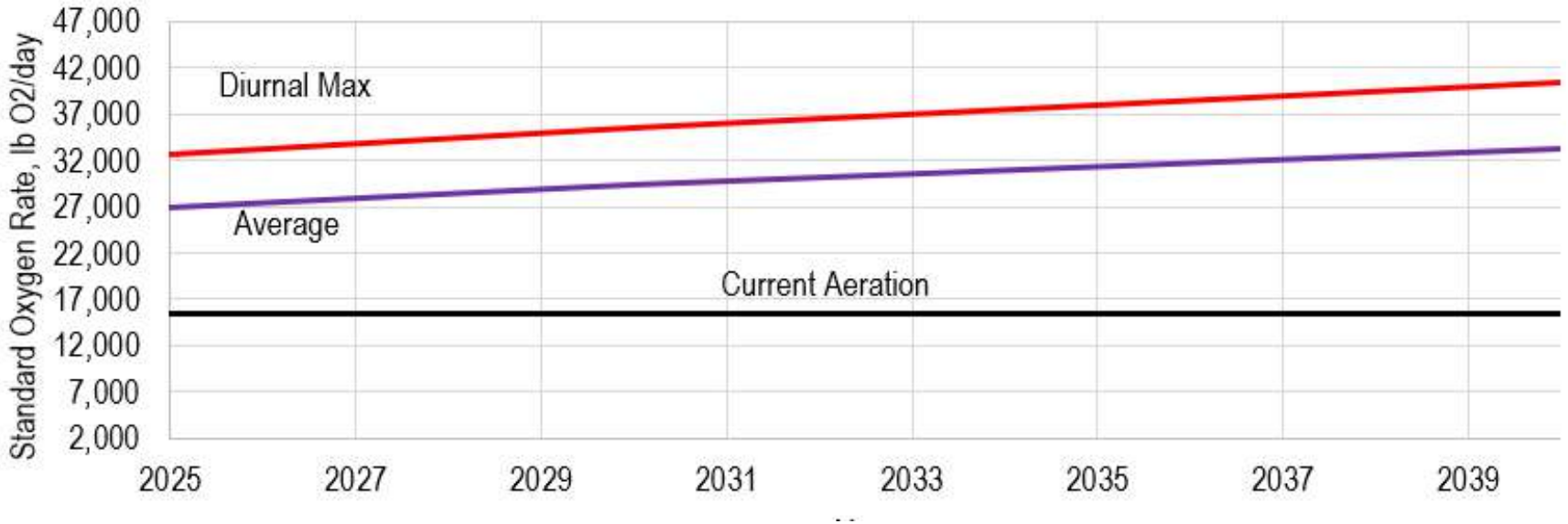


Aeration Performance - Summary

- Aeration capacity of oxidation ditches is insufficient currently and through the planning horizon (2040)

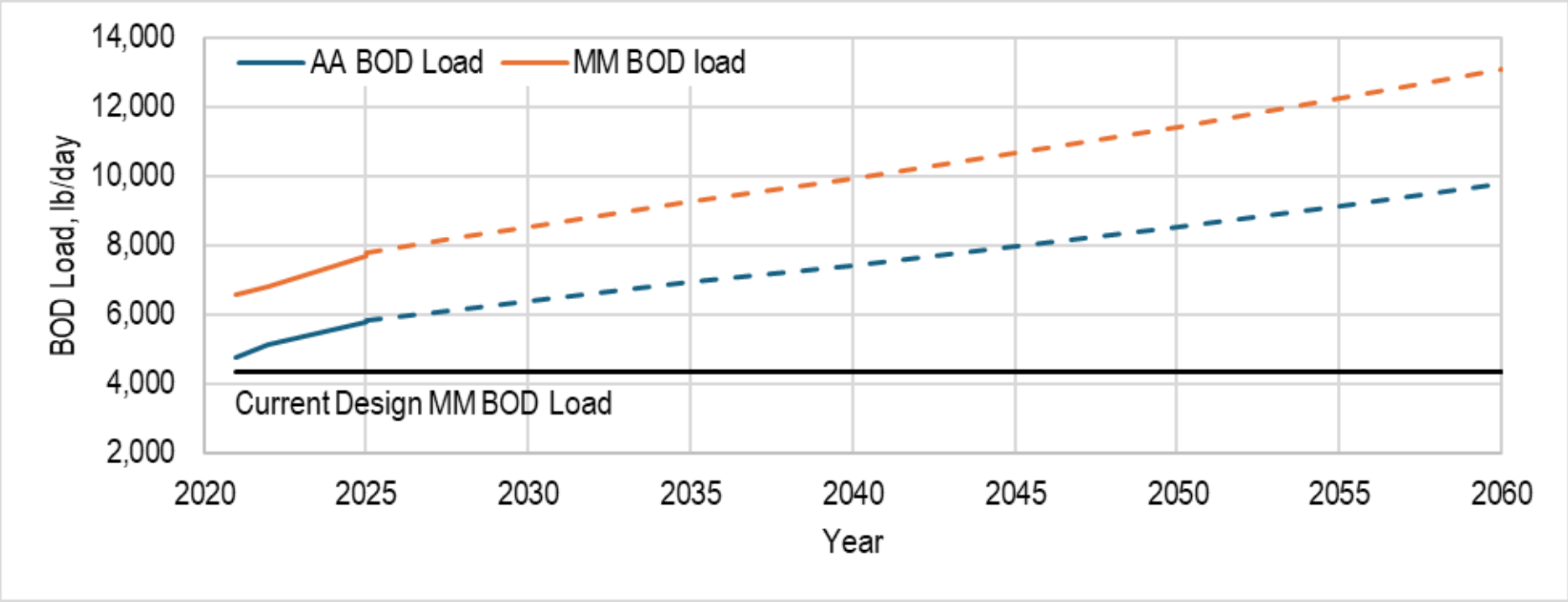
- Additional air required to achieve 2 mg/L dissolved oxygen:

	Units	2025	2030	2040
Oxygen Deficit	lb O2/d	17,180	20,110	24,970



Treatment Capacity Analysis

- BOD is a key influent condition that can impact overall treatment capacity
- BOD load currently 45% higher than the design max month (MM) BOD load of 4,300 lb/d



Treatment Capacity Results

- Assuming 2 mg/L dissolved oxygen, process model used to evaluate treatment capacity of ox ditches:

	Units	Target	Current, Sampling	Current, Max Month	2025	2030	2040	
Ox Ditch SRT	days	>15	20	20.6	20.6	20.6	17.3	✓
MLSS Concentration	mg/L	<4,000	2,500	3,500	3,600	3,900	3,900	✓
Effluent NH_3	mg-N/L	<7	0.4	1.0	0.2	0.2	0.3	✓
Effluent NO_2	mg-N/L	<0.5	0.3	<0.1	0.1	0.1	0.1	✓
Effluent TIN**	mg-N/L	<10	10.3	1.1	21.3	21.4	20.9	X

***Permit limit not anticipated until 2035-2040 (will include 5-year implementation variance)*

Conclusion: Biological treatment capacity of the oxidation ditches is sufficient through the 2040 planning horizon

Aeration Equipment Alternatives

- 3 equipment alternatives were evaluated to increase aeration capacity in the existing oxidation ditches:
  - **Alternative 1:** Surface aerators
  - **Alternative 2:** Diffusers and blowers
  - **Alternative 3:** Jet pumps and blowers

Aerator Equipment Alternatives

Evaluation Category	Points Possible	Surface Aerators	Diffusers & Blowers	Jet Pumps & Blowers
Aeration Range & Control	30	**25**	30	25
Operator Familiarity, Known Results for MWD	25	**25**	20	20
Structural Modifications Required	25	**25**	20	10
Easiest to Operate & Maintain	20	**15**	10	20
Scoring (higher is more favorable)	**100**	**90**	**80**	**75**

Aeration Equipment Cost Estimates

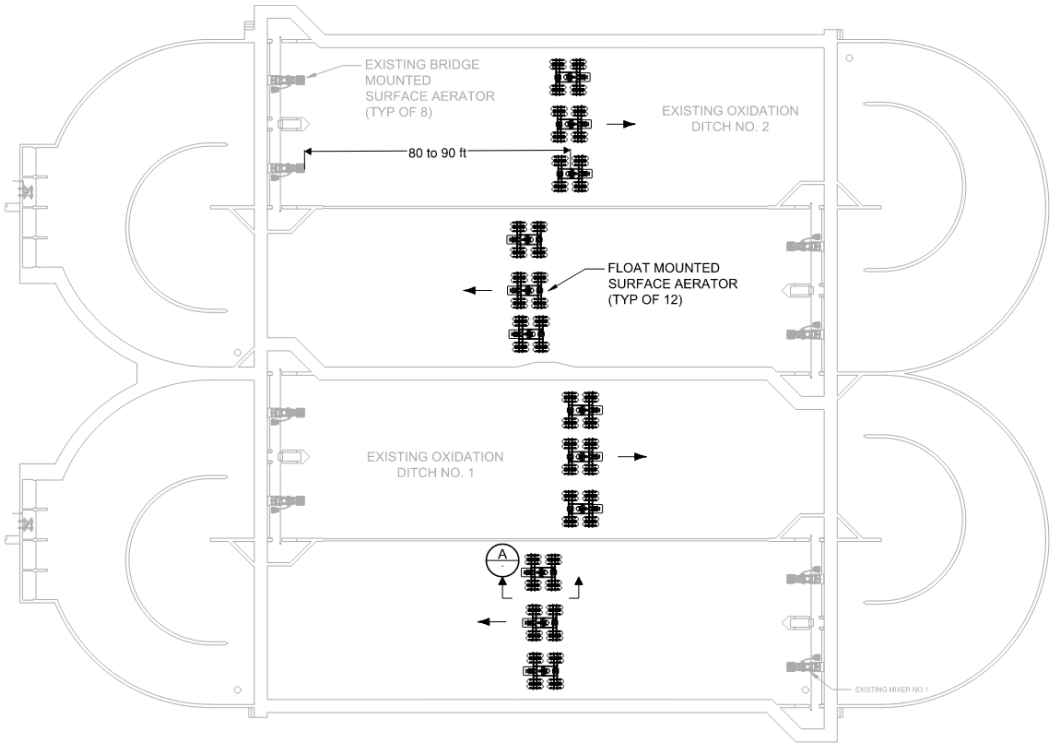
Alternative	Direct Cost	Indirect Cost	Total
Surface Aerators	**$ 2,171,000**	**$ 1,629,000**	**$ 3,800,000**
Diffusers & Blowers	$ 2,681,000	$ 3,749,000	$ 6,430,000
Jet Pumps & Blowers	$ 3,922,000	$ 5,578,000	$ 9,570,000

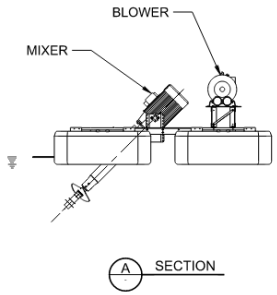
Surface Aerators

- Quantity of additional aerators required to provide oxygen deficit and 2 mg/L DO (state requirement):

	2025	2030	2040
Oxygen Deficit (lb O2/d)	17,180	20,110	24,970
Additional Aerators Required	**8**	**10**	**12**

- Recommended to phase project:
  - Phase 1: Install **8** additional aerators to address current deficit **$3,200,000**
  - Phase 2: Install **4** additional aerators as needed in future **$600,000**





Future WRF Alternatives

- Select new WRF treatment process for 2040-2060 (20-year planning period)

- 3 new WRF alternatives were evaluated:
  - **Alternative 1** – Conventional activated sludge (A2O)

  - **Alternative 2** – Biological intensification

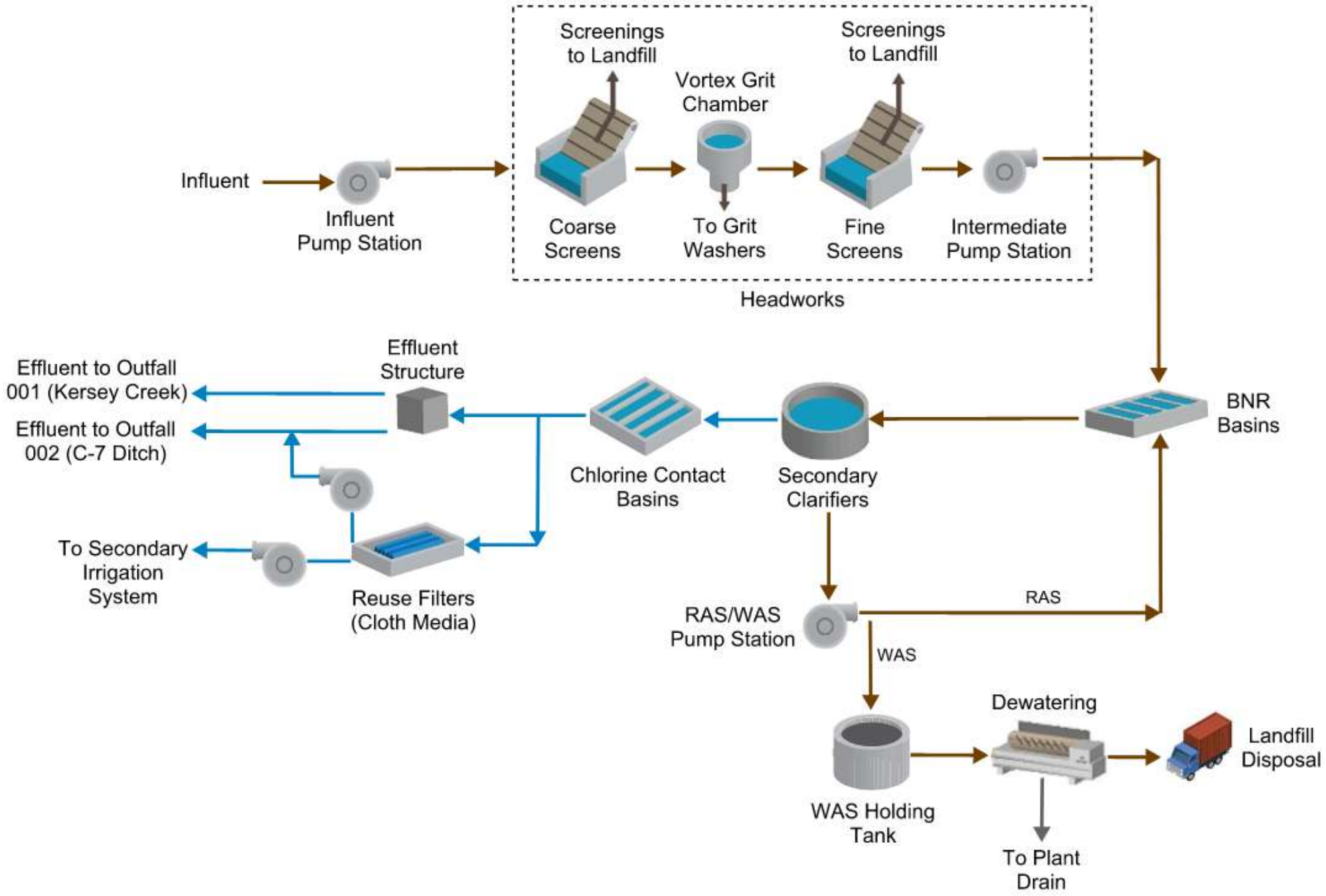
  - **Alternative 3** – Aerobic granular sludge

Future WRF Alternatives

Evaluation Category	Points Possible	A2O	Biological Intensification	Aerobic Granular Sludge
Proven Technology, Reliability	25	**25**	22	18
Treatment Performance	25	**23**	23	25
Smallest Footprint	20	**16**	19	20
Proprietary System Components	15	**15**	13	11
Easiest to Operate & Maintain	15	**15**	14	13
Scoring (higher is more favorable)	**100**	**94**	**91**	**87**

Future WRF Cost Estimates

Alternative	Direct Cost	Indirect Cost	Total
Activated Sludge (A2O)	**$ 30,460,000**	**$ 60,490,000**	**$ 90,950,000**
Biological Intensification	$ 32,181,000	$ 63,909,000	$ 96,090,000
Aerobic Granular Sludge	$ 29,712,000	$ 58,998,000	$ 88,710,000


Screenings to Landfill
Vortex Grit Chamber
Screenings to Landfill
Influent
Influent Pump Station
Coarse Screens
To Grit Washers
Fine Screens
Intermediate Pump Station
Headworks
Effluent Structure
Effluent to Outfall 001 (Kersey Creek)
Effluent to Outfall 002 (C-7 Ditch)
Chlorine Contact Basins
Secondary Clarifiers
BNR Basins
To Secondary Irrigation System
Reuse Filters (Cloth Media)
RAS/WAS Pump Station
RAS
WAS
Dewatering
Landfill Disposal
WAS Holding Tank
To Plant Drain

FACILITY INDEX

1) INFLUENT PUMP STATION
2) HEADWORKS FACILITY
3) GRIT WASHING FACILITY
4) BNR BASINS
5) BLOWER BUILDING
6) SECONDARY CLARIFIER DISTRIBUTION STRUCTURE
7) SECONDARY CLARIFIERS
8) RAS/WAS PUMP STATION
9) CHLORINE CONTACT BASINS
10) CHLORINE BUILDING
11) EFFLUENT STRUCTURE
12) SECONDARY REUSE BUILDING
13) SOLIDS BUILDING
14) WAS HOLDING TANK
15) ABANDONED WEST HEADWORKS GENERATOR BUILDING
16) ADMIN BUILDING
17) STORAGE BUILDING
18) OPERATIONS BUILDING
19) CHEMICAL BUILDING
20) ELECTRICAL BUILDING
21) BIOBROX FACILITY
22) OXIDATION DITCHES
23) ABANDONED DIGESTER
24) BACKWASH TANK
25) RAS GENERATOR
26) EAST HEADWORKS GENERATOR
27) GENERATOR

LEGEND

- EXISTING COMPONENT
- NEW COMPONENT
- COMPONENT TO BE DEMOLISHED OR ABANDONED

KEYNOTES

A. DEMOLISH EXISTING CLARIFIER STRUCTURE AND REPLACE WITH NEW STRUCTURE IN SAME LOCATION

B. DEMOLISH EXISTING WEST HEADWORKS BUILDING AND CONSTRUCT NEW OPERATIONS BUILDING IN SAME LOCATION

Suggested Project Implementation Schedule

Timeline	July 2026	January 2027	April 2027	December 2027	2036	2038	2040
Begin design of recommended aeration alternative	✓						
Submit updated financial application to DWQ (optional)	✓				✓		
Project review meeting with DWQ	✓				✓		
DWQ construction permit Review		✓				✓	
Aeration alternative design out to bid			✓				
Aeration alternative startup and commissioning				✓			
Geotechnical investigations and cost impacts					✓		
Begin design of recommended WRF alternative					✓		
New WRF out to bid						✓	
New WRF startup and commissioning							✓

MAGNA WATER RECLAMATION FACILITY WASTEWATER MASTER PLAN UPDATE DRAFT

March 5, 2025

Prepared for:
Magna Water District

Prepared by:
Stantec

Project Number: 181301651

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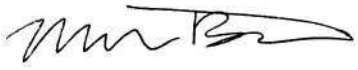
Prepared by: 

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Madison Bertoch

Printed Name

Reviewed by: 

Signature

J. Clinton Rogers

Printed Name

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Acronyms / Abbreviations

A/O	Anaerobic/oxic
A2O	Anaerobic/anoxic/oxic
AA	Average annual
AADF	Average annual daily flow
AOR	Actual oxygen requirement
BNR	Biological nutrient removal
BOD	Biological oxygen demand
BOD_5	Five-day biological oxygen demand
$CaCO_3$	Calcium carbonate
CMU	Concrete masonry unit
COD	Chemical oxygen demand
DO	Dissolved oxygen
EDR	Electrodialysis reversal
ffCOD	Flocculated and filtered chemical oxygen demand
HP	Horsepower
hr	Hour
lb	Pounds
lb/d	Pounds per day
lb/hr	Pounds per hour
MCC	Motor control center
MG	Million gallons
mg/L	Milligrams per liter
MGD	Million gallons per day
MLSS	Mixed liquor suspended solids
MLVSS	Mixed liquor volatile suspended solids
MM	Maximum month
MMF	Maximum month flow
MWD or District	Magna Water District
N	Nitrogen
NA	Not applicable
NH_3	Ammonia
NO_2	Nitrite
NO_3	Nitrate
O&M	Operation and maintenance
O&P	Overhead and profit
O_2	Oxygen

OP	Orthophosphate
OPCC	Opinion of probable construction cost
Oxygen transfer rate	OTR
P	Phosphorus
PAO	Phosphorus accumulating organisms
PFD	Process flow diagram
PHF	Peak hour flow
ppd	Pounds per day
ppcd	Pounds per capita per day
RAS	Return activated sludge
S	Sulfur
SAP	Sampling and Analysis Plan
SOTR	Standard oxygen transfer rate
SRT	Solids retention time
SVI	Solids volume index
TBEPL	Technology Based Effluent Phosphorus Limit
TIN	Total inorganic nitrogen
TKN	Total Kjeldahl Nitrogen
TN	Total nitrogen
TP	Total phosphorus
TRC	Total residual chlorine
TS	Total sulfur
TSS	Total suspended solids
UDWQ	Utah Division of Water Quality
UPDES	Utah Pollutant Discharge Elimination System
UV	Ultraviolet
VSS	Volatile suspended solids
WAS	Waste activated sludge
WEF MOP 31	Water Environment Federation’s Manual of Practice No. 31
WRF	Water Reclamation Facility

1 Introduction

Magna Water District (MWD or District) provides drinking water and wastewater collection and treatment services to Magna, Utah as well as small portions of West Valley City and Salt Lake City. For wastewater treatment, MWD treats an average flow of 2.7 million gallons per day (MGD) with an activated sludge system consisting of a headworks, two oxidation ditches, three secondary clarifiers, two chlorine contact basins, and mechanical dewatering. Most of the water reclamation facility (WRF) was constructed in 1985 for an average annual design flow capacity of 3.3 MGD. Two main trunk lines convey wastewater from east and west sides of the service area to the WRF by gravity. Treated wastewater currently flows into the Great Salt Lake via a series of manmade and natural waterways. MWD recently added a tertiary treatment filtration system to the WRF to meet Type I reuse requirements to provide customers with secondary water for irrigation purposes.

MWD hired Stantec to conduct a master plan update in response to recent challenges being faced at their WRF. The major concern is the organic treatment capacity of the WRF due to an increase in biological oxygen demand (BOD) loadings that are higher than anticipated in previous planning studies. MWD operations staff feel they have very little spare capacity with the aeration system, especially if an aeration unit goes out of service due to failure or required maintenance. In addition to this immediate capacity review, MWD would like to begin master planning for future capacity needs and the repair or replacement of aging treatment infrastructure. The specific objectives of this master plan are as follows:

- Establish the flow and loading projections and anticipated regulatory needs that will serve as the basis of design for this planning effort.
- Identify organic treatment capacity limitations within the WRF using process modeling and determine if additional treatment capacity is needed.
- Evaluate alternatives to increase aeration capacity within the existing secondary treatment process.
- Provide a condition assessment of existing WRF infrastructure, including a recommended repair and replacement schedule.
- Recommend a future treatment process alternative and overall long-term strategy to replace aged infrastructure and meet future capacity and regulatory requirements.

2 Existing Water Reclamation Facility Evaluation

2.1 Flow and Load Analysis

Stantec performed a flow and load analysis to help establish the baseline criteria to be used in the planning effort. This master plan covers a planning period to 2060.

2.1.1 FLOWS

Flow data was compiled and evaluated to determine the average annual daily flow (AADF), maximum month flow (MMF), and peak hour flow (PHF) that sets the basis of design for this master plan. Current AADF and MMF shown in **Table 1** are based on 2023 plant operating data. The existing influent pump station is undersized, preventing measurement of the current PHF. 2035 and 2060 MMF are the most recent flow projections provided by the District (November 2024). 2035 and 2060 AADF and PHF were calculated using the peaking factors (1.0 for AADF, 1.25 for MMF, and 2.0 for PHF) from the 2020 Sewer Master Plan (**Appendix A**) and 2021 Technical Memorandum: WWTP Influent Project (**Appendix B**).

Table 1 Current and Projected Flows

	Units	Current (2023)	2035	2060
Average Annual Daily Flow (AADF)	MGD	2.7	2.7	3.4
Maximum Month Flow (MMF)	MGD	2.9	3.4	4.3
Peak Hour Flow (PHF)	MGD	-	5.4	6.8

The latest flow projections have decreased from the flow projections presented in the 2020 Sewer Master Plan and 2021 Technical Memorandum where a 2060 PHF of 8 MGD was identified. The new influent pump station currently under construction at Magna WRF was also designed for 8 MGD. Thus, a 2060 PHF of approximately 8 MGD was used in master planning the Magna WRF site.

2.1.2 LOADS AND CONCENTRATIONS

Influent concentrations of five-day biological oxygen demand (BOD_5), total suspended solids (TSS), ammonia (NH_3), and total phosphorus (TP) were also evaluated from the 2023 plant operating data so that the design mass loads for these constituents could be predicted. The design concentrations are summarized in the table below. The influent BOD_5, TSS, NH_3, and TP concentrations are consistent with typical values for municipal wastewater.

Table 2 Influent Concentrations

	Units	BOD_5	TSS	NH_3	TP
Average	mg/L	249	257	31.2	6.23
Maximum Month	mg/L	333	340	35.4	6.54

Per capita loading rates were developed by combining the influent concentrations in **Table 2**, the 2023 average design flow rate, and the 2023 service population. Per capita loading rates in pounds per capita per day (ppcd) are summarized in **Table 3**.

Table 3 Per Capita Loading Rates

	Units	BOD_5	TSS	NH_3	TP
Average	ppcd	0.148	0.153	0.019	0.004
Maximum Month	ppcd	0.198	0.202	0.021	0.004

Mass loads in pounds per day (ppd) were developed by multiplying the per capita loading rates in **Table 3** and the latest District population projections (provided in November 2024) shown in **Table 4**. Projected influent loads are summarized in **Table 5**.

Table 4 Population Projections

Year	Population
2025	39,360
2030	43,140
2040	50,260
2060	66,140

Table 5 Projected Loads

	Projected 2025 Loads (ppd)	Projected 2030 Loads (ppd)	Projected 2040 Loads (ppd)	Projected 2060 Loads (ppd)
Influent BOD_5				
Average	5,820	6,380	7,430	9,780
Maximum Month	7,780	8,530	9,940	13,100
Influent TSS				
Average	6,020	6,600	7,690	10,100
Maximum Month	7,950	8,710	10,100	13,400
Influent NH_3				
Average	731	801	933	1,230
Maximum Month	828	907	1,060	1,390
Influent TP				
Average	146	160	186	245
Maximum Month	153	168	195	257

2.1.3 PERMIT REQUIREMENTS

Although Magna WRF has complied with the Utah Pollutant Discharge Elimination System (UPDES) permit limits, operations staff must watch and manage compliance for total phosphorus carefully. Compliance on these parameters will continue to be a challenge as the Technology Based Effluent Phosphorus Limit (TBEPL) of 1.0 mg/L total phosphorus went into effect January 1, 2025, and it is anticipated that future permits will include total nitrogen (TN) or total inorganic nitrogen (TIN) removal requirements, perhaps as low as 10 mg/L by 2035. Future TN or TIN limits will be considered in the treatment alternatives evaluations. Existing and projected UPDES permit limits for master planning are shown below in **Table 6**.

Table 6 Existing and Projected UPDES Permit Limits for Planning

	Unit	Existing Permit	Future Permit
Total Flow			
Max Month Average	MGD	4.0	negotiate with UDWQ
BOD_5			
Max Month Average	mg/L	25	25
Max Week Average	mg/L	35	35
Percent Removal	%	85	85
TSS			
Max Month Average	mg/L	25	25
Max Week Average	mg/L	35	35
Percent Removal	%	85	85
NH_3			
Max Month Average	mg/L	7.0	7.0
Daily Maximum	mg/L	30	30
TIN/TN			
Max Month Average	mg/L	NA	10
TP			
Yearly Average (effective Jan 1, 2025)	mg/L	1.0	1.0
pH			
Range	-	6.5 - 9.0	6.5 - 9.0
Dissolved Oxygen (DO)			
Daily Minimum	mg/L	5.0	5.0
Total Residual Chlorine (TRC)			
Daily Maximum, Summer	mg/L	17.7	17.7
Daily Maximum, Fall	mg/L	2.7	2.7
Daily Maximum, Winter	mg/L	1.3	1.3
Daily Maximum, Spring	mg/L	2.7	2.7
E. coli			
Max Month Average	No./100 mL	126	126
Max Week Average	No./100 mL	157	157
Oil & Grease			
Daily Maximum	mg/L	10	10

2.2 Sampling and Analysis Plan

As described above, the basis of planning, design flows, and load values were derived from historic operational data provided by the District. However, a comprehensive sampling and analysis campaign was recommended to allow for biological process model calibration and to better understand the biological process at Magna WRF. The District's operations team conducted additional sampling between October 16, 2023 and November 2, 2023, which included constituents that are not monitored on a regular basis. A Sampling and Analysis Plan (SAP) was developed specifically for this effort. The SAP, including sampling parameters and a location map, is provided in **Appendix C**. The special sampling included 24-hour composite samples, diurnal sampling conducted at 3-hour intervals, and grab samples throughout the oxidation ditches to understand the dissolved oxygen (DO) and nutrient profiles.

Special sampling lab results are provided in **Appendix D**. A summary of the SAP results compared against the historical average and typical wastewater influent values are provided in **Table 7**. Historical averages used in this effort are from July 2021 through July 2023. The reason for this date range was to select a period of typical operating conditions and effluent results. Typical wastewater values in **Table 7** come from BioWin. The historical values are comparable to typical wastewater values. However, BOD, TSS, volatile suspended solids (VSS), and acetate concentrations from the SAP deviated from typical wastewater values. BOD and TSS concentrations were also lower than the historical values. It is unclear why these parameters were lower than usual during the sampling campaign. Based on discussions with MWD about these discrepancies, the historical BOD and TSS values were used for the process model calibration rather than the SAP values to be consistent with typical Magna WRF wastewater influent values.

Table 7 Summary of SAP Results

	Units	Historical Average (July 2021 to July 2023)	SAP Average	Typical Wastewater Value
COD - Total	mg COD/L	536	507	500
BOD - Total	mg BOD/L	243	191	245
TKN	mg N/L	-	40	40
TP	mg P/L	6.2	6.0	6.5
TS	mg S/L	-	62.4	10
Alkalinity	mg $CaCO_3$/L	-	416	300
TSS	mg TSS/L	238	132	243
VSS	mg VSS/L	-	119	198
COD - Filtered	mg COD/L	-	195	185
COD_5 - Acetate	mg COD/L	-	27.9	12
BOD - Filtered	mg BOD/L	-	90.1	103
Ammonia	mg N/L	31.6	32.4	26.4
Nitrate	mg N/L	0	0	0
Soluble Phosphate	mg P/L	3.1	3.2	3.3
Soluble Sulfate	mg S/L	-	59	8.5
ffCOD	mg COD/L	-	121	105

2.3 Treatment Capacity Evaluation

The organic treatment capacity of the secondary process was evaluated using data gathered from the flow and loads analysis and SAP. WRF performance was simulated using a biological process model, BioWin Version 6.2 by EnviroSim (BioWin), under current and projected flow and load scenarios. The objectives of this section are to summarize:

- Model development, calibration, and validation.
- Estimated process capacity and capacity triggers of the oxidation ditches.
- Estimated future aeration needs to meet current and anticipated future requirements.

2.3.1 MODEL DEVELOPMENT AND SETUP

Biological process simulators, such as BioWin, are based on mathematical models which consider physical attributes of wastewater processes, influent wastewater characteristics, biochemical processes, and environmental conditions to estimate the level of treatment achieved under varied and hypothetical situations. Simulators are developed based on record drawings, operational and maintenance

procedures, historical plant data, and an influent wastewater sampling plan specific to simulator calibration. Proper calibration and validation of the simulator is required prior to evaluating plant performance.

Process simulators are developed in three main stages: (1) **Setting Up the Simulator** based on the process flow diagram, facility record drawings, and historical operational data, (2) **Calibrating the Simulator** to sampling plan data, and (3) **Validating the Simulator** to historical data to confirm it can reproduce plant performance under various influent wastewater characteristics. This section summarizes the model input assumptions and results from the calibration and validation.

2.3.1.1 Simulator Process Flow Development

The first stage of simulator development is to set up the WRF layout using unit process elements available in BioWin (e.g., oxidation ditches, secondary clarifiers) based on various WRF information, including record drawings. The simulator build includes the following steps:

(1) Insert process elements to match the actual WRF layout,

(2) Configure each process element using design criteria such as basin size and number of units, and

(3) Connect process elements to match the actual WRF flow path, including recycle streams.

The final BioWin layout generally mimics the WRF treatment process and recycle flow paths, as shown in **Figure 1**. The oxidation ditch includes aerobic and anoxic zones; the number of zones were selected to simulate plug flow conditions and mimic the SAP sampling locations. The model layout assumes the total reactor volume is included in a single oxidation ditch to simplify the model and improve the simulation speed. Only WRF processes that are integral to the biological treatment were included in the model. For example, solids handling processing (i.e., screw presses) were not included in the model as the screw press return is already included in the influent sample so it does not impact the biological process simulations. Refer to **Appendix E** for the WRF process flow diagram, the final BioWin layout, and additional process element inputs and assumptions used in the model development.

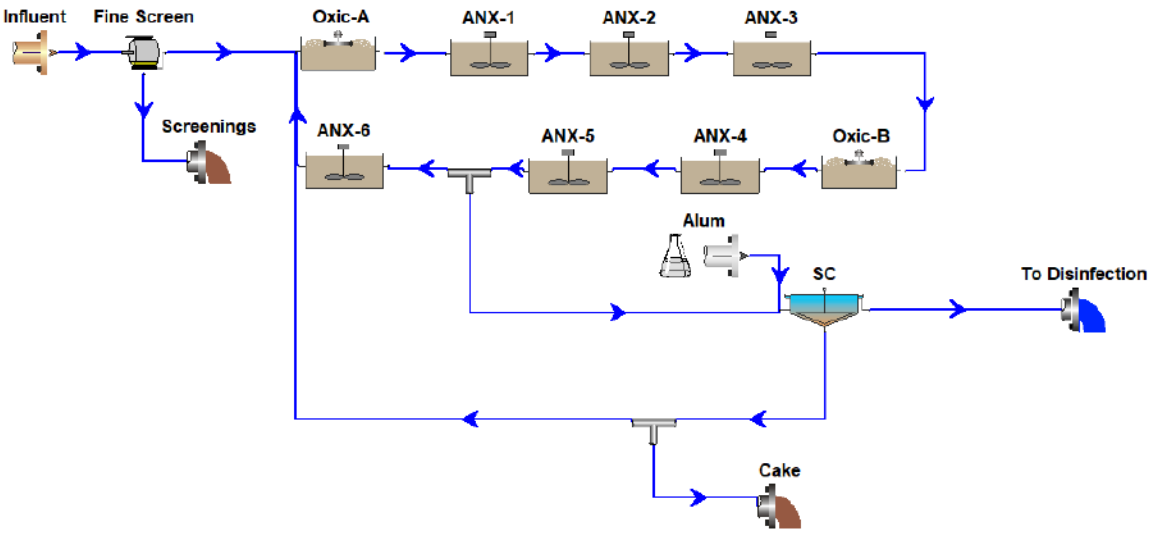


Figure 1 BioWin Schematic Layout of Existing WRF

2.3.1.2 Simulator Calibration – Steady State Conditions

Calibrating the simulator is an iterative process, which uses plant operational and wastewater characterization data during a dedicated sampling period to replicate plant performance. The simulation is refined until the simulated results correspond to reported plant performance data within an acceptable tolerance as suggested in the Water Environment Federation's Manual of Practice No. 31 (WEF MOP 31) for Wastewater Treatment Process Modelling.

The District conducted an intensive SAP in October 2023 to characterize influent wastewater fractionation of BOD, chemical oxygen demand (COD), and nutrients. The influent SAP results were used to adjust the wastewater fractions in BioWin during the calibration period. Effluent composite and diurnal water quality data was also collected to calibrate the process performance. Historical operational and influent wastewater characteristics data from June 2020 through December 2022 were used to confirm that the SAP results were representative of typical plant conditions. As discussed in Section 2.2, historical BOD and TSS values were used for the input parameters to BioWin, as opposed to the SAP results. The calibration was conducted in two steps; first using a steady state simulation, which uses averages inputs, followed by a dynamic simulation, which uses diurnal data. This section describes the steady state calibration results.

Modeling oxidation ditches requires calibration of additional parameters beyond influent characteristics and biological nutrient removal performance, such as calibration of velocity in the oxidation ditch and the surface aerator oxygen transfer efficiency, as described below:

- ***Velocity*** through the zones is calibrated by modifying a theoretical recirculation rate to replicate the nitrogen and phosphorus removal rates across the oxidation ditch. A fully mixed reactor was simulated during the calibration and verified with the grab nitrogen and phosphorus results from the SAP.

- ***Surface aerator performance*** was calibrated by activating the oxygen (O_2) modeling setting in BioWin and modifying the standard oxygen transfer rate (SOTR), which defines the mass of O_2 delivered to the oxidation ditch per horsepower (HP) of the aerator. The mass transfer value was first modeled using the manufacturer-provided SOTR of 2.18 pounds (lb) O_2 / HP-hour (hr).[1] However, the results using this SOTR did not produce a representative DO profile or effluent nitrogen conditions compared to the SAP results. The SOTR value was modified to 1.02 lb O_2/HP-hr. Calibration results comparing the manufacturer-provided SOTR, calibrated SOTR, and the WRF grab sample data during the SAP data are provided in **Figure 2** and **Figure 3**. These results assume the surface aerators are continuously operated at maximum power, based on operational observations at the WRF.

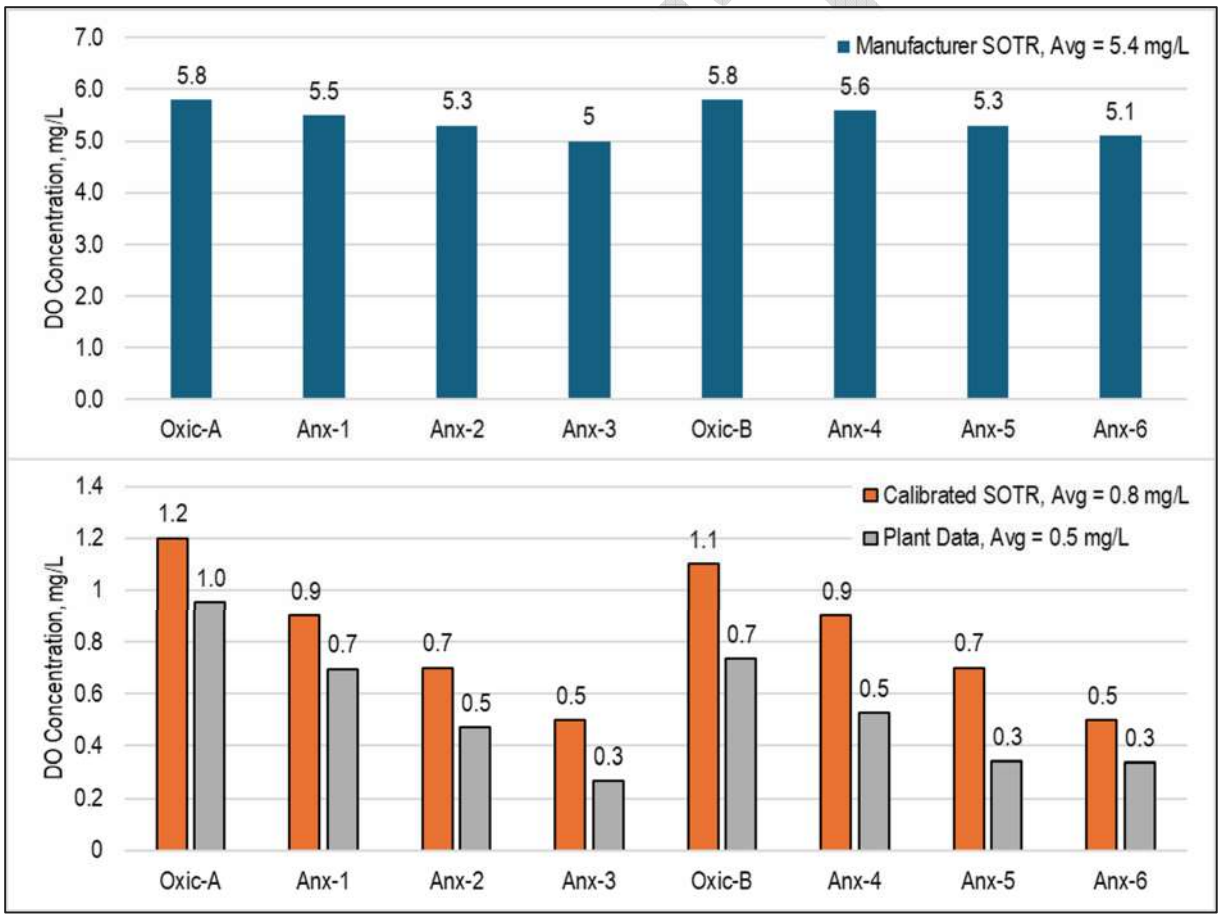


Figure 2 Surface Aerator Calibration – DO Concentration

[1] Source: Aeration Industries International, Oxidation Ditch Aeration Equipment Submittal, Magna Wastewater Treatment Upgrades, 2018

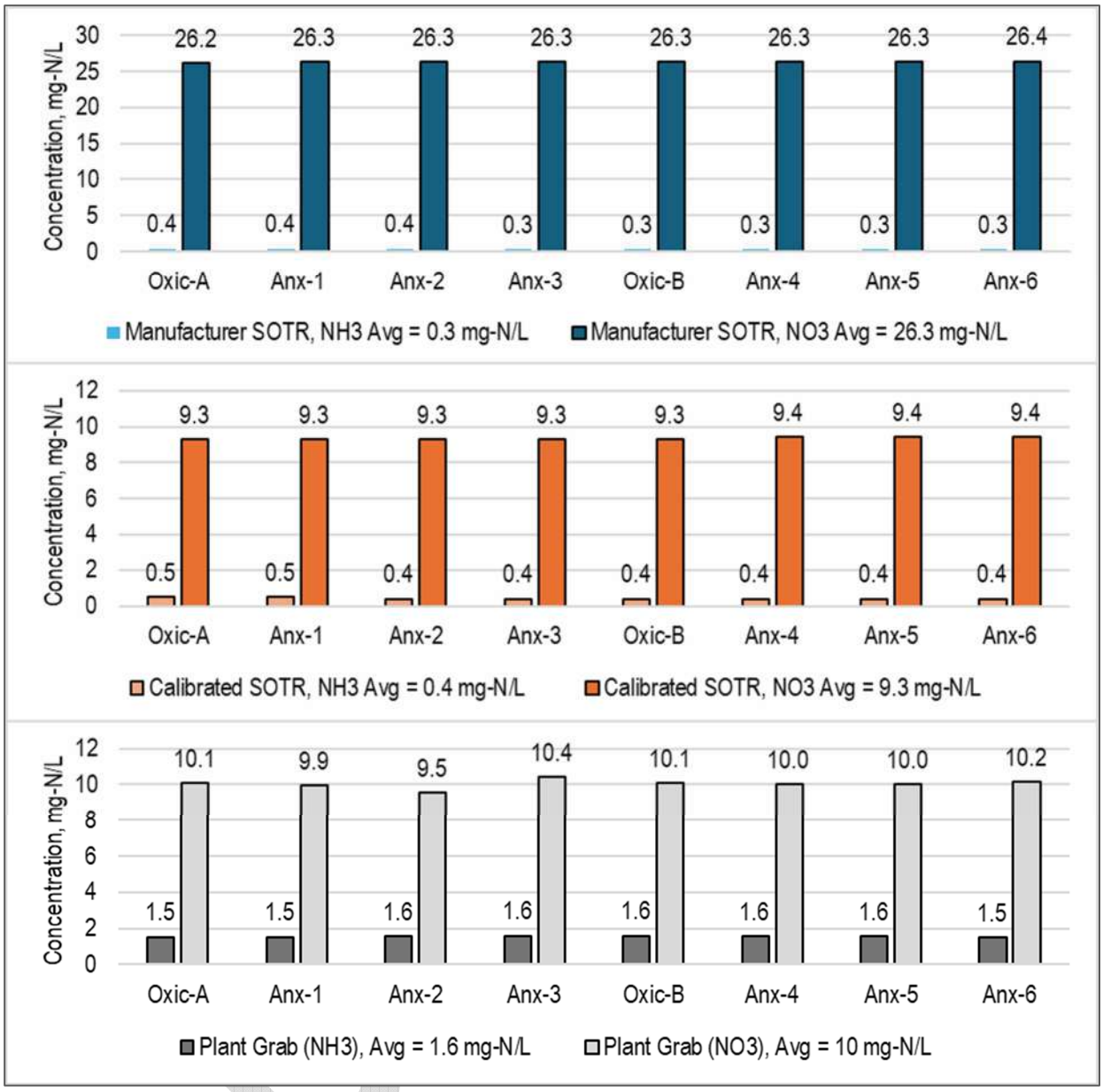


Figure 3 Surface Aerator Calibration – Oxidation Ditch Average NH_3 & NO_3 Concentration

Calibration results from BioWin were compared to the SAP results, as shown in **Table 8**. Simulated WRF performance with respect to the secondary treatment process are within the WEF MOP 31 suggested tolerances when compared to the SAP results. The model calibration was also verified using a steady state simulation with average historical plant data (July 2021 through July 2023). Refer to **Appendix F** for the historical steady state calibration results.

Table 8 Steady State Calibration Results Compared to SAP Results

Parameter	BioWin Result	SAP Result	Variance	Suggested Tolerance (WEF MOP 31)
Bioreactor MLSS	2,240	2,180	2.7%	+/- 10%
Bioreactor MLVSS	1,650	1,690	2.3%	-
RAS MLSS	5,050	4,600	9.9%	+/- 10%
RAS MLVSS	3,710	3,500	6.3%	-
Effluent TSS	3.1	7.6	-4.5	+/- 5.0 mg/L
Effluent BOD	2.3	12.5	-10.2	-
Effluent Ammonia	0.4	1.4[2]	-1.0	+/- 1.0 mg/L
Effluent Nitrate	9.4	9.5	-0.1	+/- 1.0 mg/L
Effluent Nitrite	0.1	0.2	-0.1	+/- 1.0 mg/L
Effluent TP	0.8	1.3	-0.5	+/- 0.5 mg/L
Effluent OP	0.7	1.1	-0.4	+/- 0.5 mg/L

Refer to **Appendix F** for additional information on the simulator calibration, including a comparison of the SAP results to historical average data, WRF operational setpoints during the calibration period, and detailed calibration results across the liquids stream process.

2.3.1.3 Simulator Calibration – Dynamic Conditions

After calibrating the model using steady state conditions, a dynamic calibration was completed, which applies diurnal flow and load patterns to composite SAP values to create an hourly data set. The calibration is refined until the simulated results correspond to hourly WRF data.

The diurnal calibration was initially modeled with the flow pattern from the 2020 Sewer Master Plan (**Appendix A**). The simulated diurnal DO concentration in the oxidation ditch did not correspond to the hourly DO data observed in the online data from WRF DO sensors, as shown in **Figure 4**. The diurnal flow pattern from the 2020 Sewer Master Plan was compared to hourly WRF influent flow data on the same dates that the SAP was conducted (October 16 through 22, October 28, and November 1, 2023), which identified a discrepancy between the diurnal flow patterns from the two data sets (**Figure 5**). The model was revised to the flow pattern observed at the WRF and the simulated results more closely followed WRF hourly data, as shown in **Figure 6**. Refer to **Appendix F** for detailed calibration results.

[2] Average reflects SAP data with outlier removed.

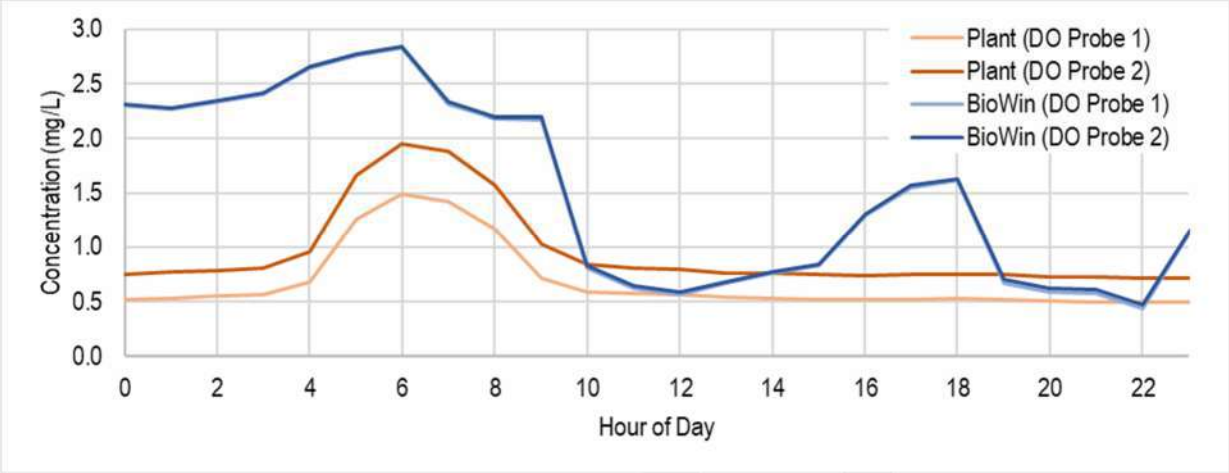


Figure 4 Initial Diurnal Calibration Results Compared to Hourly WRF Data (DO Probes 1&2) using 2020 Sewer Master Plan Diurnal Peaking Factors

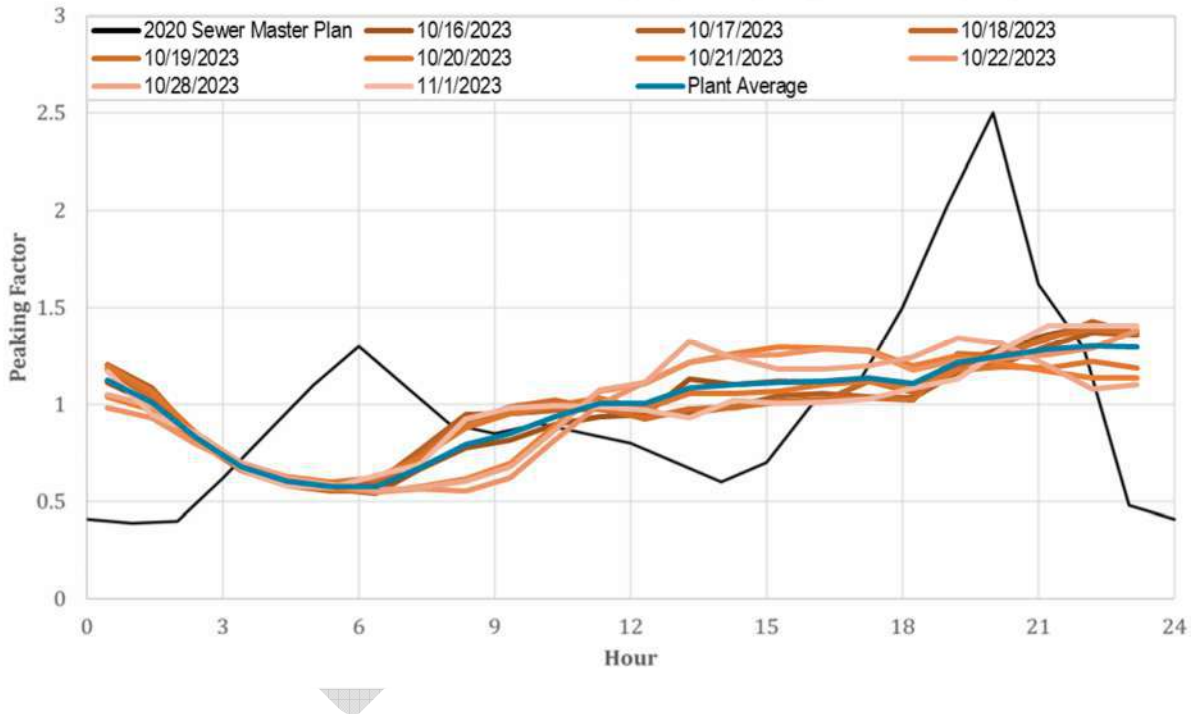


Figure 5 Comparison of Diurnal Peaking Factors using Plant Data (October 2023) and 2020 Sewer Master Plan

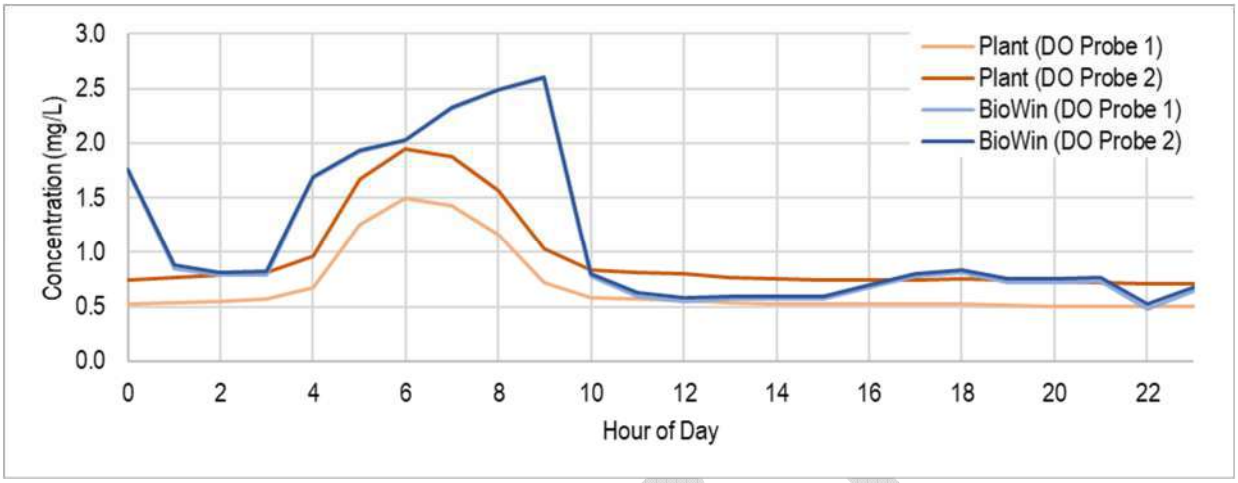


Figure 6 Final Calibration Results Compared to Hourly WRF Data (DO Probes 1&2) using Plant Influent Flow Data

Average dynamic calibration results from BioWin compared to the SAP results are presented in **Table 9**Table 9. Simulated WRF performance with respect to the secondary treatment process are within the WEF MOP 31 suggested tolerances when compared to the SAP results, except for effluent nitrate concentration which deviates from the plant data by 2.1 mg/L. The calibration of nitrate conditions was complex as oxidation ditches rely on simultaneous nitrification and denitrification, which is challenging to calibrate without biological kinetic rate information and/or historical routine effluent nitrate concentration data. Therefore, the resulting deviation was considered sufficient for the purposes of this evaluation.

Table 9 Average Dynamic Calibration Results Compared to Dirunal SAP Results

Parameter	BioWin Result	SAP results	Variance	Suggested Tolerance (WEF MOP 31)
Bioreactor MLSS	2,200	2,300	-4%	+/- 10%
RAS MLSS	4,900	4,600	7%	+/- 10%
Effluent TSS	3.0	7.6	-4.6	+/- 5.0 mg/L
Effluent BOD	2.2	12.5	-10.3	-
Effluent Ammonia	0.2	0.9	-0.7	+/- 1.0 mg/L
Effluent Nitrate	8.0	10.1	-2.1	+/- 1.0 mg/L
Effluent Nitrite	0.1	0.1	0	+/- 1.0 mg/L
Effluent TP	0.9	1.3	-0.4	+/- 0.5 mg/L
Effluent OP	0.8	1.0	-0.2	+/- 0.5 mg/L

2.3.1.4 Simulator Validation

Simulator validation relies on historical data and information provided by MWD to confirm the calibrated simulation can reproduce WRF performance under varying influent characteristics. The selected validation period was between February 2022 to July 2022. This period was selected as it is assumed to be representative of typical wastewater characteristics. It includes a period when effluent ammonia concentration was elevated. Bioreactor operational conditions were modified to match historical WRF data during the validation period, including DO and MLSS concentrations.

Average validation results are presented in **Table 10** and are compared to the historical average data between February 2022 to July 2022. Secondary treatment validation results are within the WEF MOP 31 suggested tolerances. Refer to **Appendix F** for detailed validation results.

Table 10 Validation Results Compared to Historical Results

Parameter	BioWin Result	Historical Average (February 2022 – July 2022)	Variance	Suggested Tolerance (WEF MOP 31)
Bioreactor MLSS	2,990	3,050	-2%	+/- 10%
RAS MLSS	6,740	*Data not available*	*NA*	+/- 10%
Effluent TSS	2.9	5.2	-2.3	+/- 5.0 mg/L
Effluent BOD	1.1	4.3	-3.2	-
Effluent Ammonia	0.3	0.7	-0.4	+/- 1.0 mg/L
Effluent Nitrate	7.9	*Data not available*	*NA*	+/- 1.0 mg/L
Effluent Nitrite	0.2	*Data not available*	*NA*	+/- 1.0 mg/L
Effluent TP	1.0	1.4	-0.4	+/- 0.5 mg/L
Effluent OP	0.9	1.1	-0.2	+/- 0.5 mg/L

2.3.2 SURFACE AERATOR PERFORMANCE OBSERVATIONS & UPGRADES

The oxidation ditches were retrofitted in 2019 to replace the existing brush aerators with new surface aerators from Aeration Industries International (now Newterra Corporation, Inc.). The model calibration and validation scenarios confirmed aeration performance observations at the WRF, where the surface aerators are required to operate at maximum power all day to achieve target effluent water quality. The resulting daily average residual DO concentration is typically around 1 mg/L or less. The diurnal DO concentration typically ranges from 0.6 to 3.5 mg/L; however, the diurnal trend suggests that the elevated residual DO concentration (> 1.5 mg/L) only occurs for approximately 5 to 6 hours and returns to 0.6 mg/L for the remainder of the day.

In August 2024, the District installed an upgrade kit for the surface aerators to improve oxygen transfer into the oxidation ditches and increase DO concentration. Diurnal residual DO concentration after the upgrade kit was installed is shown in **Figure 7**, where the blue-shaded trends are the online data from Oxidation Ditch No.1 (OX-1) Probe 1, the orange-shaded trends are the online data from OX-1 Probe 2,

and the purple lines are the average data from each probe. The daily average residual DO from Probe 1 was 1 mg/L and the average DO from Probe 2 was 1.2 mg/L.

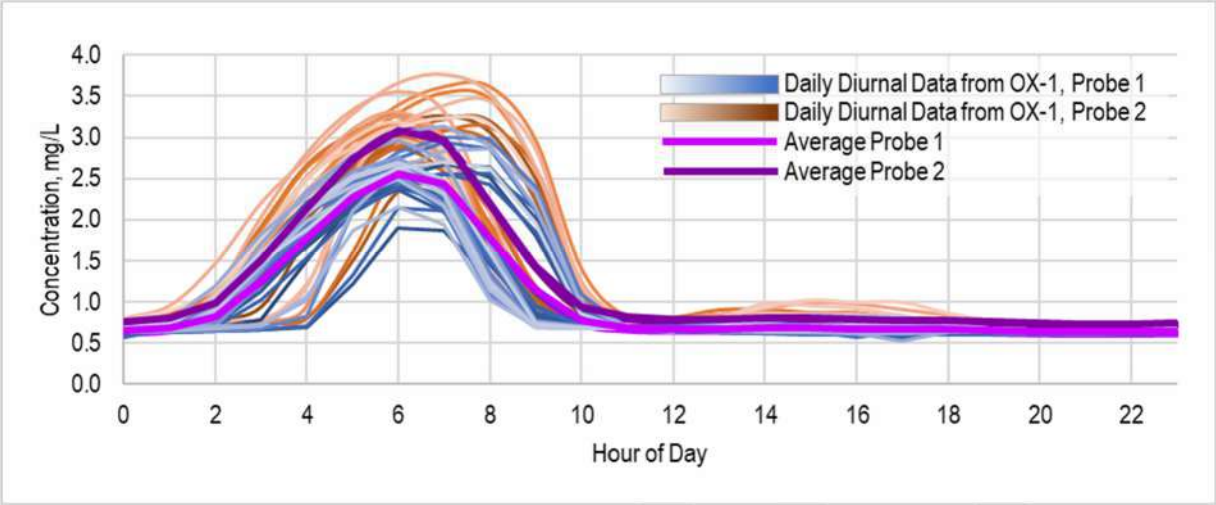


Figure 7 Diurnal DO Concentration after Surface Aerator Upgrade Kit Installed

After the upgrades were installed, the District completed an additional round of DO, ammonia, nitrate, and nitrite sampling on August 12, 2024 and August 15, 2024 to update the process model SOTR value to reflect the upgraded surface aerator performance. The SOTR value was updated from 1.02 to 1.15 lb O_2/HP-hr, a 13 percent increase. The updated model was used to evaluate the oxidation ditch treatment capacity at the future projected flows and loads.

2.3.3 OXIDATION DITCH TREATMENT CAPACITY ANALYSIS

The oxidation ditch treatment capacity evaluation was conducted to estimate system performance at current and future flow and load projections (discussed in Section 2.1) and identify potential treatment deficiencies across the planning horizon. Key influent conditions which can impact the biological and aeration system capacities include BOD and Total Kjeldahl nitrogen (TKN) loads. Current and projected influent BOD and TKN loads were compared to the design conditions, as shown in **Figure 8** and **Figure 9**, where the solid line shows the historical average annual (AA) and maximum month (MM) loads and the dashed line shows the projected loads. The influent TKN load was estimated using influent wastewater fractionation data from the SAP, which suggested 67 percent of the influent TKN is NH_3. The BOD load is currently 45 percent higher than the design MM BOD load of 4,300 pounds per day (lb/day), which may be contributing to the observed challenges with the current surface aerators. The current TKN load is lower than design conditions through the year 2040.

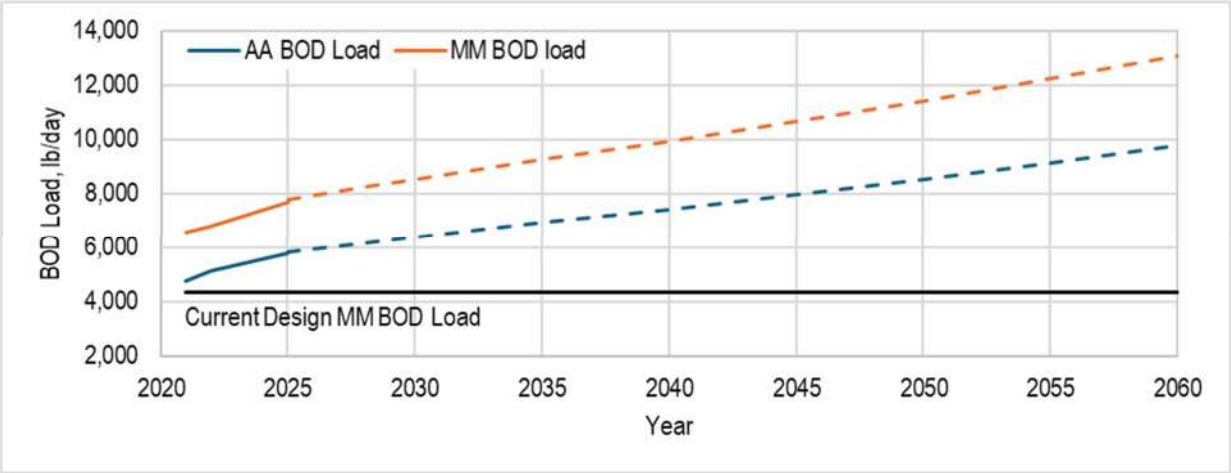


Figure 8 Current and Projected Influent BOD Loads

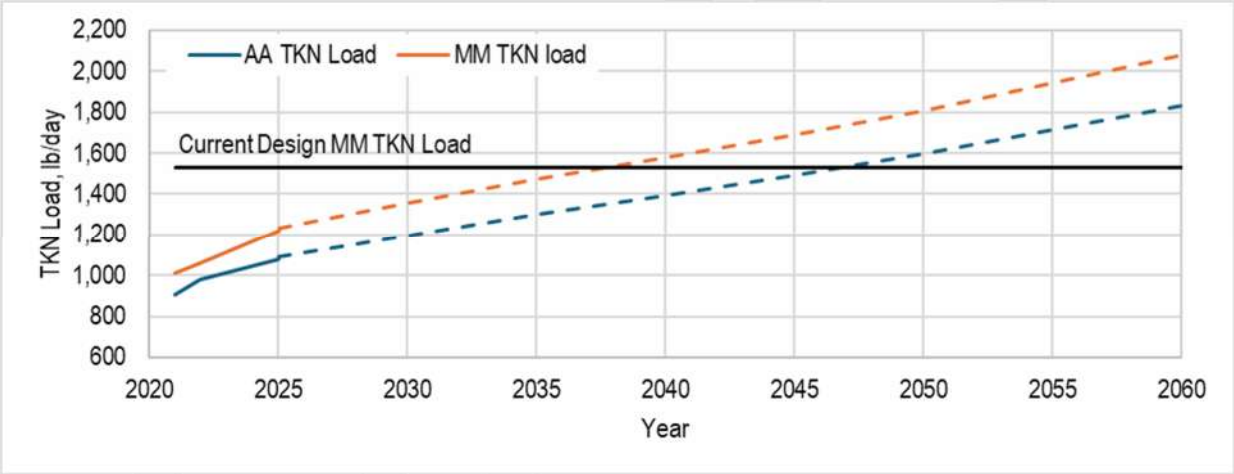


Figure 9 Current and Projected Influent TKN Loads

The calibrated, validated, and updated process model was used to evaluate the capacity of the oxidation ditches at current and future projected flow and load conditions between the years of 2025 through 2040. A summary of operational assumptions used in this evaluation are provided in **Table 11**. All other operational conditions were based off available historical data and BioWin default values, as appropriate.

Table 11 Operational Assumptions for the Capacity Analysis

Parameter	Target Value	Comments
Temperature	15 ºC	Highest BOD typically in Q2 & Q4, based on plant data
Target Solids Retention Time (SRT)	20 days	Average SRT at WRF
Minimum Oxidation Ditch SRT	15 days	WRF observes reduced nitrification at SRTs <15 days
Maximum Oxidation Ditch MLSS	4,000 mg/L	Modified SRT in model to keep MLSS <4,000 mg/L
Aeration Assumptions, DO Concentration	2 mg/L	Evaluation disregarded current maximum power of the aerators to estimate current and future aeration needs

Capacity evaluation results are summarized in **Table 12**, including average operational and performance conditions, the actual oxygen requirement (AOR), and the estimated standard oxygen transfer rate (SOTR). The AOR is calculated based on the influent BOD and TKN load, and the level of denitrification achieved. The SOTR is calculated using the AOR and oxygen transfer rate coefficients based on environmental and operational conditions. Key observations from the capacity evaluation are:

- **Biological capacity of the two oxidation ditches is sufficient through the planning horizon.** Across all scenarios, the target operating conditions were met, with the exception of effluent TIN concentration. While the BOD load is beyond the design capacity, the oxidation ditches have available capacity to operate within the design criteria for MLSS and SRT conditions and still meet the effluent ammonia concentration permit limit. However, effluent TIN concentration exceeds the anticipated future limit of 10 mg-N/L, which may be due to the shallow depth of oxidation ditch preventing sufficient DO suppression in between surface aerators.
- **Aeration system is currently operating at maximum capacity, even after upgrades were installed.** The current DO residual is less than the target of 2 mg/L at the surface aerator zones at current flow and loads, due to insufficient capacity in the aeration system. The estimated average SOTR at current MM BOD load is 26,960 lb O_2/day, which is approximately 175 percent of the existing surface aerator capacity. The estimated diurnal maximum SOTR at current MM BOD load is 32,640 lb O_2/day, which is more than double the existing surface aerator capacity, as outlined in **Table 13**.

Table 12 Process Modeling Results - Capacity Evaluation

Parameter	Units	Target	Current, SAP	Current, MM	2025	2030	2040
Average Operational Conditions							
Oxidation Ditch SRT	days	>15	20	20.6	20.6	20.6	17.3
MLSS Concentration	mg/L	<4,000	2,500	3,500	3,600	3,900	3,900
DO Residual[3]	mg/L	2	1.1	0.6	2.0	2.0	2.0
Effluent NH_3	mg-N/L	<7	0.4	1.0	0.2	0.2	0.3
Effluent NO_2	mg-N/L	<0.5[4]	0.3	<0.1	0.1	0.1	0.1
Effluent TIN	mg-N/L	<10[5]	10.3	1.1	21.3	21.4	20.9
AOR							
Average	lb O_2/d	-	9,160	9,890	13,710	14,960	16,950
Diurnal Maximum[6]	lb O_2/d	-	9,770	9,990	16,580	18,060	20,520
SOTR							
Average	lb O_2/d	-	15,460	15,460	26,960	29,420	33,310
Diurnal Maximum[6]	lb O_2/d	-	15,460	15,460	32,640	35,560	40,420

Table 13 Process Modeling Results - Aeration System Deficiency

Parameter	Units	2025	2040
AOR Deficit	lb O_2/d	6,590	10,530
SOTR Deficit	lb O_2/d	17,180	24,970

2.3.3.1 Recommendations for Aeration System Upgrades

The capacity evaluation estimated that the oxidation ditch has sufficient biological capacity (reactor volume) to treat influent BOD and TKN loads through the planning horizon, however, the aeration system capacity is insufficient for current and future influent loads. It is recommended that the District upgrade the aeration system to provide additional aeration capacity. The recommended total design AOR for 2040 is 20,520 lb O_2/d (SOTR is 40,420 lb O_2/day).

It is possible that once the aeration improvements are complete, the denitrification capacity may be reduced depending on the DO concentration in between the surface aerators. As there was limited historical effluent nitrate data, it was not possible to fully calibrate denitrification performance in the process model. Therefore, the model may not be able to predict representative effluent nitrate

[3] DO concentration after surface aerators.
[4] Indicator of good nitrification. Target value is less than 0.5 mg/L.
[5] Assumed based on anticipated future permit requirements.
[6] Diurnal maximum during maximum month BOD load conditions.

concentrations at future flows and loads. It is recommended that the District include routine effluent nitrate sampling to better understand current denitrification performance.

2.4 Condition Assessment

In December 2023, Stantec conducted a general condition assessment of the existing WRF infrastructure, including major mechanical, structural, and electrical assets. This condition assessment report, which includes recommended upgrades and a repair and replacement schedule, is located in **Appendix G**. The majority of the mechanical and electrical equipment were found to be in acceptable condition with the main exception being the main switchgear located in the Operations Building. No major structural deficiencies were observed in the buildings and the concrete was in good condition considering the age of some structures (i.e., oxidation ditches, clarifiers, and chlorine contact basins constructed in 1985). However, it is recommended to limit the operational life of the structures to 50 years. Therefore, the District should plan on major infrastructure replacement by 2035-2040.

3 Aeration Alternatives Evaluation

As discussed in Section 2, an analysis of Magna WRF's current capacity, using a new process model, identified that the oxidation ditches are limited by oxygen, which was expected based on observations by the District's staff. As a result of these findings, alternatives were evaluated for increasing the aeration capacity until the 2040 timeframe when it is recommended that major infrastructure replacement take place.

A "No Action" alternative and three alternatives to increase aeration capacity in the existing oxidation ditches were evaluated and compared. The alternatives were developed to a concept level design that includes a conceptual plan and capital cost estimates.

3.1 No Action

For wastewater treatment facility planning, a "No Action" alternative must be considered as a requirement of the Utah Division of Water Quality (UDWQ). The "No Action" alternative continues to use the existing aeration equipment in the oxidation ditches without any improvements. Newterra provided Magna WRF eight, 60 HP Triton aerators (TR-60) in January 2018. To increase oxygen output, upgrade kits were then installed in August 2024 to convert the eight TR-60 units to Triton® 2.0 series.

For MWD, No Action is not viable. As described in Chapter 2, the modeled system oxygen requirement for 2025 and beyond exceeds the output of the current aeration equipment. While the eventual consequences of the No Action alternative can be predicted, the actual timing, magnitude, and cost of these consequences are hard to estimate but would likely include emergency engineering, equipment purchase, regulatory fines, and intensified regulatory response efforts.

Based on discussions with MWD, the No Action alternative is not considered for the reasons listed above and will not be discussed any further in this master plan.

3.2 Alternative 1 – Surface Aerator Retrofit

Alternative 1 is to expand the existing aeration system with additional units of the same equipment. Twelve 60 HP Triton® 2.0 units (with 15 HP blowers) are required to provide the estimated 2040 oxygen deficit as outlined in **Table 13**.

There are two mounting options from Newterra: float mount or bridge mount (used for the existing aerators). The float mounted option is recommended as there is limited open bridge space available, and it will minimize structural modifications required. However, access to some floating aerators may be difficult depending on location. For the float mounted option, it is recommended by the manufacturer to locate the aerators approximately 80 to 90 feet in front of the existing bridge mounted aerators in the same direction as the existing flow. The blowers call for quarterly maintenance and could be possibly mounted on the side of the basins to minimize access required to the float assemblies.

Pros and cons for this alternative are summarized in **Table 14**.

Table 14 Surface Aerator Retrofit – Pros and Cons

Pros	Cons
• Matches existing equipment, MWD operations staff familiar with equipment • No additional building required to house other mechanical equipment	• Underperformance of existing surface aerators (more equipment required than recommended by manufacturer) • Crane or boat may be required for access to some floating surface aerators

A concept level plan showing the new aerators at the oxidation ditches is shown in **Figure 10**.

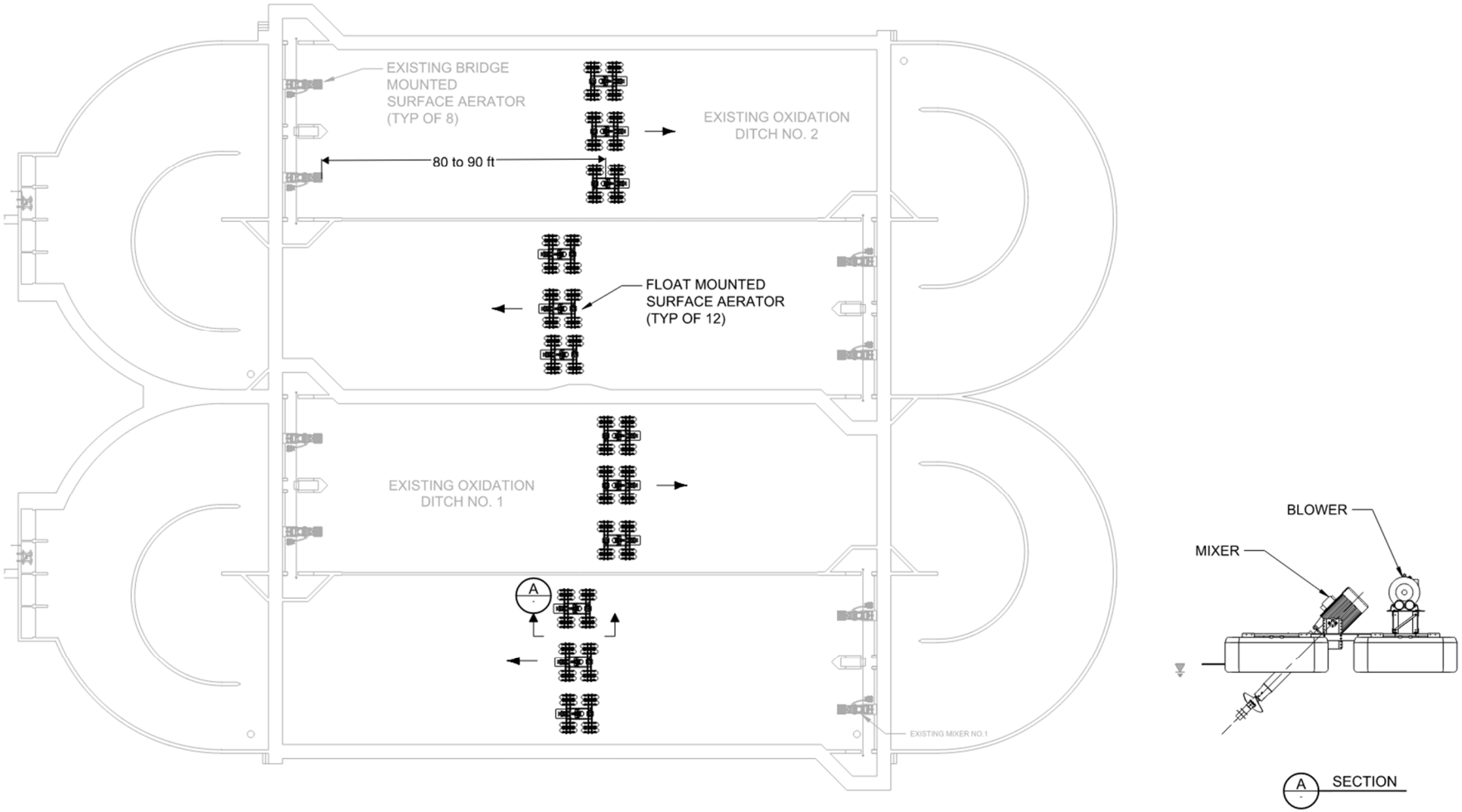


Figure 10 Surface Aerator Retrofit Concept Plan

3.3 Alternative 2 – Blowers and Diffusers Retrofit

Alternative 2 is to expand the existing aeration system with additional equipment made up of blower and diffuser assemblies that can be added to the oxidation ditches and function in conjunction with the existing surface aerator system. It should be noted that while fine bubble diffusers are typically a more efficient aeration technology than surface aerators, the shallow depth of oxidation ditches is not ideal and could impact the oxygen transfer efficiency of the diffusers.

Fine bubble diffuser assemblies fed by three, 150 HP blowers (two duty, one standby) are recommended to provide the estimated 2040 oxygen deficit as outlined in **Table 13**. Typically, fine bubble diffusers are installed in the straight portions of oxidation ditch retrofits as it is more difficult to install the grids in the curved portions of the tank. Retrievable grids are recommended to avoid draining the ditches for diffuser installation and maintenance. However, retrievable grids are more expensive than fixed grids and would need to be limited to the outer channels of the ditches to allow for crane access. A new building (approximately 1,600 square feet) to house the blowers and electrical equipment is also required. It is recommended to locate this building to the northeast of the oxidation ditches.

Pros and cons for this alternative are summarized in **Table 15**.

Table 15 Blower and Diffuser Equipment – Pros and Cons

Pros	Cons
• More fine tune control of aeration compared to other equipment • Aerates from the bottom up instead of from the top down	• Shallow depth of existing oxidation ditches not ideal for diffusers (lower oxygen transfer efficiency) • New building required to house blowers and electrical equipment • Aeration piping will need to be supported along oxidation ditch walkways, limiting access • Fixed diffuser grids require draining of ditches; retrievable diffuser grids limited to outer channels of ditches to allow for crane access

A concept level plan for showing the blower and diffuser alternative is shown in **Figure 11**.

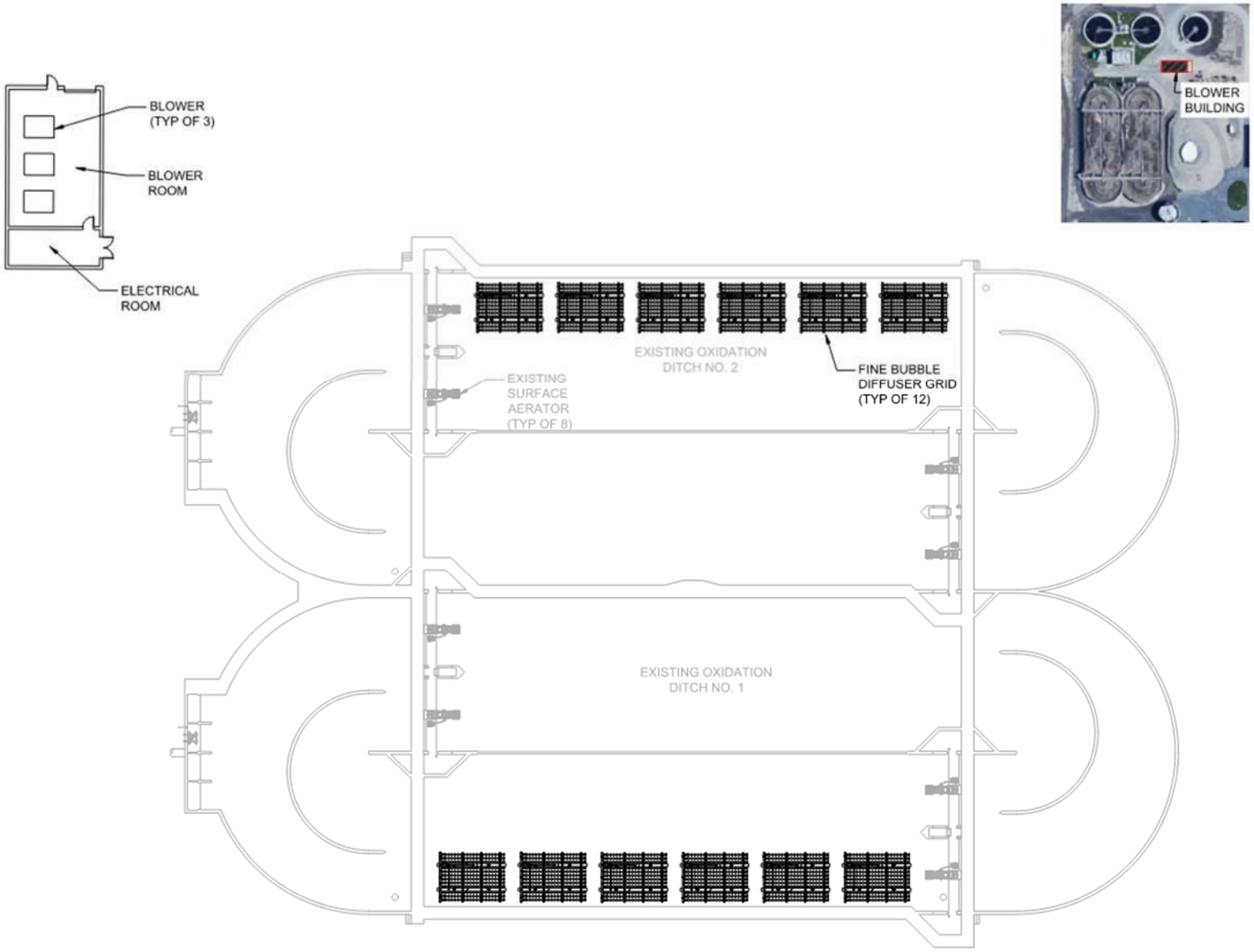


Figure 11 Blower and Diffuser Retrofit Concept Plan

3.4 Alternative 3 – Jet Aeration Retrofit

Alternative 3 is to expand the existing aeration system with additional equipment made up of a jet aeration system that can be added to the oxidation ditches and function in conjunction with the existing surface aerators. A jet aeration system consists of jet aspirating manifolds including jet aspirating nozzles, air piping, and mixing and recirculation pumps to maintain aerobic conditions and suspension of solids in basins and tanks. Blowers are also required to deliver air to the system. Four, 75 HP submersible jet pumps (two per ditch) and five, 150 HP blowers (four duty, one standby) are estimated to provide the estimated 2040 oxygen deficit as outlined in **Table 13**. A new building (approximately 2,200 square feet) to house the blowers and electrical equipment is also required. It is recommended to locate this building to the northeast of the oxidation ditches.

Pros and cons for this alternative are summarized in **Table 16**.

Table 16 Jet Aeration Equipment – Pros and Cons

Pros	Cons
• Aerates from the bottom up instead of from the top down	• New building required to house blowers and electrical equipment • Structural penetrations through the basin walls required for jet aspirating manifolds • Aeration piping will need to be supported along oxidation ditch walkways, limiting access

A concept level plan of the jet aeration retrofit option is shown in **Figure 12**.

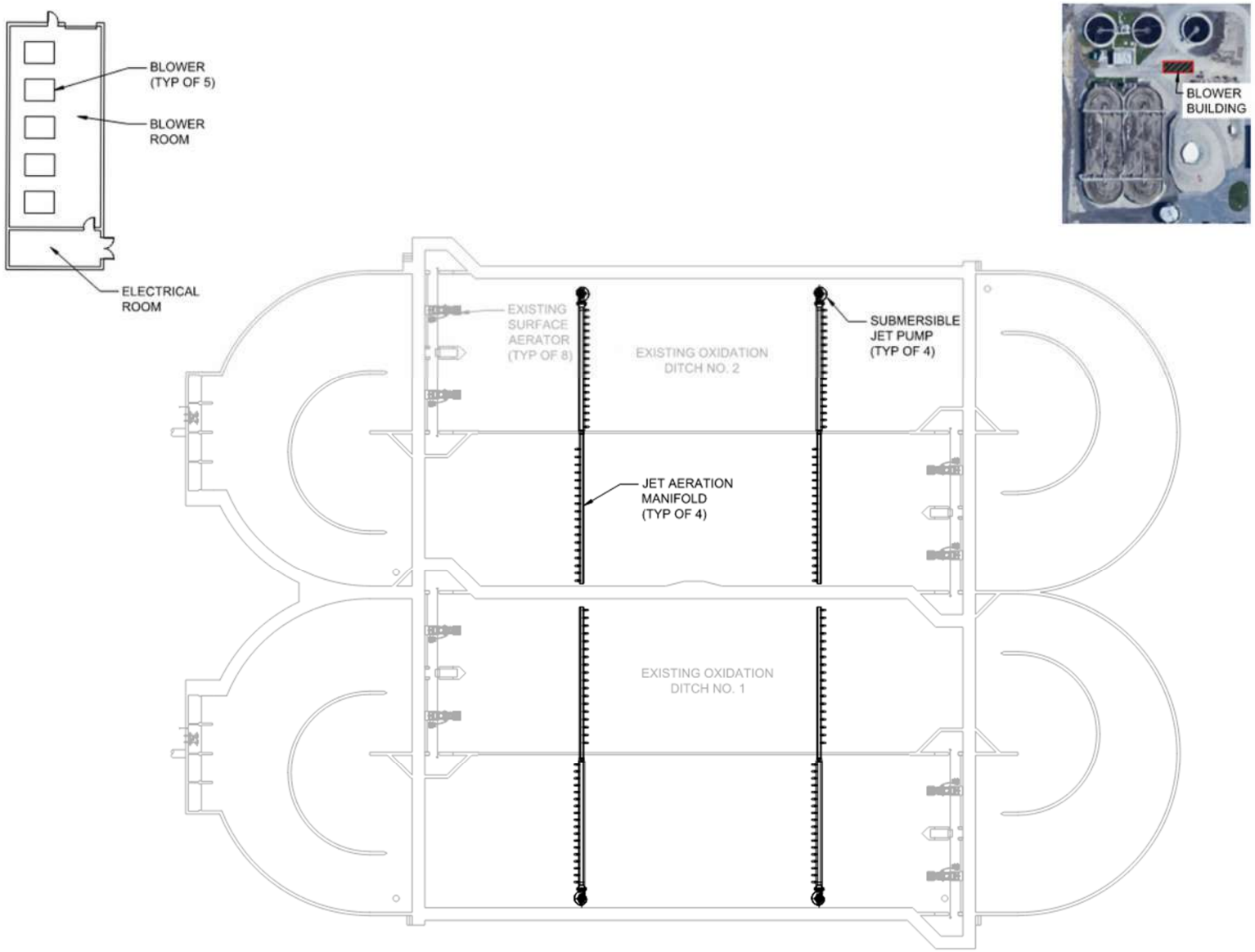


Figure 12 Jet Aeration Retrofit Concept Plan

4 Aeration Alternatives Analysis

The purpose of this section is to present the results of a capital cost estimating analysis for each of the aeration alternatives evaluated in the previous section and provide a recommendation as to the preferred technology.

Primary focus was on utilizing proven technologies that are capable of consistently and reliably meeting regulatory limits and can be designed with operational flexibility and expandability. In addition to capital cost for each alternative, thoughtful consideration was also given to personnel needs, degree of operational flexibility, operation and maintenance (O&M) requirements, and construction sequencing.

4.1 Cost Estimating Analysis

For each of the alternatives, capital cost estimating began with contacting equipment manufacturers and requesting quotations. Equipment was sized to handle the oxygen requirements for 2040 as detailed in **Table 12** and **Table 13**. Total estimated project costs were assembled by escalating the base equipment and structure costs by percentage for items such as site work, electrical and instrumentation, contingency, contractor overhead and profit (O&P), and engineering. These percentages are based on past project history for similar wastewater projects.

It should be noted that the costs developed in this section are Class 5 cost estimates (AACE International Recommended Practice No 18R-97). Class 5 estimates are high level and prepared based on very limited information and subsequently have a wide accuracy range. For initial screening and comparisons of technologies, this approach is appropriate. All capital cost opinions are based on typical observations of construction costs observed in the 2025 time period. Future project costs should be escalated with an appropriate inflation factor.

The total estimated project costs for the aeration alternatives are presented in **Table 17**. Additional cost summary information can be found in **Appendix H**.

Table 17 Aeration Alternatives Cost Summary

Alternatives	Direct Cost	Indirect Cost	Total Estimated Project Cost
Alternative 1 - Surface Aerators	$ 2,171,000	$ 1,629,000	$ 3,800,000
Alternative 2 - Blowers and Diffusers	$ 2,681,000	$ 3,749,000	$ 6,430,000
Alternative 3 - Jet Aeration	$ 3,922,000	$ 5,578,000	$ 9,570,000

Notes:

(1) Opinion of Probable Construction Cost (OPCC) Class 5 cost estimate.

(2) All costs include engineering fees and 25 percent construction contingency.

4.2 Decision Matrix

In order to provide a recommendation on a preferred aeration solution, a decision matrix was developed to evaluate the alternatives based on non-economic factors such as ease of O&M and aeration range and control. The results of this evaluation are shown in **Table 18**. Each alternative is scored out of 100 points possible, with points possible for each category weighted based upon importance. Alternatives judged to score best in each category receive full points.

Based on the comparison of the alternatives, the surface aerator alternative was the most favorable. Diffusers provide the most aeration range and control compared to other aeration technologies. However, MWD has experience with the surface aeration equipment and there are known results that make this option's performance more predictable than a new aeration technology. The float-mounted surface aerators would require minimal structural work while the diffuser and jet aeration alternatives would require a new blower building. Additionally, the jet aeration manifolds are anticipated to require penetrations through the ditch divider walls. Jet aeration receives the highest O&M score as no in-basin maintenance is anticipated. Diffuser maintenance and new large blowers for the diffuser option result in the lowest O&M score.

Table 18 Decision Matrix for Aeration Technology Alternatives

Evaluation Category Description	Points Possible	Surface Aerators	Blowers & Diffusers	Jet Aeration
Aeration Range & Control	30	25	30	25
Operator Familiarity, Known Results for MWD	25	25	20	20
Structural Modifications Required	25	25	20	10
Easiest to Operate & Maintain	20	15	10	20
Scoring (higher is more favorable)	**100**	**90**	**80**	**75**

A workshop was held with MWD staff to discuss the aeration alternatives where the decision was made to proceed with the surface aerator technology. The preliminary recommendation was to add twelve surface aerators to the oxidation ditches to provide enough aeration for the estimated 2040 oxygen deficit. However, it was decided to phase the project with eight aerators installed initially to address the current oxygen deficit (Phase 1) and four more aerators added in the future (Phase 2).

Electrical upgrades to accommodate the new aerators are required. The existing utility transformer that feeds the existing aeration motor control center (MCC) is out of capacity. Therefore, it is recommended to upsize the utility transformer to accommodate the loads for twelve new aerators. The utility transformer has space for future breakers, so a new breaker / feed can be added for a new aeration equipment MCC.

As-built drawings of the existing aeration electrical building indicate there may not be sufficient clearance for a new line of MCC per the latest 2023 National Electrical Code. However, there is space for a new MCC based on 2020 or earlier codes, so an exception from the building department can be explored during design to reduce costs associated with a new electrical building. It was assumed for the project cost estimates that a new electrical building would not be required for this project to save cost ahead of the rebuild project in 2040. If this exception is not approved or District decides not to pursue the cost of this alternative will increase.

The total estimated project cost for Phase 1 is $3,200,000 and the total estimated project cost for Phase 2 is $600,000.

5 Treatment Alternatives Evaluation

This section evaluates treatment alternatives to replace the existing secondary treatment process at Magna WRF. A “No Action” alternative and three secondary treatment alternatives were evaluated and compared. All the alternatives are designed to meet effluent ammonia concentrations less than 7 mg/L and total phosphorus less than 1 mg/L (2025 permit limit). The alternatives are also designed to meet the anticipated future permit limits of TN less than 10 mg/L.

5.1 No Action

For wastewater treatment facility planning, a “No Action” alternative must be considered as a requirement of the UDWQ. The “No Action” alternative continues to use the existing secondary treatment process without any improvements. For MWD, No Action is not viable due to infrastructure that needs repair or replacement and additional capacity needed to support these growing communities. Though the concrete for the oxidation ditches is currently in acceptable condition based on the visual structural inspection (see **Appendix G**), the age of the concrete (constructed in 1985) presents an increasing risk to the WRF.

While the eventual consequences of the No Action alternative can be predicted, the actual timing, magnitude, and cost of these consequences are hard to estimate but would likely include emergency engineering, equipment purchase, electrical and structural repair and replacement costs (which are generally significantly higher than planned activities), regulatory fines, and intensified regulatory response efforts.

Based on discussions with MWD, the No Action alternative is not considered for the reasons listed above and will not be discussed any further in this master plan.

5.2 Alternatives

Several alternatives have been evaluated to address current deficiencies and future treatment requirements. Each alternative was evaluated using the projected 2060 flows and loads in Section 2.1 to determine equipment sizing. All alternatives included in the evaluation meet the future permit criteria outlined in **Table 6**.

All alternatives were evaluated utilizing the existing east headworks and solids buildings. A new headworks building will be constructed adjacent to the east headworks building to expand capacity. A new secondary reuse building was recently constructed (2025). This building will also be utilized in all the alternatives, therefore membrane-based technologies like a membrane bioreactor alternative were not considered. A new influent pump station and grit washing facility are also under construction and are utilized in all the alternatives. A future grit washing facility will need to be constructed next to the grit washing facility currently under construction to expand capacity.

Based on the condition assessment, capacity analysis, and BioWin modeling results, all alternatives propose to demolish the existing operations building, west headworks building, oxidation ditches, secondary clarifiers, RAS/WAS pump station, chlorine building, chlorine contact basins, effluent structure, abandoned generator building, outdoor generators, electrical building, and abandoned digester tank. A new operations building is included for all the alternatives. New secondary clarifier structures will be required for two of the alternatives. A new, centralized generator system is recommended near the existing generator feed located west of the chemical building. A new chlorine building and chlorine contact basins will be constructed on the north end of the site with a new effluent box located just downstream of the two chlorine contact basins. A new WAS holding tank will be constructed to the west of the existing solids building.

None of the evaluated alternatives include improvements to the administration building, storage building, chemical building, and BioBrox building. All chemical equipment appears to be operating satisfactorily at this time and there is adequate capacity for future chemical addition. The BioBrox building is largely abandoned with the exception of a motor control center feed breaker; otherwise the building is relatively new and may be utilized by MWD for future needs.

The treatment alternatives are described below and illustrated graphically in the subsequent site plan figures.

5.2.1 ALTERNATIVE 1 – ACTIVATED SLUDGE (ANAEROBIC/ANOXIC/OXIC – A2O)

Alternative 1 is a new conventional biological nutrient removal (BNR) process to replace the existing oxidation ditches. The anaerobic/anoxic/oxic (A2O) process configuration is proposed. The A2O process is a type of activated sludge treatment that utilizes sequential anaerobic, anoxic, and aerobic stages for simultaneous BOD and phosphorus removal. An anaerobic selector is established by mixing and contacting the BOD in the influent wastewater with recycled activated sludge in the absence of oxygen causing microbes to release any stored phosphorus. In the next step, wastewater is aerated in the oxic zone. Phosphorus accumulating organisms (PAOs) uptake soluble phosphorus, the remaining BOD is consumed, and ammonia is oxidized to nitrate via nitrifying bacteria. Sludge is then settled out in the secondary clarifiers and is either returned to the anaerobic zone or removed with the wasted sludge. The A2O process is a widely used wastewater treatment process at both small and large facilities and is favored for its simplicity, high efficiency, and low energy consumption.

Pros and cons for this alternative are summarized in **Table 19**.

Table 19 Conventional BNR Process – Pros and Cons

Pros	Cons
• Proven and simple process, many installations	• Larger footprint is required compared to the other alternatives considered • Selector zones help settling but sludge volume index (SVI) higher than other alternatives considered

A conceptual site plan and process flow diagram (PFD) for the new BNR process are shown in **Figure 13** and **Figure 14**. The bioreactors will be arranged in two parallel trains with sequential anaerobic, anoxic and oxic zones. Anaerobic and anoxic tanks will include mixers and oxic tanks will include fine bubble diffusers for aeration. A new blower building is proposed to the north of the BNR trains to provide aeration to the diffuser grids. A new RAS/WAS pump station is shown adjacent to the blower building. Due to the age of two of the three existing clarifiers (constructed in 1985) and location of the newer existing clarifier (located furthest to the east) with respect to the new BNR basins, three new clarifiers are proposed. Space has been allocated to the west of the bioreactors for future treatment trains.

Figure 13 Activated Sludge (A2O) Concept Site Plan

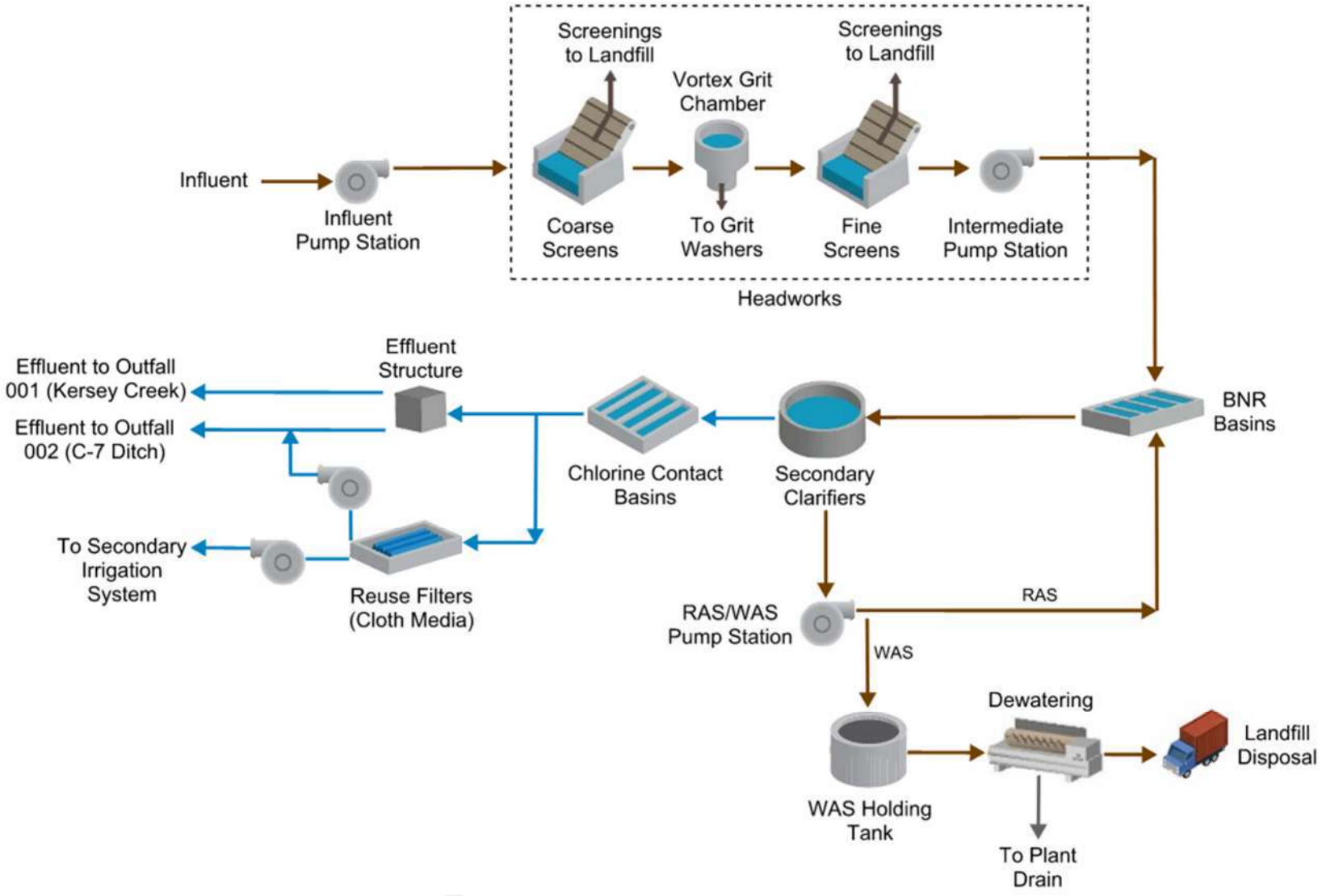


Figure 14 Activated Sludge (A2O) Process Flow Diagram

5.2.2 ALTERNATIVE 2 - BIOLOGICAL INTENSIFICATION

Alternative 2 is a new BNR process using biological intensification to replace the existing secondary process. Intensification refers to wastewater treatment processes that decrease chemical and energy demands, increase energy recovery, and reduce footprint all while providing the same nutrient removal as conventional BNR. The process is designed to promote biofilm growth, sludge settleability, and simultaneous nutrient removal by placing physical solids selectors in a proprietary series where an engineered ratio of biofilm, biomass, densified activated sludge, and conventional suspended growth can be achieved to improve overall process capability and stability. The process configuration is based on anaerobic/oxic (A/O), with anaerobic selectors for enhanced biological phosphorus removal followed by aerobic zones for BOD removal and nitrification. The process is implemented by adding biofilm carriers, which are plant-based and fully compostable, in the main bioreactors and a retention screen in the waste activated sludge (WAS) line. The overflow of the screen is mainly biofilm carriers and biofilm biomass and is returned to the head of the biological treatment basins. The underflow of the screen (filtered loose flocs) is sent to hydrocyclones.

Hydrocyclones are a gravimetric selection technology that provides a controlled method of aiding increased settling by wasting only the light fraction of the MLSS and maintaining the heavier fraction within the process. Increased density and settling velocity of the solids allows for improved treatment and throughput within clarifiers.

Pros and cons for this alternative are summarized in **Table 20.**

Table 20 Biological Intensification Process – Pros and Cons

Pros	Cons
• Consolidated footprint • Low SVI and increased clarifier capacity • Lower energy requirements	• Periodic media replacement may be required • Tied to biological intensification vendor for media, control system, etc. • Newer technology with less installations than conventional activated sludge systems

A conceptual site plan and PFD for the new biological intensification system are shown in **Figure 15** and **Figure 16**. Two trains with an approximate volume of 1.0 million gallons (MG) each will be constructed as the bioreactors. The anaerobic zones will account for 30 percent of the total volume and the aerobic zones will account for 70 percent of the total volume. Similar to Alternative 1, a new blower building is located to the north to provide aeration to the diffuser grids. The hydrocyclone and media retention screen will be located in the same building as the new RAS/WAS Pump Station. Due to the age of two of the three existing clarifiers (constructed in 1985) and location of the newer existing clarifier (located furthest to the east) with respect to the new bioreactors, three new clarifiers are proposed. Space has been allocated to the south of the bioreactors for future treatment trains.

Figure 15 Biological Intensification Concept Site Plan

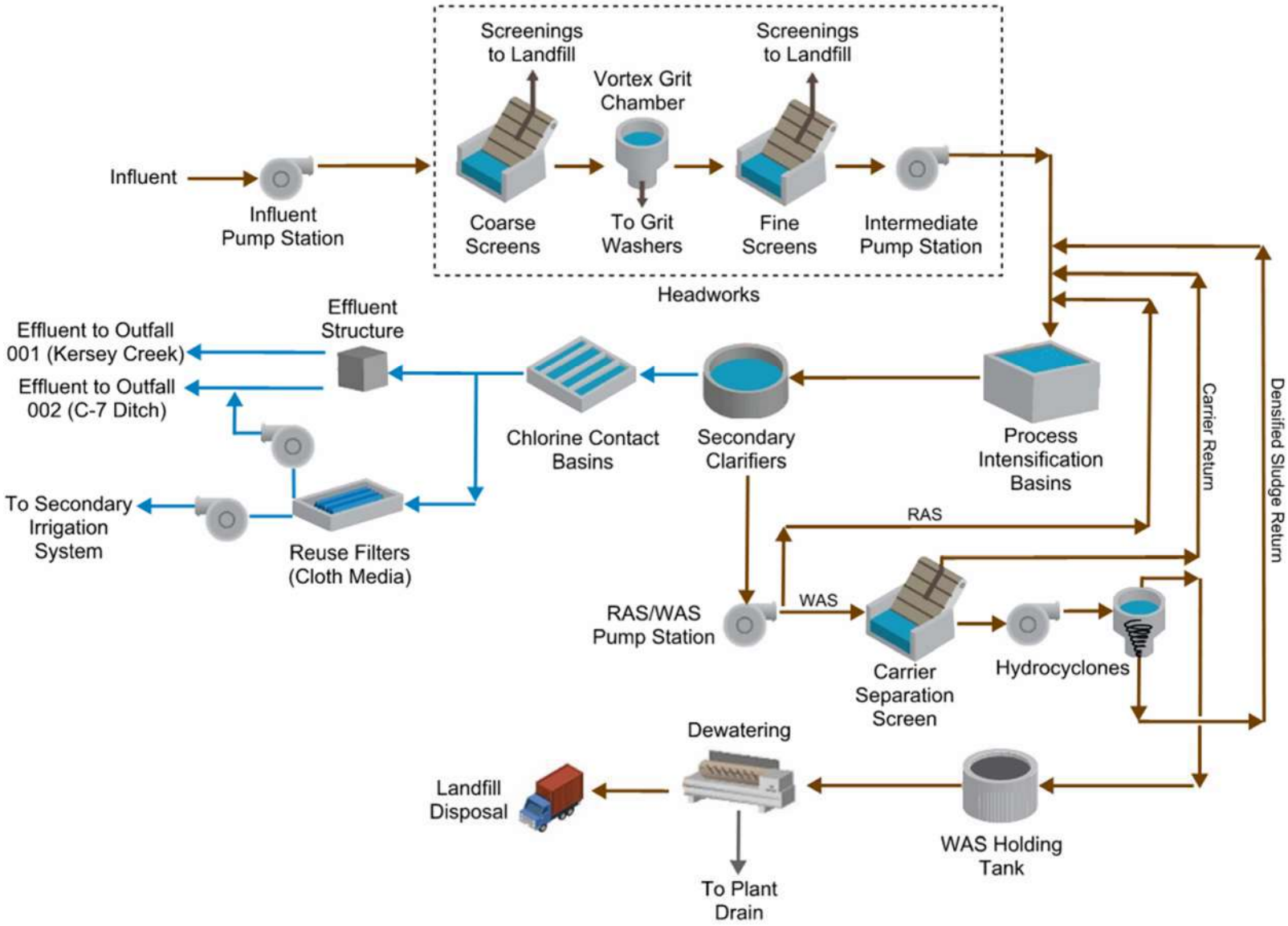


Figure 16 Biological Intensification Process Flow Diagram

5.2.3 ALTERNATIVE 3 - AEROBIC GRANULAR SLUDGE

Alternative 3 is a new BNR process using aerobic granular sludge to replace the existing secondary process. The AquaNereda® Aerobic Granular Sludge Technology is a patented technology from Aqua-Aerobic Systems, Inc. that provides biological wastewater treatment, including enhanced nutrient removal, using aerobic granular biomass. Potential advantages of aerobic granular sludge include smaller footprint, less energy, and reduced chemical consumption compared to conventional activated sludge systems. In contrast to conventional activated sludge systems, no secondary clarifiers or return sludge pumping stations are needed. The unique characteristics of the granular biomass allow for an optimized batch cycle process. There are three main phases to the cycle: simultaneous fill/draw, react, and fast settling. The duration of these phases depends on the specific wastewater characteristics, flow, and effluent standards. There are aerobic, anoxic, and anaerobic zones in the granules that allow for nitrification, denitrification, and volatile fatty acids uptake/phosphorus release, respectively. These granules have excellent settling properties, thus a separate decant phase, as utilized for conventional sequencing batch reactors, is not required. Also, less chemicals are needed for nutrient removal due to the structure of the granules.

Pros and cons for this alternative are summarized in **Table 21**.

Table 21 Aerobic Granular Sludge Process – Pros and Cons

Pros	Cons
• Consolidated footprint • Better sludge settling • No secondary clarifiers or return sludge pumping required	• New technology with fewer installations than conventional activated sludge systems • Increased complexity and the ability to maintain granular size sludge over a long period of time is unproven • Batch process, therefore equalization recommended • Tied to vendor's proprietary system

A conceptual site plan and PFD for the new AquaNereda system are shown in **Figure 17** and **Figure 18**. Three new basins of equivalent size will be constructed as the AquaNereda reactors. These reactors require a water level correction tank which is sized based on the required level drop in the reactors as well as a sludge buffer tank which is sized based on the sludge production and concentration of sludge from the reactors. A pre-secondary equalization basin is also recommended to equalize flow since this is a batch process. Secondary clarification and return sludge pumping are not required for the AquaNereda process.

Figure 17 Aerobic Granular Sludge Concept Site Plan

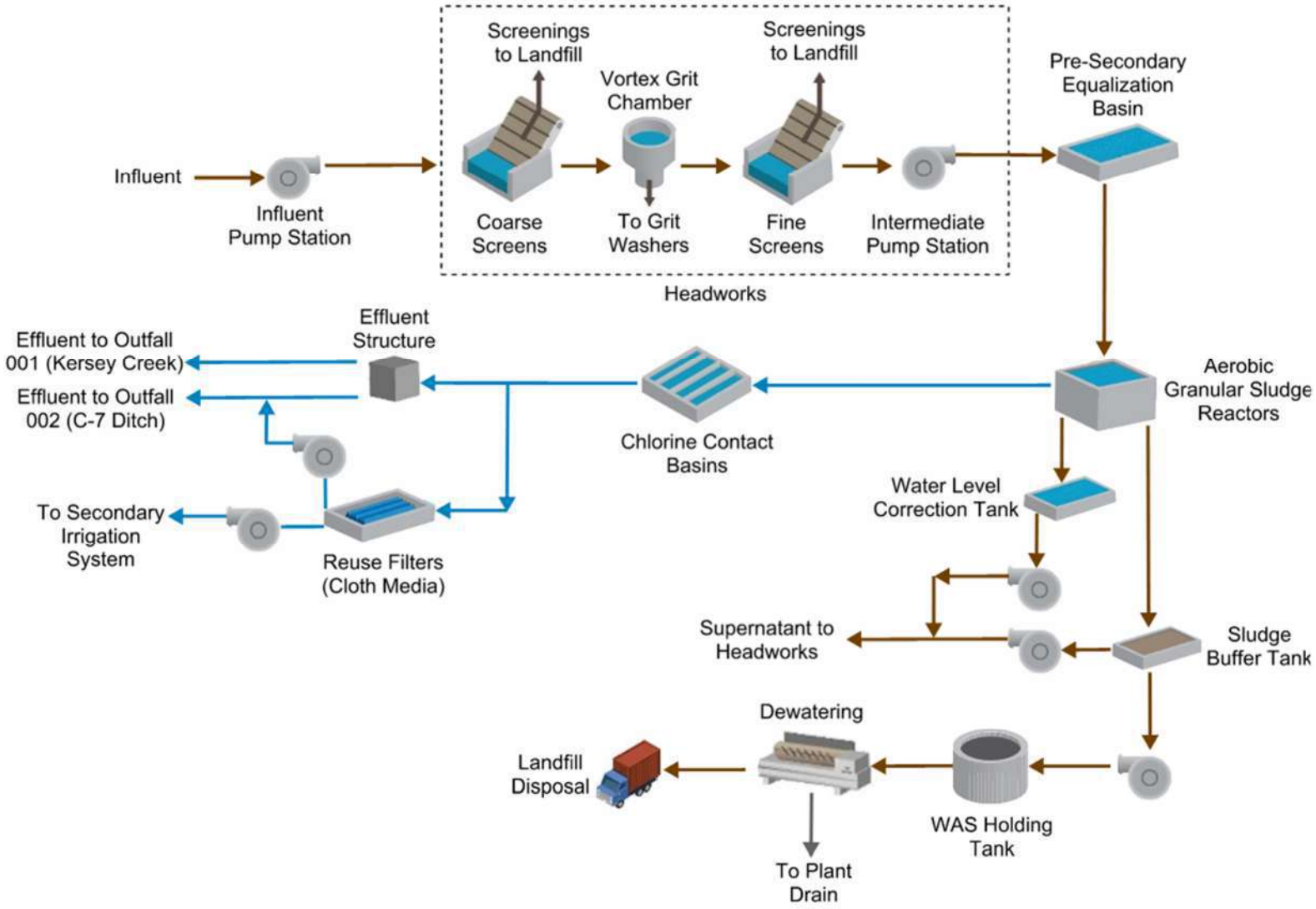


Figure 18 Aerobic Granular Sludge Process Flow Diagram

6 Treatment Alternatives Analysis

In the previous section, treatment technologies were presented and considered for the Magna WRF. The purpose of this section is to present the results of a capital cost estimating analysis for each of the treatment technologies and provide a recommendation as to the preferred technology.

Primary focus was on utilizing proven technologies that are capable of consistently and reliably meeting regulatory limits and can be designed with operational flexibility and expandability. In addition to capital cost for each alternative, thoughtful consideration was also given to personnel needs, degree of operational flexibility, O&M requirements, and construction sequencing.

6.1 Cost Estimating Analysis

For each of the alternatives, capital cost estimating began with contacting equipment manufacturers and requesting quotations based on the criteria outlined in Section 2. Equipment was sized to handle the projected 2060 flows and loads for the planning period as well as to meet the anticipated permit conditions. Once equipment costs were known, the next step of the estimate was to consider conceptual level building layouts and footprints and associated excavation, backfill, and concrete quantities. Total estimated project costs were then assembled by escalating the base equipment and building costs by percentages for items such as site work, electrical and instrumentation, contingency, contractor overhead and profit (O&P), and engineering. These percentages are based on past project history for similar wastewater projects.

It should be noted that the costs developed in this section are Class 5 cost estimates (AACE International Recommended Practice No 18R-97). Class 5 estimates are high level and prepared based on very limited information and subsequently have a wide accuracy range. For initial screening and comparisons of technologies, this approach is appropriate. All capital cost opinions are based on typical observations of construction costs observed in the 2025 time period. Future project costs should be escalated with an appropriate inflation factor.

The total estimated project costs for the treatment process alternatives are presented in **Table 22**. Additional cost summary information can be found in **Appendix H**.

Table 22 Treatment Process Alternatives Cost Summary

Alternatives	Direct Cost	Indirect Cost	Total Estimated Project Cost
Alternative 1 - Activated Sludge (A2O)	$ 30,460,000	$ 60,490,000	$ 90,950,000
Alternative 2 - Biological Intensification	$ 32,181,000	$ 63,909,000	$ 96,090,000
Alternative 3 - Aerobic Granular Sludge	$ 29,712,000	$ 58,998,000	$ 88,710,000

Notes:

(1) Opinion of Probable Construction Cost (OPCC) Class 5 cost estimate.
(2) All costs include engineering fees and 25 percent construction contingency.
(3) All costs are for treatment to future permit limits (TP < 1.0 mg/L and TIN < 10 mg/L).
(4) Approximately 9 percent of the direct cost for each alternative is attributed to existing equipment replacement.

6.2 Decision Matrix

In order to provide a recommendation on a preferred treatment technology, a decision matrix was developed to evaluate the alternatives based on non-economic factors such as treatment performance, footprint, and ease of O&M. The results of this evaluation are shown in **Table 23**. Each alternative is scored out of 100 points possible, with points possible for each category weighted based upon importance. Alternatives judged to score best in each category receive full points.

Based on the comparison of the alternatives, the A2O alternative was the most favorable. A2O is a proven technology with numerous installations at both small and large plants. Aerobic granular sludge and biological intensification are newer technologies with less installations in the United States. Aerobic granular sludge technology operates at high MLSS values (typically 8,000 mg/L) compared to A2O (typically 4,000 mg/L). Biological intensification can operate at higher MLSS values compared to A2O due to the denser particles produced by the hydrocyclones. A2O and aerobic granular sludge are anticipated to provide similar nutrient removal capabilities as the granule structure provides anaerobic, anoxic, and aerobic regions similar to A2O. Overall site footprint for the aerobic granular sludge option is anticipated to be the smallest, largely because no clarifiers or return sludge pumping are required. Both biological intensification and aerobic granular sludge have proprietary system components. However, there are multiple vendors available for biological intensification while there is only one vendor for aerobic granular sludge (i.e., Aqua-Aerobic Systems). Lastly, O&M for the aerobic granular sludge option is anticipated to be somewhat more complex due to the batch cycle operation.

Table 23 Decision Matrix for Treatment Technology Alternatives

Evaluation Category Description	Points Possible	A2O	Biological Intensification	Aerobic Granular Sludge
Proven Technology, Reliability	25	25	22	18
Treatment Performance (Operating MLSS, nutrient removal)	25	23	23	25
Smallest Footprint	20	16	19	20
Proprietary System Components	15	15	13	11
Easiest to Operate & Maintain	15	15	14	13
Scoring (higher is more favorable)	**100**	**94**	**91**	**87**

A workshop was held with MWD staff to discuss the treatment alternatives. The decision was made to pursue the A2O alternative for facility upgrade and expansion.

7 Proposed Project / Recommended Alternative

A wide range of alternatives were considered both for solutions to expand aeration capacity of the existing oxidation ditches and for construction of a new WRF treatment process. Based on the comparison of aeration alternatives, adding more surface aerators to the oxidation ditches was most favorable. Based on the comparison of future WRF treatment alternatives, the A2O alternative was most favorable. **Figure 19** shows the A2O alternative at the WRF site with the preferred process. **Figure 20** shows the process flow diagram for the recommended WRF alternative.

Figure 19 Recommended Alternative Concept Site Plan

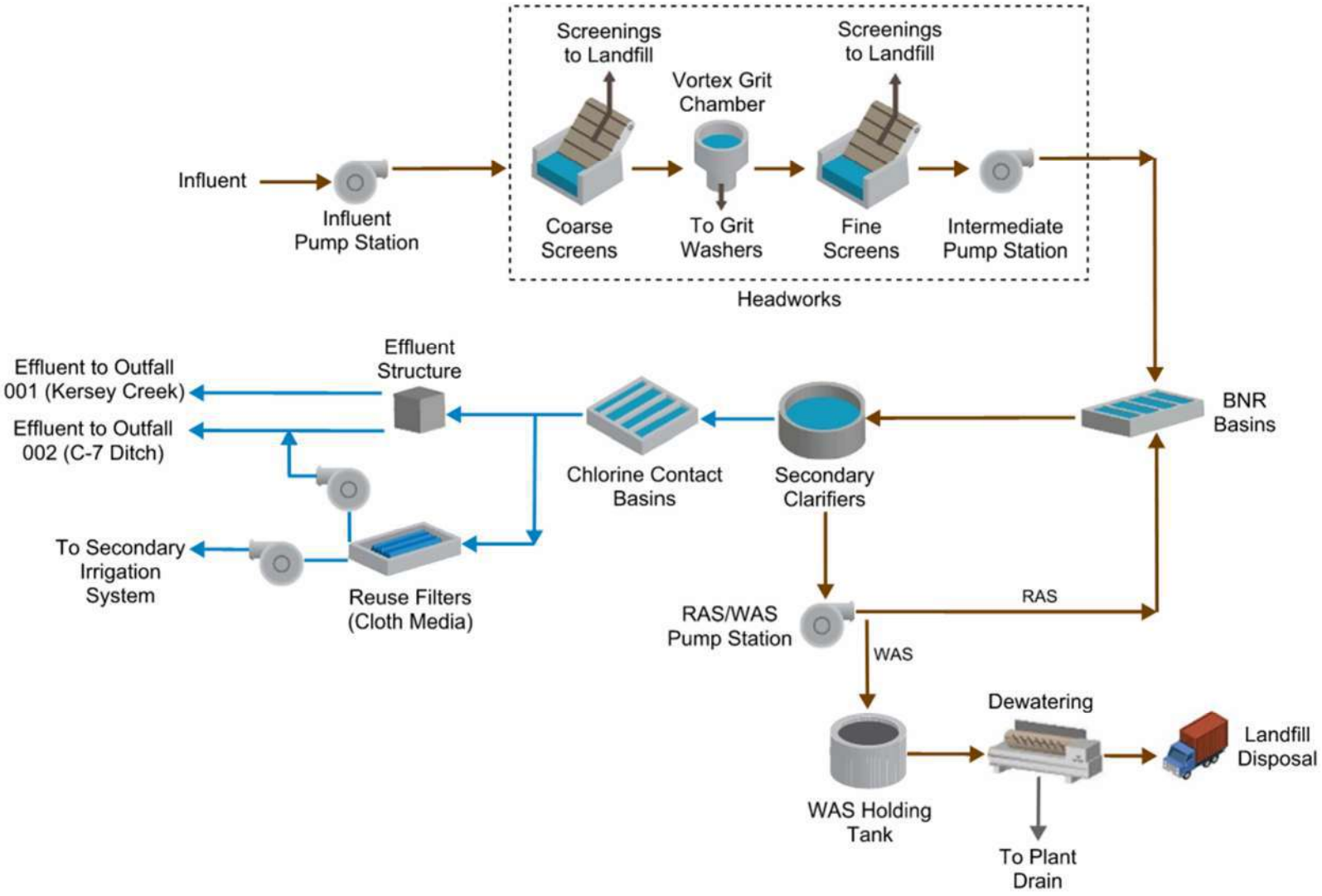


Figure 20 Recommended Alternative Process Flow Diagram

7.1 Design Considerations

7.1.1 OXIDATION DITCH RETROFIT

The existing aeration system will be expanded with additional units of the same equipment. Eight 60 HP Triton® 2.0 units (with 15 HP blowers) will initially be installed to address the current oxygen deficit (Phase 1) with four more aerators added in the future as needed (Phase 2). Float mounted aerators are recommended as there is limited open bridge space available and to minimize structural modifications required. Additionally, it is recommended to upsize the utility transformer and add a new breaker / feed to accommodate the equipment loads for twelve new aerators. A new aeration MCC will be located in the existing electrical building.

7.1.2 NEW WRF TREATMENT PROCESS

7.1.2.1 Influent Pump Station

A new influent pump station is currently under construction and expected to be completed in 2026. The influent pump station will receive all influent flow from the east and west trunk lines and pump it to the headworks facilities. The pump station will be an open screw pump design with three pumps (two duty, one standby). The pump station has been sized for 8 MGD with one pump out of service, so no additional capacity or improvements are required for the master planning.

7.1.2.2 Headworks

A new headworks building will be located adjacent to the existing East Headworks building to expand treatment capacity. The building design is expected to be a slab on grade with concrete masonry unit (CMU) walls. The footprint of the building is estimated to be around 5,220 square feet. The new headworks will be made up of a series of unit processes that match the existing East Headworks facility.

Coarse screens will be the first treatment step to remove large solids and stringy material from the incoming wastewater. The screens will be installed in open concrete channels. A total of two parallel flow channels are proposed. The type of coarse screen planned is a step screen. This screen has been in use at the existing East Headworks building and it is a well proven and reliable design.

The coarse screens will be followed by a vortex type grit removal system, matching the East Headworks. Two units in parallel are planned. They will each be installed in a dedicated concrete tank. Grit is collected at the base of the tanks and then pumped to a new grit washing facility. The grit pumps will be vertical, vacuum-primed type pumps mounted at the top of each grit chamber. Each grit chamber will discharge into a common flow channel that conveys wastewater to the fine screens.

Rotary drum type fine screens will remove small particulate matter. A total of two screens are planned in the new headworks building. Each screen will have its own dedicated washer-compactor to clean, compact, and dewater the screenings.

Following the fine screens, wastewater will enter a wet well for an intermediate pump station. The intermediate pump station, along with the existing intermediate pump station in the East Headworks, will pump to the new secondary treatment process. The new intermediate pump station will include at least two submersible type pumps.

7.1.2.3 Grit Washing Facility

A grit washing facility is currently under construction and expected to be completed in 2026. The grit pumps in the existing East Headworks facility will pump the grit slurry to two grit washing units housed in the new building. Grit washing removes any organic material and dewaters the grit prior to disposal. A future grit washing facility will need to be constructed to treat the grit slurry from the new headworks building described above. The building structural design is intended to be CMU slab on grade foundation. Preliminarily, the footprint of the building is expected to be about 1,510 square feet.

7.1.2.4 Activated Sludge Process

The anaerobic/anoxic/oxic (A2O) process configuration will be used for biological treatment. The A2O process is a type of activated sludge treatment that utilizes sequential anaerobic, anoxic, and aerobic stages for simultaneous BOD and phosphorus removal. An anaerobic selector is established by mixing and contacting the BOD in the influent wastewater with the RAS in the absence of oxygen causing microbes to release any stored phosphorus. In the next step, wastewater is aerated in the oxic zone. Phosphorus accumulating organisms (PAOs) uptake soluble phosphorus, the remaining BOD is consumed, and ammonia is oxidized to nitrate via nitrifying bacteria. Sludge is either returned upstream of the secondary treatment and/or removed with the wasted sludge. The A2O process is a widely used wastewater treatment process at both small and large facilities and is favored for its simplicity, high efficiency, and low energy consumption. The A2O process will be able to meet the anticipated nutrient effluent limits.

The activated sludge splitter box will receive flow from the intermediate pump stations. Weir gates in the splitter box will regulate flow to each of the active process trains. The bioreactors will be arranged in two parallel trains. The anaerobic and anoxic zones will include submersible mixers to prevent settling and promote homogeneity. The oxic zones will include fine bubble diffusers for aeration. The preliminary design locates these basins mostly above grade. Locating the tanks mostly below grade may not be a favorable design from a geotechnical perspective due to high groundwater and poor soils. As such, it is recommended that the activated sludge tanks be elevated which could be achieved without much difficulty from a hydraulic perspective since flow is pumped to these tanks. Effluent from the activated sludge process will be collected and distributed to the secondary clarifiers. Three new secondary clarifiers will be located to the north of the activated sludge basins.

Process aeration blowers (two duty, one standby) for the oxic zones will be located in a new blower building along with electrical and controls for the bioreactors. RAS and WAS control equipment will be located in a new RAS/WAS pump station building which will include duty and standby pumps and flow meters. RAS pumps will pump from each clarifier back to the head of the bioreactors. WAS pumps will pump the WAS from the RAS line to a new WAS holding tank. The building designs are expected to be a

slab on grade with CMU walls. The footprints of the blower building and RAS/WAS pump station are estimated to be around 2,250 and 2,520 square feet, respectively.

7.1.2.5 Disinfection

Disinfection of wastewater is required to inactivate pathogens present in the wastewater prior to discharge. Disinfection at the existing WRF is accomplished using chlorine in the form of gas, which is commonly practiced. Due to the age of the existing disinfection infrastructure, two new chlorine contact basins in parallel are proposed. Flow will be introduced into a stilling basin/splitter box from where it will flow into each channel. Isolation gates on each channel will allow channels to be taken out of service as needed.

New chlorination equipment will be housed in a new building that will include a separate room for electrical and controls equipment. The building structural design is intended to be CMU slab on grade foundation. Preliminarily, the footprint of the building is expected to be about 800 square feet.

The outfall of the existing Magna WRF into Kersey Creek (Outfall 001) and the C-7 ditch (Outfall 002) will continue to be used for the new facility. To do so, discharge will be conveyed to a new effluent box located downstream of the chlorine contact basins.

The plant will produce high quality effluent suitable for direct use in a plant or utility water system through the WRF. A plant water pump station will follow chlorine disinfection, with a portion of the effluent being diverted to the pump station. The pumps (two duty, one standby) will be housed in the chlorine building.

7.1.2.6 Secondary Reuse Facility

A new secondary reuse building, which will include a cloth media filter system, recently completed construction in 2025. Additional disks and backwash pumps will need to be added to the two filters being installed to provide the buildout capacity. It is also expected that pumping upgrades will be required to reach the buildout capacity for the effluent/reuse pumps.

7.1.2.7 Operations Building

A new operations building will be constructed where the existing west headworks facility will be demolished. The building structural design is intended to be CMU slab on grade foundation. Preliminarily, the footprint of the building is expected to be about 2,400 square feet.

7.1.2.8 Solids Treatment

A new aerated sludge holding tank designed for handling WAS will be located adjacent to the existing solids building. The WAS holding tank will include coarse bubble diffusers for mixing with the aeration blowers located in the existing solids building. New sludge dewatering pumps will also be located in the existing solids building to pull WAS from the WAS holding tank to the screw presses. Additional dewatering equipment will be added in the existing solids building to increase capacity.

7.2 Overall Project Implementation Schedule

Figure 21 presents the proposed project implementation schedule for both the interim aeration upgrade project as well as the overall WRF replacement project. This master plan was developed based on the projected flows and loads presented in **Table 1** and **Table 5**, respectively. If the flows and/or loads deviate from these projections, the project timing presented in the figure below should be adjusted accordingly.

Timeline	July 2026	January 2027	April 2027	December 2027	2036	2038	2040
Begin design of recommended aeration alternative	✓						
Submit updated financial application to DWQ (optional)	✓				✓		
Project review meeting with DWQ	✓				✓		
DWQ construction permit Review		✓				✓	
Aeration alternative design out to bid			✓				
Aeration alternative startup and commissioning				✓			
Geotechnical investigations and cost impacts					✓		
Begin design of recommended WRF alternative					✓		
New WRF out to bid						✓	
New WRF startup and commissioning							✓

Figure 21 Overall Project Implementation Schedule

RESOLUTION 2025-08

2026 TENTATIVE BUDGET

RESOLUTION No. 2025 - 08

A Resolution Regarding Adoption of the District's Tentative 2026 Budget

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

WHEREAS, each fall, the District is required to adopt a tentative budget for the upcoming fiscal year; and

WHEREAS, the District has prepared a budget for the upcoming 2026 fiscal year and now desires to adopt it as its tentative 2026 Budget.

NOW, THEREFORE, BE IT RESOLVED as follows:

1. The attached budget is hereby adopted as the District's tentative budget for the 2026 fiscal year.

2. A public hearing shall be held on Thursday, November 13, 2025, at 10:00 am, at the District's General Office Building, to receive public comments thereon, with notice thereof being duly provided pursuant to Utah Code Ann. § 17B-1-609.

3. A copy of this tentative budget shall be made available for public inspection for a period of at least seven days prior to the public hearing, pursuant to Utah Code Ann. § 17B-1-608.

4. The effective date of this Resolution shall be October 9, 2025.

ADOPTED AND APPROVED by majority vote at a duly called meeting of the Board of Trustees on this 9th day of October 2025.

MAGNA WATER DISTRICT

By: _____
Mick Sudbury
Chairman, Board of Trustees

ATTEST:

_____
LeIsle Fitzgerald, Board Clerk

TENTATIVE 2026 BUDGET

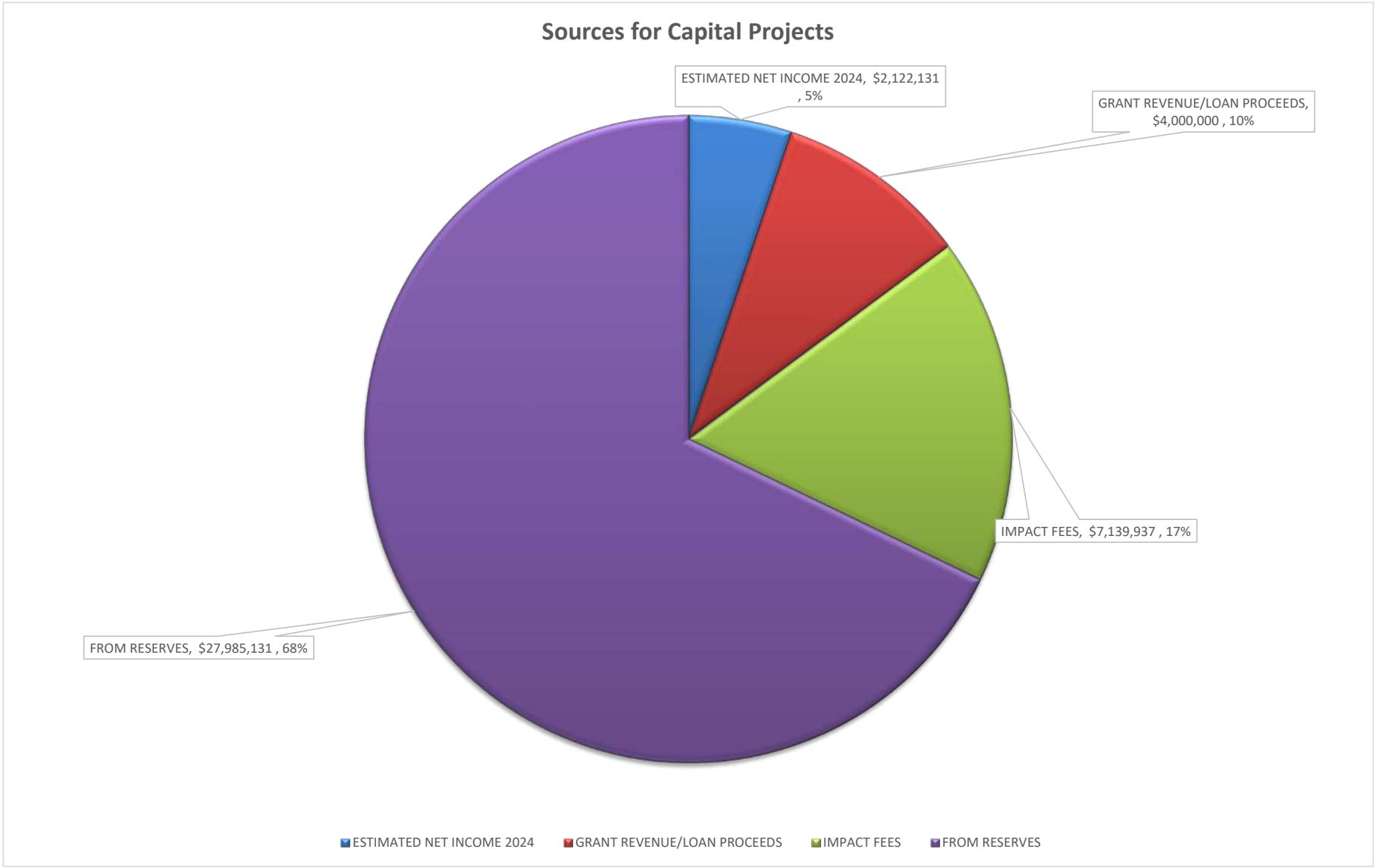
MAGNA WATER DISTRICT
2026 TENTATIVE BUDGET
CAPITAL SOURCES AND OUTLAYS SUMMARY

CAPITAL FUND SOURCES

ESTIMATED NET INCOME 2026	$	2,122,131	
GRANT REVENUE/LOAN PROCEEDS	$	4,000,000	
ESTIMATED IMPACT FEE RESERVES (AVAILABLE AS OF 08/31/2025)	$	7,139,937	
TAKE FROM RESERVES	$	27,985,131	
TOTAL CAPITAL FUND SOURCES			$ 41,247,199

CAPITAL FUND USES

CARRYOVER PROJECTS AT 08/31/2025	$	12,952,492	
PROPOSED NEW PROJECTS FOR 2026	$	28,189,708	
TOTAL CAPITAL FUND USES			
TOTAL CAPITAL FUND USES			$ (41,142,200)
BALANCED BUDGET			$ 105,000


Sources for Capital Projects
ESTIMATED NET INCOME 2024, $2,122,131 , 5%
GRANT REVENUE/LOAN PROCEEDS, $4,000,000 , 10%
IMPACT FEES, $7,139,937 , 17%
FROM RESERVES, $27,985,131 , 68%
ESTIMATED NET INCOME 2024
GRANT REVENUE/LOAN PROCEEDS
IMPACT FEES
FROM RESERVES

MAGNA WATER DISTRICT TENTATIVE 2026 BUDGET
RECAP OF ALL DIVISIONS

(REVENUES) & EXPENSES TOTAL DIVISIONS	2024 ACTUAL	2024 BUDGET	2025 ESTIMATED YEAR END	2025 BUDGET	2026 TENTATIVE BUDGET
TOTAL INCOME	$ (29,749,615)	$ (37,527,622)	$ (23,527,018)	$ (31,771,677)	$ (23,852,426)
TOTAL EXPENSES	$ 15,874,466	$ 18,086,650	$ 16,571,673	$ 19,810,035	$ 20,344,506
TOTAL BOND and LOANS and BANKING FEES	$ 2,307,555	$ 2,225,115	$ 2,295,152	$ 2,304,065	$ 2,402,163
COMBINED REVENUE OVER EXPENDITURES	$ (11,567,594)	$ (17,215,857)	$ (4,660,193)	$ (9,657,577)	$ (1,105,757)

ADOPTED CAPITAL FACILITY PROJECT

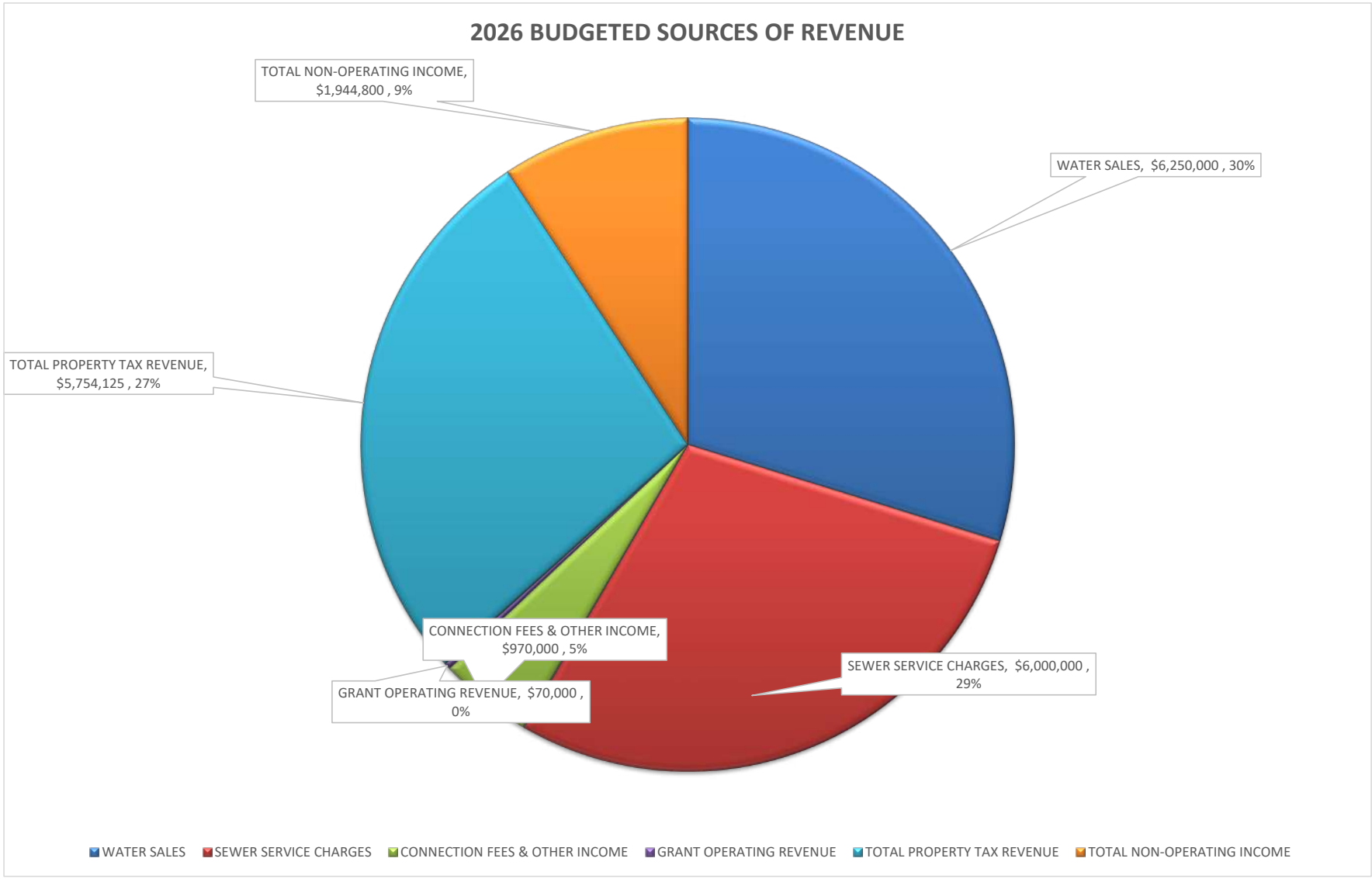
TOTAL DIVISIONS	Existing	Future	Reserves	Bond Funds/Grants	Total
WATER DIVISION	$ 14,264,708	$ -	$ -	$ -	$ 14,264,708
SEWER DIVISION	$ 3,478,590	$ 7,166,410	$ -	$ -	$ 10,645,000
ADMINISTRATION DIVISION	$ 130,000	$ -	$ -	$ -	$ 130,000
SECONDARY WATER DIVISION	$ 1,627,280	$ 1,522,720	$ -	$ -	$ 3,150,000
COMBINED TOTAL CAPITAL ACQUISITIONS FOR YEAR ENDING DECEMBER 31, 2025	$ 19,500,578	$ 8,689,130	$ -	$ -	$ 28,189,708

(INCREASE)/DECREASE COMPARISON 2025 TO 2026 BUDGET	2025 Budget	2026 Budget	Difference	% difference (inc)/dec
TOTAL INCOME	$ (31,771,677)	$ (23,852,426)	$ (7,919,251)	24.93%
TOTAL EXPENSES	$ 19,810,035	$ 20,344,506	$ (534,471)	-2.70%
TOTAL BOND and LOANS and BANKING FEES	$ 2,304,065	$ 2,402,163	$ (98,098)	-4.26%
COMBINED (REVENUE) OVER EXPENSES	$ (9,657,577)	$ (1,105,757)	$ (8,551,820)	

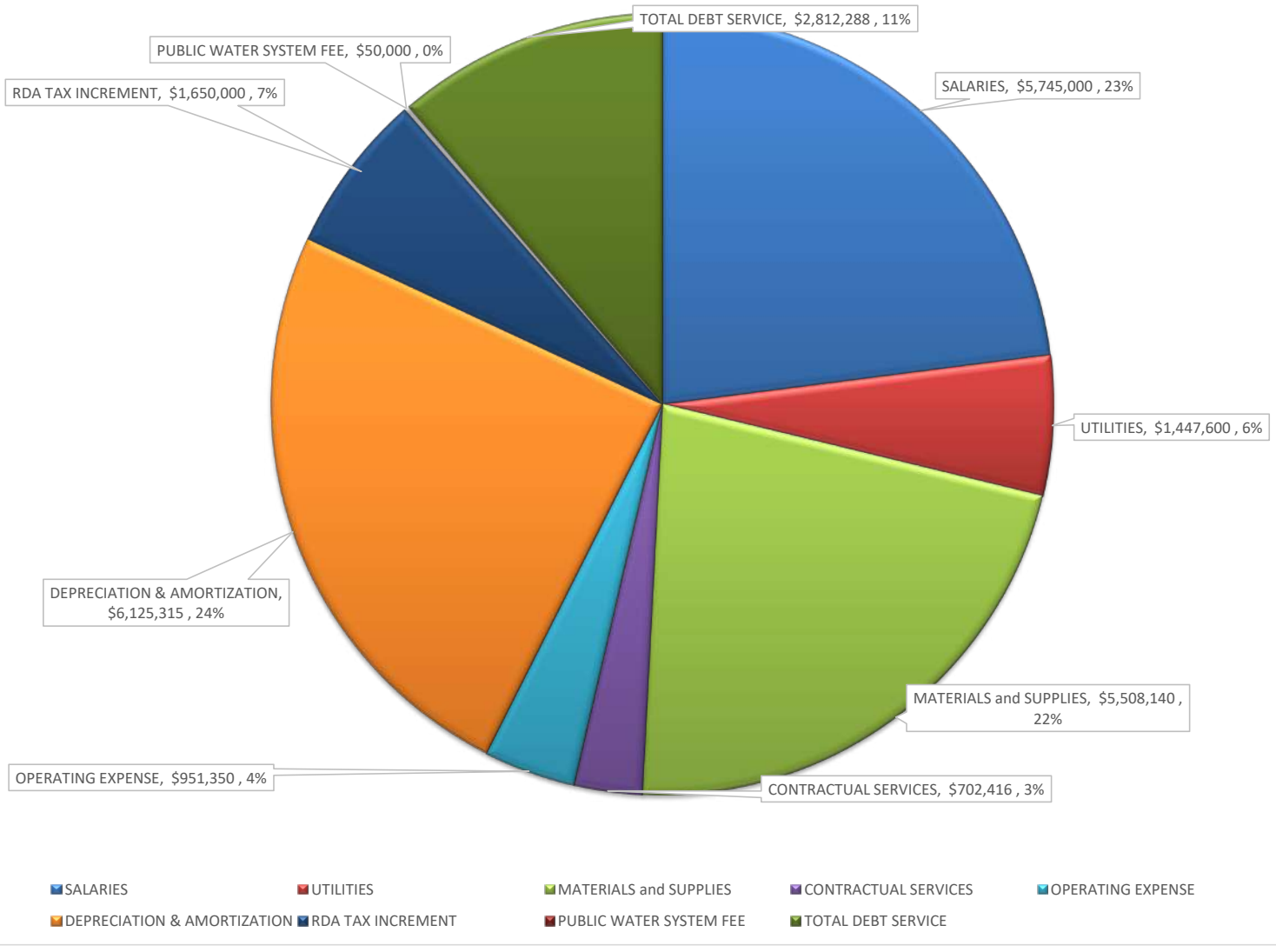
PRIOR YEARS ACTUAL	2024	2023	2022	2021	2020
TOTAL INCOME	$ (29,749,615)	$ (37,527,622)	$ (35,841,207)	$ (26,177,108)	$ (21,742,429)
TOTAL EXPENSES	$ 15,874,466	$ 18,086,650	$ 15,194,542	$ 11,556,270	$ 10,882,282
TOTAL BOND and LOANS and BANKING FEES	$ 2,307,555	$ 2,225,115	$ 2,270,870	$ 2,045,137	$ 1,705,468
COMBINED (REVENUE) OVER EXPENSES	$ (11,567,594)	$ (17,215,857)	$ (18,375,795)	$ (12,575,701)	$ (9,154,679)

PRIOR YEARS ACTUAL	2019	2018	2017	2016	2015
TOTAL INCOME	$ (14,033,156)	$ (13,437,042)	$ (11,455,523)	$ (10,765,776)	$ (12,442,719)
TOTAL EXPENSES	$ 9,346,417	$ 8,954,708	$ 8,824,961	$ 8,519,352	$ 8,158,638
TOTAL BOND and LOANS and BANKING FEES	$ 1,443,956	$ 984,355	$ 582,833	$ 524,742	$ 439,669
COMBINED (REVENUE) OVER EXPENSES	$ (3,242,783)	$ (3,497,980)	$ (2,047,729)	$ (1,721,681)	$ (3,844,412)

PRIOR YEARS ACTUAL	2014	2013	2012	2011	2010
TOTAL INCOME	$ (9,778,516)	$ (9,445,667)	$ (9,947,432)	$ (9,363,659)	$ (10,277,377)
TOTAL EXPENSES	$ 8,331,085	$ 7,677,163	$ 7,204,078	$ 6,946,679	$ 6,613,984
TOTAL BOND and LOANS and BANKING FEES	$ 447,870	$ 723,311	$ 544,256	$ 606,058	$ 673,616
COMBINED (REVENUE) OVER EXPENSES	$ (999,560)	$ (1,045,193)	$ (2,199,099)	$ (1,810,921)	$ (2,989,778)


2026 BUDGETED SOURCES OF REVENUE
TOTAL NON-OPERATING INCOME, $1,944,800 , 9%
WATER SALES, $6,250,000 , 30%
TOTAL PROPERTY TAX REVENUE, $5,754,125 , 27%
CONNECTION FEES & OTHER INCOME, $970,000 , 5%
SEWER SERVICE CHARGES, $6,000,000 , 29%
GRANT OPERATING REVENUE, $70,000 , 0%
WATER SALES
SEWER SERVICE CHARGES
CONNECTION FEES & OTHER INCOME
GRANT OPERATING REVENUE
TOTAL PROPERTY TAX REVENUE
TOTAL NON-OPERATING INCOME

2026 BUDGETED USES OF REVENUES



SUM OF ALL DIVISIONS

MAGNA WATER DISTRICT
2026 TENTATIVE BUDGET

	2024 ACTUAL	2024 BUDGET	2025 ESTIMATED YEAR END	2025 BUDGET	2026 TENTATIVE BUDGET
SERVICE CHARGES INCOME	$ (11,106,799)	$ (9,878,281)	$ (11,855,669)	$ (10,718,251)	$ (12,250,000)
PUBLIC WATER SYSTEM FEE	$ -	$ -	$ -	$ -	$ (50,000)
METER SET INCOME	$ 67,000	$ (205,000)	$ (2,118)	$ (205,000)	$ (85,000)
INSPECTION REVENUE	$ (122,850)	$ (127,400)	$ (315,853)	$ (142,000)	$ (225,000)
BUY IN REVENUE	$ (840,083)	$ (996,060)	$ (801,965)	$ (975,000)	$ (835,000)
IMPACT FEE REVENUE	$ (2,106,329)	$ (2,090,000)	$ (903,451)	$ (2,090,000)	$ (1,500,000)
INCOME CONTRIBUTED CAPITAL	$ (2,139,437)	$ (3,650,000)	$ (2,000,000)	$ (3,500,000)	$ (1,735,000)
METER TAMPERING FEES	$ (400)	$ (1,000)	$ (1,200)	$ (1,000)	$ (800)
FEES (DELINQUENT ACCTS)	$ (7,444)	$ (4,000)	$ (8,580)	$ (5,000)	$ (8,000)
OTHER OPERATING INCOME	$ (116,859)	$ (75,000)	$ (137,044)	$ (75,000)	$ (130,000)
ENGINEERING REVENUE - SUBDIVISIONS	$ (31,210)	$ (20,000)	$ (78,866)	$ (85,000)	$ (75,000)
NON RESIDENT FEE INCOME	$ (151,032)	$ (150,000)	$ (176,411)	$ (140,000)	$ (155,000)
SUBSIDY FROM CULINARY TO SECONDARY	$ (87,228)	$ -	$ -	$ (22,000)	$ -
PROPERTY TAX REVENUE (CERTIFIED RATE)	$ (3,914,502)	$ (3,646,881)	$ (3,726,749)	$ (3,726,749)	$ (3,428,126)
PROPERTY TAX REVENUE (CDRA INCREMENT)	$ (1,528,826)	$ (1,380,000)	$ (1,575,000)	$ (1,575,000)	$ (1,650,000)
PROPERTY TAX REVENUE (MV REVENUE)	$ (199,273)	$ (213,000)	$ (213,000)	$ (213,000)	$ (225,000)
PROPERTY TAX REVENUE (MISC REDEMPTIONS, ETC)	$ (61,667)	$ (95,000)	$ (125,000)	$ (125,000)	$ (79,500)
UNREALIZED GAIN ON INVESTMENTS	$ (3,166)	$ (30,000)	$ -	$ -	$ -
GAIN ON SALE OF ASSETS	$ 84,640	$ (6,190,000)	$ (320)	$ (6,005,000)	$ -
INDUSTRY COST SHARE INCOME	$ (298,954)	$ (190,000)	$ (275,000)	$ (322,677)	$ (300,000)
OTHER NON-OPERATING INCOME	$ (44,477)	$ (11,000)	$ (50,254)	$ (11,000)	$ (51,000)
GRANT MONIES & JVWCD CONSERVATION GRANT	$ (5,084,109)	$ (7,275,000)	$ (99,012)	$ (35,000)	$ (70,000)
INTEREST INCOME-INVESTMS	$ (2,056,610)	$ (1,300,000)	$ (1,181,526)	$ (1,800,000)	$ (1,000,000)
TOTAL INCOME	$ (29,749,615)	$ (37,527,622)	$ (23,527,018)	$ (31,771,677)	$ (23,852,426)
SALARIES AND BENEFITS:					
SALARIES	$ 3,087,076	$ 3,416,000	$ 3,144,125	$ 3,505,000	$ 3,585,000
PAYROLL TAXES	$ 273,709	$ 314,000	$ 270,382	$ 325,000	$ 320,000
EMPLOYEE FRINGE BENEFITS	$ 1,854,772	$ 1,791,000	$ 1,631,657	$ 1,777,000	$ 1,832,000
EMPLOYEE HEALTH & WELLNESS PROGRAM	$ 6,417	$ 9,600	$ 1,875	$ 9,600	$ 8,000
TOTAL SALARIES AND BENEFITS	$ 5,221,974	$ 5,530,600	$ 5,048,039	$ 5,616,600	$ 5,745,000
PUBLIC SYSTEM WATER FEE	$ -	$ -	$ -	$ -	$ 50,000
LEGAL EXPENSE	$ 34,180	$ 60,000	$ 42,122	$ 45,000	$ 45,000
ACCOUNTING AND AUDITING	$ 18,750	$ 35,000	$ 30,000	$ 35,000	$ 25,000
PAYROLL PROCESSING SERVICE	$ 1,472	$ 2,000	$ 1,907	$ 2,000	$ 2,000
HUMAN RESOURCES	$ 1,919	$ -	$ 3,781	$ 2,110	$ 5,000
ENGINEERING EXP - SUBDIVISIONS	$ -	$ 2,000	$ -	$ -	$ -
ENGINEERING EXPENSE (SEE PAGE 24 & 25 FOR DETAILS)	$ 413,406	$ 628,000	$ 249,616	$ 150,000	$ 345,716
DATA PROCESSING	$ 28,351	$ 15,000	$ 35,938	$ 25,000	$ 61,800
DATA PROC.MAINT. SERVICE	$ 46,755	$ 60,000	$ 42,191	$ 66,000	$ 50,000
OTHER CONTRACTUAL SERVICE	$ 24,275	$ 26,000	$ 27,243	$ 26,275	$ 25,000
OFFICE RUGS & TOILETRIES	$ 3,753	$ 3,000	$ 5,454	$ 3,000	$ 7,000
ELECTRONIC ARCHIVING	$ 6,612	$ 10,000	$ -	$ 5,000	$ 5,000
MAINTENANCE CONTRACTS	$ 3,425	$ 7,000	$ 6,930	$ 7,000	$ 7,000
EQUIPMENT LEASE EXPENSE	$ 25,499	$ 25,000	$ 32,643	$ 42,000	$ 38,000
JANITORIAL	$ 19,151	$ 19,200	$ 18,681	$ 20,000	$ 19,900
LAB & TESTING	$ 113,704	$ 117,000	$ 94,743	$ 134,000	$ 114,000
INSPECTION EXPENSE	$ 58,375	$ 15,000	$ -	$ 20,000	$ -
WATER PURCHASED	$ 364,398	$ 330,000	$ 370,602	$ 330,000	$ 390,000
REPAIRS AND MAINTENANCE (SEE PAGE 24 & 25 FOR DETAILS)	$ 1,439,979	$ 2,441,000	$ 1,686,290	$ 4,091,000	$ 4,180,640
SLUDGE REMOVAL	$ 166,251	$ 180,000	$ 173,535	$ 180,000	$ 195,000
UNIFORMS AND LINEN	$ 33,009	$ 46,000	$ 34,145	$ 46,000	$ 40,000
FIRST AID & SAFETY	$ 6,727	$ 5,000	$ 4,953	$ 7,000	$ 7,000
WVC STORMWATER UTILITY BILLING	$ 1,432	$ 1,600	$ 1,562	$ 1,600	$ 1,600
GARBAGE COLLECTION	$ 30,177	$ 47,500	$ 31,440	$ 47,500	$ 42,500
OFFICE SUPPLIES	$ 18,836	$ 11,000	$ 13,433	$ 12,100	$ 22,000
OFFICE EQUIPMENT	$ 17,392	$ 20,000	$ 19,275	$ 20,000	$ 20,000
POSTAGE/3RD PARTY BILLING PROCESS	$ 80,168	$ 80,000	$ 78,217	$ 85,000	$ 85,000
QUESTAR GAS	$ 106,700	$ 158,000	$ 84,544	$ 156,000	$ 103,000
ROCKY MOUNTAIN POWER	$ 954,678	$ 915,000	$ 1,134,182	$ 1,060,000	$ 1,255,000
CHEMICALS	$ 451,901	$ 535,000	$ 504,220	$ 547,000	$ 520,000
TELEPHONE/DATA SERVICES	$ 44,257	$ 54,400	$ 42,793	$ 47,500	$ 50,000
PERFORMANCE & EVALUATION	$ -	$ 19,800	$ 19,800	$ 19,800	$ -
CELLULAR - PHONES SERVICE	$ 27,283	$ 39,000	$ 33,612	$ 33,500	$ 38,000

MAGNA WATER DISTRICT
2026 TENTATIVE BUDGET

	2024 ACTUAL	2024 BUDGET	2025 ESTIMATED YEAR END	2025 BUDGET	2026 TENTATIVE BUDGET
DEPRECIATION	$ 5,606,008	$ 5,900,000	$ 6,180,000	$ 6,180,000	$ 6,221,000
VEHICLE/EQUIPMENT GAS & REPAIR	$ 118,166	$ 170,000	$ 120,790	$ 163,000	$ 139,000
CONSERVATION	$ -	$ 35,000	$ -	$ 35,000	$ -
WEB DEVELOPMENT	$ 231	$ 1,000	$ 91	$ 1,000	$ 1,000
TRAINING	$ 109,673	$ 260,000	$ 83,696	$ 195,000	$ 112,000
DUES, MEMBERSHIPS	$ 21,536	$ 33,000	$ 26,901	$ 33,000	$ 33,000
BAD DEBTS	$ 15,460	$ 17,500	$ 27,231	$ 17,300	$ 37,300
INSURANCE	$ 228,231	$ 208,000	$ 238,913	$ 280,700	$ 281,000
ADVERTISING & PUBLIC RELA	$ 1,052	$ 9,000	$ 13,000	$ 5,000	$ 9,000
MISC. OPERATING EXPENSE	$ 9,290	$ 15,000	$ 9,300	$ 17,000	$ 16,000
CASH SHORTAGE/OVERAGE	$ 30	$ 50	$ (140)	$ 50	$ 50
TOTAL OPER EXPENDITURES & SALARIES	$ 15,874,466	$ 18,086,650	$ 16,571,673	$ 19,810,035	$ 20,344,506
CDRA PROPERTY TAX EXPENSE	$ 1,528,826	$ 1,380,000	$ 1,575,000	$ 1,575,000	$ 1,650,000
BANK SERVICE FEES	$ 133,249	$ 150,000	$ 148,453	$ 150,000	$ 155,000
AMORTIZ OF PREMIUM DISC 2013	$ (16,997)	$ (17,200)	$ (16,997)	$ (17,001)	$ (17,001)
AMORTIZ OF PREMIUM DISC 2017	$ (43,470)	$ (43,685)	$ (43,470)	$ (43,542)	$ (43,542)
AMORTIZ OF PREMIUM DISC 2019	$ (35,136)	$ (35,200)	$ (35,136)	$ (35,142)	$ (35,142)
LEASE INTERST EXPENSE	$ 35,515	$ 37,000	$ 30,939	$ 31,250	$ 20,655
INTEREST EXP 2007 REV BOND	$ 59,160	$ 60,000	$ 55,620	$ 55,700	$ 52,100
INTEREST EXP 2013 BOND 48.22%	$ 73,586	$ 76,000	$ 55,550	$ 56,000	$ 36,001
INTEREST EXPENSE ON 2017 GO BOND	$ 334,252	$ 337,200	$ 309,269	$ 309,700	$ 283,350
INTEREST EXPENSE ON 2019 GO BOND	$ 207,068	$ 210,000	$ 190,629	$ 191,200	$ 173,442
INTEREST EXPENSE WATER RESOURCE LOAN	$ 2,327	$ 3,000	$ 1,815	$ 1,900	$ 1,300
OTHER NON-OPERATING EXPNS	$ 29,175	$ 68,000	$ 23,480	$ 29,000	$ 126,000
TOTAL NON OPERATING (REV) & EXP	$ 2,307,555	$ 2,225,115	$ 2,295,152	$ 2,304,065	$ 2,402,163
NET REVENUE OVER EXPENDITURES	$ (11,567,594)	$ (17,215,857)	$ (4,660,193)	$ (9,657,577)	$ (1,105,757)

Cash Flow Projection

2026 TENTATIVE BUDGET

Projected 2026 Ending Net Income	$	1,105,757
	$	-
Subtotal	$	1,105,757
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 in 2026	$	(3,428,126)
Add Back O & M amount of 2026 taxes	$	1,534,511
Add back 2025 coll Bond pmts pd in 2026	$	1,704,580
Add back 2026 coll Bond pmts for 2026 on 2019 Bond	$	560,534
Add Back Funded Depreciation	$	6,221,000
Back Out Impact Fees (Capital Facilities Plan only)	$	(1,500,000)
Back Out contributed Capital	$	(1,735,000)
Bond Principal Payments		
2013 GO Bond	$	(660,000)
2017 GO Bond	$	(660,000)
2019 GO Bond	$	(350,000)
2007C Revenue Bond	$	(240,000)
Capitilized Lease Payments	$	(283,440)
2003 Water Resource Loan Pmt	$	(52,000)
Estimated Cash Available Cap Acq	$	2,122,131

District Capital Facility Improvements
for the Year Ending December 31, 2026
2026 TENTATIVE BUDGET

	Existing	Future	Reserves	Bonding/Grant	Total
WATER DIVISION					
Meter Replacement Program	$ 650,000				$ 650,000
Waterline Replacement 9100 W-2700 S to 3150 S Merton Wy, 3000 S to 2810 S - Master plan projects CF-5 Design Only	$ 70,000				$ 70,000
Culinary Waterline Replacement Project Master Plan Project CMC-1 (8800 W 3100 S to 2600 S Pipe Upsize)	$ 2,500,000				$ 2,500,000
Truck Garage	$ 950,000				$ 950,000
Zone 1 Tank Preliminary Design UPRR Property, split property, zoning changes, prelim design	$ 100,000				$ 100,000
EDR Finish and Feed Tanks (Construction & CM)	$ 4,400,000				$ 4,400,000
Tank Painting (Interior & Exterior)	$ 875,000				$ 875,000
AMI Metering Equipment (One gateway, tower, power)	$ 21,000				$ 21,000
EDR Stack Replacement	$ 530,708				$ 530,708
EDR Additional Diesel Con Vault	$ 32,000				$ 32,000
Shop Bathroom Upgrade	$ 30,000				$ 30,000
2nd Service Struck (Equipped with Tools)	$ 100,000				$ 100,000
Tire Changer & Balancer	$ 6,000				$ 6,000
Lead & Copper Replacement Lines	$ 4,000,000				$ 4,000,000
SEWER DIVISION					
Plant Sensors & Instrumentation	$ 87,000				$ 87,000
Press Building Modifications	$ 1,000,000				$ 1,000,000
West Side Collection Project 2 (Construction & CMS) 9200 West Trunk, Reach1	$ 82,350	$ 4,417,650			$ 4,500,000
8400 W Upsize and Various Manhole Replacement Upsize Main St to SR201 South Frontage Rd	$ 45,750	$ 2,454,250			$ 2,500,000
West Side Collection Project 3 (Design & Bidding) SR 201 - 8000 W to 8400 W	$ 5,490	$ 294,510			$ 300,000
Change House/Operations Headquarters WRF/Collections Crew Chang eHouse and WRF Office	$ 1,750,000				$ 1,750,000
Vactor Truck Replacement	$ 295,000				$ 295,000
Lawn Mower	$ 15,000				$ 15,000
Sludge Hauling Trailer (Needed due to ET site Shutdown)	$ 138,000				$ 138,000
Huber Rebuild - Recommended every 8 years Installed in 2007 - 2009	$ 50,000				$ 50,000
Security Cameras for New Facilities at Treatment Plant	$ 10,000				$ 10,000
ADMINISTRATION DIVISION					
Upgrade Security Cameras including add to downstairs	$ 20,000				$ 20,000
Front Office Bullet Proof Door	$ 5,000				$ 5,000

District Capital Facility Improvements
for the Year Ending December 31, 2026
2026 TENTATIVE BUDGET

	Existing	Future	Reserves	Bonding/Grant	Total
ADMINISTRATION DIVISION (CON'T)					
Front Conference Room Sound Masking	$ 5,000				$ 5,000
Conservation Garden Improvements	$ 100,000				$ 100,000
SECONDARY WATER DIVISION					
Shallow Well Property (Gabler's Grove)	$ 100,000				$ 100,000
Shallow Well Preliminary Design (Gabler's Grove)	$ 60,000.00				$ 60,000
Secondary Water Line - 3100 S (Construction & CMS)	$ 579,000	$ 921,000			$ 1,500,000
Secondary Water Line - 7200 W (Construction & CMS)	$ 347,400	$ 552,600			$ 900,000
8000 W Secondary Water Line Extension (in conjunction with SLCo 8000 W Roadway Project)	$ 400,000				$ 400,000
Secondary Water Line - Fetzer Dr & 3100 S (Design Only) (Master Plan Project SD-2)	$ 30,880	$ 49,120			$ 80,000
Secondary Additional Drain Line Installations	$ 60,000				$ 60,000
Secondary Booster Station Zone 3 Cooling	$ 50,000				$ 50,000
	$ 19,500,578	$ 8,689,130	$ -	$ -	$ 28,189,708

MAGNA WATER DISTRICT

2026 TENTATIVE BUDGET

	2024 ACTUAL	2024 BUDGET	2025 ESTIMATED YEAR END	2025 BUDGET	2026 TENTATIVE BUDGET
OPERATING REVENUES:					
WATER SALES	$ 5,970,329	$ 5,125,093	$ 6,216,691	$ 5,643,213	$ 6,250,000
SEWER SERVICE CHARGES	$ 5,223,698	$ 4,753,188	$ 5,638,978	$ 5,097,038	$ 6,000,000
CONNECTION FEES & OTHER INCOME	$ (67,000)	$ 205,000	$ 2,118	$ 205,000	$ 85,000
INSPECTION REVENUE	$ 122,850	$ 127,400	$ 315,853	$ 142,000	$ 225,000
ENGINEERING REVENUE	$ 31,210	$ 20,000	$ 78,866	$ 85,000	$ 75,000
NON RESIDENT FEE IN LIEU OF PR	$ 151,032	$ 150,000	$ 176,411	$ 140,000	$ 155,000
OTHER OPERATING INCOME	$ 116,859	$ 75,000	$ 137,044	$ 75,000	$ 130,000
GRANT OPERATING REVENUE	$ 5,084,109	$ 7,275,000	$ 99,012	$ 35,000	$ 70,000
INDUSTRY COST SHARE INCOME	$ 298,954	$ 190,000	$ 275,000	$ 322,677	$ 300,000
TOTAL OPERATING REVENUE	$ 16,932,041	$ 17,920,681	$ 12,939,973	$ 11,744,928	$ 13,290,000
PROPERTY TAX REVENUE					
PROPERTY TAX REVENUE (CERTIFIED RATE)	$ 3,914,502	$ 3,646,881	$ 3,726,749	$ 3,726,749	$ 3,428,126
PROPERTY TAX REVENUE (CDRA INCREMENT)	$ 1,528,826	$ 1,380,000	$ 1,575,000	$ 1,575,000	$ 1,650,000
PROPERTY TAX REVENUE (MV REVENUE)	$ 199,273	$ 213,000	$ 213,000	$ 213,000	$ 225,000
PROPERTY TAX REVENUE (MISC REDEMPTIONS, ETC)	$ 61,667	$ 95,000	$ 125,000	$ 125,000	$ 79,500
PROPERTY TAXES COLLECT FOR 2026		$ (3,646,881)	$ (3,649,582)	$ (3,726,749)	$ (3,428,126)
ADD COLLECTED TAXES FOR 2026 PAYMENTS		$ 3,649,582	$ 3,649,582	$ 3,727,511	$ 3,799,625
TOTAL PROPERTY TAX REVENUE	$ 5,704,268	$ 5,337,582	$ 5,639,749	$ 5,640,511	$ 5,754,125
NON-OPERATING REVENUE					
PUBLIC WATER SYSTEM FEE	$ -	$ -	$ -	$ -	$ 50,000
BUY-IN REVENUE	$ 840,083	$ 996,060	$ 801,965	$ 975,000	$ 835,000
UNREALIZED GAIN/LOSS ON INVESTMENTS	$ 3,166	$ 30,000	$ -	$ -	$ -
GAIN/LOSS ON SALE OF ASSETS	$ (84,640)	$ 6,190,000	$ 320	$ 6,005,000	$ -
INTEREST INCOME INVESTMENTS	$ 2,056,610	$ 1,300,000	$ 1,181,526	$ 1,800,000	$ 1,000,000
FEES (DELINQUENT ACCTS)	$ 7,844	$ 5,000	$ 9,780	$ 6,000	$ 8,800
OTHER NON-OPER INCOME	$ 44,477	$ 11,000	$ 50,254	$ 11,000	$ 51,000
TOTAL NON-OPERATING INCOME	$ 2,867,540	$ 8,532,060	$ 2,043,845	$ 8,797,000	$ 1,944,800
TOTAL REVENUES	$ 25,503,849	$ 31,790,323	$ 20,623,567	$ 26,182,439	$ 20,988,925
OPERATING EXPENSES					
SALARIES	$ 3,087,076	$ 3,416,000	$ 3,144,125	$ 3,505,000	$ 3,585,000
PAYROLL TAXES - EMPLOYER	$ 273,709	$ 314,000	$ 270,382	$ 325,000	$ 320,000
BENEFITS	$ 1,861,189	$ 1,800,600	$ 1,633,532	$ 1,786,600	$ 1,840,000
PERFORMANCE & EVALUATION	$ -	$ 19,800	$ 19,800	$ 19,800	$ -
TRAINING	$ 109,673	$ 260,000	$ 83,696	$ 195,000	$ 112,000
LEASE EXPENSE	$ 25,499	$ 25,000	$ 32,643	$ 42,000	$ 38,000
UTILITIES	$ 1,134,350	$ 1,168,000	$ 1,296,693	$ 1,298,600	$ 1,447,600
MATERIALS and SUPPLIES	$ 2,612,394	$ 3,699,500	$ 2,920,834	$ 5,368,600	$ 5,508,140
CONTRACTUAL SERVICES	$ 764,191	$ 986,200	$ 553,973	$ 533,385	$ 702,416
BANKING FEES	$ 133,249	$ 150,000	$ 148,453	$ 150,000	$ 155,000
OTHER OPERATING EXPENSE	$ 400,377	$ 497,550	$ 435,995	$ 556,050	$ 520,350
OTHER NON-OPERATING EXPENSE	$ 29,175	$ 68,000	$ 23,480	$ 29,000	$ 126,000
PUBLIC WATER SYSTEM FEE	$ -	$ -	$ -	$ -	$ 50,000
TOTAL OPERATING EXPENSES	$ 10,430,882	$ 12,404,650	$ 10,563,606	$ 13,809,035	$ 14,404,506
DEPRECIATION & AMORTIZATION	$ 5,510,405	$ 5,803,915	$ 6,084,397	$ 6,084,315	$ 6,125,315
RDA TAX INCREMENT	$ 1,528,826	$ 1,380,000	$ 1,575,000	$ 1,575,000	$ 1,650,000
	$ 7,039,231	$ 7,183,915	$ 7,659,397	$ 7,659,315	$ 7,775,315
DEBT SERVICE					
2013 GO Bond P & I PMTS	$ 698,586	$ 701,000	$ 695,550	$ 696,000	$ 696,001
2017 GO Bond	$ 944,252	$ 947,200	$ 944,269	$ 944,700	$ 943,350
2019 GO Bond	$ 527,068	$ 530,000	$ 525,629	$ 526,200	$ 523,442
2007C Revenue Bond	$ 292,160	$ 293,000	$ 291,620	$ 291,700	$ 292,100
Capitilized Lease Payments	$ 126,015	$ 127,500	$ 124,222	$ 124,533	$ 304,095
2003 Water Resource Loan Pmt	$ 53,327	$ 54,000	$ 53,315	$ 53,400	$ 53,300
TOTAL DEBT SERVICE	$ 2,641,408	$ 2,652,700	$ 2,634,605	$ 2,636,533	$ 2,812,288
TOTAL EXPENSES	$ 20,111,521	$ 22,241,265	$ 20,857,608	$ 24,104,883	$ 24,992,109
NET REVENUES INCL DEPRECIATION	$ 5,392,328	$ 9,549,058	$ (234,041)	$ 2,077,556	$ (4,003,184)
ADD BACK DEPRECIATION & LESS AMORTIZATION	$ 5,510,405	$ 5,803,915	$ 6,084,397	$ 6,084,315	$ 6,125,315
NET OPERATING REVENUES AVAILABLE FOR EQUIPMENT PURCHASES AND INFRASTRUCTURE IMPROVEMENTS/ADDITIONS	$ 10,902,733	$ 15,352,973	$ 5,850,356	$ 8,161,871	$ 2,122,131

MAGNA WATER DISTRICT
2026 TENTATIVE BUDGET

WATER DIVISION

	2024 ACTUAL	2024 BUDGET	2025 ESTIMATED YEAR END	2025 BUDGET	2026 TENTATIVE BUDGET
WATER REVENUE					
WATER SALES	$ (5,434,674)	$ (4,724,495)	$ (5,557,783)	$ (5,121,703)	$ (5,500,000)
PUBLIC WATER SYSTEM FEE	$ -	$ -	$ -	$ -	$ (50,000)
WATER METER SET	$ 26,880	$ (150,000)	$ (25,934)	$ (150,000)	$ (30,000)
WATER INSPECTION	$ (41,954)	$ (50,000)	$ (116,587)	$ (52,000)	$ (80,000)
WATER BUY-IN	$ (338,774)	$ (346,060)	$ (238,299)	$ (350,000)	$ (300,000)
WATER IMPACT FEE	$ (1,663,671)	$ (1,640,000)	$ (482,465)	$ (1,640,000)	$ (1,050,000)
INCOME CONTRIBUTED CAPITAL	$ (984,909)	$ (1,800,000)	$ (800,000)	$ (1,500,000)	$ (635,000)
METER TAMPERING FEE	$ (400)	$ (1,000)	$ (1,200)	$ (1,000)	$ (800)
FEES (DELINQUENT ACCTS)	$ (7,444)	$ (4,000)	$ (8,580)	$ (5,000)	$ (8,000)
OTHER OPER. INCOME-WATER	$ (116,859)	$ (75,000)	$ (137,044)	$ (75,000)	$ (130,000)
PROPERTY TAX REVENUE (CERTIFIED RATE)	$ (1,699,719)	$ (1,583,454)	$ (1,600,297)	$ (1,600,297)	$ (1,459,365)
PROPERTY TAX REVENUE (CDRA INCREMENT)	$ (663,816)	$ (590,000)	$ (650,000)	$ (650,000)	$ (700,000)
PROPERTY TAX REVENUE (MV REVENUE)	$ (86,538)	$ (90,000)	$ (90,000)	$ (90,000)	$ (110,000)
PROPERTY TAX REVENUE (MISC REDEMPTIONS, ETC)	$ (26,793)	$ (40,000)	$ (50,000)	$ (50,000)	$ (35,000)
GAIN ON SALE OF ASSETS	$ 211,442	$ (6,000,000)	$ -	$ (6,000,000)	$ -
INDUSTRY COST SHARE INCOME	$ (298,954)	$ (190,000)	$ (275,000)	$ (322,677)	$ (300,000)
OTHER NON-OPERATING INCOM	$ -	$ (5,000)	$ -	$ (5,000)	$ -
GRANT MONIES	$ (3,860,000)	$ (5,935,000)	$ (60,000)	$ -	$ (35,000)
TOTAL WATER REVENUE	$ (14,986,183)	$ (23,224,009)	$ (10,093,189)	$ (17,612,677)	$ (10,423,165)
WATER EXPENDITURES					
SALARIES AND BENEFITS:					
SALARIES - WATER	$ 1,060,773	$ 1,131,000	$ 1,120,342	$ 1,165,000	$ 1,190,000
PAYROLL TAXES	$ 95,771	$ 110,000	$ 95,999	$ 110,000	$ 110,000
EMPLOYEE FRINGE BENEFITS	$ 411,519	$ 440,000	$ 415,692	$ 455,000	$ 450,000
EMPLOYEE HEALTH & WELLNESS PROGRAM	$ 2,038	$ 4,800	$ 625	$ 4,800	$ 4,000
TOTAL SALARIES AND BENEFITS	$ 1,570,101	$ 1,685,800	$ 1,632,658	$ 1,734,800	$ 1,754,000
PUBLIC WATER SYSTEM FEE	$ -	$ -	$ -	$ -	$ 50,000
ENGINEERING (SEE PAGE 25 & 26 FOR DETAIL)	$ 169,009	$ 190,000	$ 82,739	$ 120,000	$ 227,000
MAINTENANCE CONTRACTS	$ 3,425	$ 7,000	$ 6,930	$ 7,000	$ 7,000
EQUIPMENT LEASE EXPENSE	$ 25,499	$ 25,000	$ 32,643	$ 42,000	$ 38,000
JANITORIAL EDR	$ 6,504	$ 6,600	$ 6,504	$ 6,700	$ 6,700
WATER LAB & TESTING	$ 34,948	$ 52,000	$ 26,550	$ 52,000	$ 40,000
FIRST AID	$ 2,764	$ 1,500	$ 2,433	$ 3,000	$ 3,000
OTHER CONTRACTUAL SERVICE	$ 12,000	$ 12,000	$ 12,875	$ 12,000	$ 12,000
INSPECTION EXPENSE	$ 30,837	$ 5,000	$ -	$ 5,000	$ -
WATER PURCHASED	$ 364,398	$ 330,000	$ 370,602	$ 330,000	$ 390,000
REPAIRS MAINTENANCE (SEE PAGE 25 & 26 FOR DETAILS)	$ 411,382	$ 916,000	$ 454,260	$ 1,016,000	$ 1,052,640
UNIFORMS AND LINEN WATER	$ 15,529	$ 20,000	$ 17,807	$ 20,000	$ 20,000
STORMWATER FEE/EDR	$ 1,432	$ 1,600	$ 1,562	$ 1,600	$ 1,600
GARBAGE COLLECTION	$ 6,274	$ 7,500	$ 6,313	$ 7,500	$ 7,500
OFFICE SUPPLIES	$ 1,669	$ 2,000	$ 2,381	$ 2,100	$ 3,000
OFFICE EQUIPMENT	$ 226	$ 5,000	$ 4,452	$ 5,000	$ 5,000
QUESTAR GAS	$ 40,919	$ 65,000	$ 34,475	$ 65,000	$ 45,000
ROCKY MOUNTAIN POWER	$ 564,101	$ 550,000	$ 668,096	$ 650,000	$ 720,000
CHEMICALS WATER PLANT	$ 111,722	$ 103,000	$ 97,858	$ 115,000	$ 110,000
TELEPHONE/DATA SERVICES	$ 14,864	$ 8,000	$ 15,188	$ 15,500	$ 17,000
PERFORMANCE & EVALUATION	$ -	$ 6,600	$ 6,600	$ 6,600	$ -
CELLULAR - PHONES SERVICE	$ 9,168	$ 10,000	$ 9,288	$ 10,000	$ 9,500
DEPRECIATION-WATER UTILTY	$ 2,725,248	$ 2,800,000	$ 2,800,000	$ 2,800,000	$ 2,985,000
VEHICLE/EQUIPMENT GAS & REPAIR	$ 66,756	$ 80,000	$ 65,146	$ 80,000	$ 75,000
CONSERVATION	$ -	$ 35,000	$ -	$ 35,000	
SAFETY & TRAINING	$ 28,458	$ 85,000	$ 25,850	$ 60,000	$ 35,000
DUES, MEMBERSHIPS	$ 2,885	$ 6,000	$ 5,030	$ 6,000	$ 6,000
BAD DEBTS	$ 14,045	$ 15,000	$ 27,205	$ 15,000	$ 35,000
INSURANCE	$ 114,005	$ 100,000	$ 112,588	$ 110,000	$ 130,000
MISC. OPERATING EXPENSE	$ 2,810	$ 5,000	$ 3,332	$ 5,000	$ 5,000
EDR MAINTENANCE	$ 159,732	$ 600,000	$ 154,920	$ 380,000	$ 300,000
EDR CHEMICALS	$ 32,989	$ 45,000	$ 48,250	$ 45,000	$ 45,000
EDR SAMPLING	$ 6,530	$ 6,000	$ 4,223	$ 7,000	$ 6,000
TOTAL OPER EXPENDITURES & SALARIES	$ 6,550,229	$ 7,786,600	$ 6,738,758	$ 7,769,800	$ 8,140,940
NON OPERATING & BONDING EXPENSES:					
CDRA PROPERTY TAX EXPENSE	$ 663,816	$ 590,000	$ 650,000	$ 650,000	$ 700,000
AMORTIZ OF PREMIUM DISC 2013	$ (8,196)	$ (8,200)	$ (8,196)	$ (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)	$ (11,096)	$ (11,100)	$ (11,100)
LEASE INTERST EXPENSE	$ 19,323	$ 20,000	$ 16,834	$ 16,850	$ 11,205
INTEREST EXP 2007 REV BOND	$ 59,160	$ 60,000	$ 55,620	$ 55,700	$ 52,100
INTEREST EXP 2013 BOND 48.22%	$ 35,483	$ 37,000	$ 26,786	$ 27,000	$ 17,360

MAGNA WATER DISTRICT
2026 TENTATIVE BUDGET

WATER DIVISION

	2024 ACTUAL	2024 BUDGET	2025 ESTIMATED YEAR END	2025 BUDGET	2026 TENTATIVE BUDGET
INTEREST EXPENSE 2017 GO BOND	$ 105,557	$ 107,000	$ 97,667	$ 98,000	$ 89,500
INTEREST EXP FOR 2019 BOND	$ 65,392	$ 66,000	$ 60,201	$ 60,200	$ 54,773
OTHER NON-OPERATING EXPNS	$ 592	$ 3,000	$ 444	$ 3,000	$ 1,000
TOTAL NON OPERATING (REV) & EXP	$ 916,303	$ 849,900	$ 874,532	$ 877,650	$ 892,838
NET REVENUE OVER EXPENDITURES	$ (7,519,651)	$ (14,587,509)	$ (2,479,899)	$ (8,965,227)	$ (1,389,387)

Cash Flow Projection
2026 TENTATIVE BUDGET

WATER DIVISION

Projected 2025 Ending Net Income	$	1,389,387
Less Administrative Portion	$	(1,379,542)
Subtotal	$	9,845
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 budgeted taxes in 2026	$	(1,459,365)
Add Back O & M amount of 2026 taxes	$	804,630
Add back 2025 collected money for pmts pd in 2026	$	657,306
Add back 2026 coll prin Bond pmts for 2026 on 2019 Bond	$	177,016
Add Back Funded Depreciation	$	2,985,000
Administration Portion of Depr	$	289,135
Back Out Impact Fees	$	(1,050,000)
Back Out Contributed Capital	$	(635,000)
Bond Principal Payments		
LRCI NEW LOAN (800000 @20 YRS @2%)	$	(38,000)
2013 GO Bond (660000 * .4822)	$	(318,252)
2017 GO Bond (660000* .3158)	$	(208,428)
2019 GO Bond (350000 * .3158)	$	(110,530)
2007C Revenue Bond	$	(240,000)
Capitilized Lease Payments	$	(154,215)
Portion of Admin Cap Lease Pmts ($52735 X .5257)	$	(27,723)
Estimated Cash Available Cap Acq	$	648,319

District Water Capital Facility Improvements
for the Year Ending December 31, 2026
2026 TENTATIVE BUDGET

WATER DIVISION	Existing	Future	Reserves	Bond Funds/Grants	Total
Meter Replacement Program	$ 650,000				$ 650,000
Waterline Replacement 9100 W-2700 S to 3150 S Merton Wy, 3000 S to 2810 S - Master plan projects CF-5 Design Only	$ 70,000				$ 70,000
Culinary Waterline Replacement Project Master Plan Project CMC-1 (8800 W 3100 S to 2600 S Pipe Upsize)	$ 2,500,000				$ 2,500,000
Truck Garage	$ 950,000				$ 950,000
Zone 1 Tank Preliminary Design UPRR Property, split property, zoning changes, prelim design	$ 100,000				$ 100,000
EDR Finish and Feed Tanks (Construction & CM)	$ 4,400,000				$ 4,400,000
Tank Painting (Interior & Exterior)	$ 875,000				$ 875,000
AMI Metering Equipment (One gateway, tower, power)	$ 21,000				$ 21,000
EDR Stack Replacement	$ 530,708				$ 530,708
EDR Additional Diesel Con Vault	$ 32,000				$ 32,000
Shop Bathroom Upgrade	$ 30,000				$ 30,000
2nd Service Struck (Equipped with Tools)	$ 100,000				$ 100,000
Tire Changer & Balancer	$ 6,000				$ 6,000
Lead & Copper Replacement Lines	$ 4,000,000				$ 4,000,000
General Administrative Capital Facilities Projects (130000* .5257)	$ 68,341				$ 68,341
Totals	$ 14,333,049	$ -	$ -	$ -	$ 14,333,049

MAGNA WATER DISTRICT
2026 TENTATIVE BUDGET

SEWER DIVISION

	2024 ACTUAL	2024 BUDGET	2025 ESTIMATED YEAR END	2025 BUDGET	2026 TENTATIVE BUDGET
SEWER REVENUE					
SEWER SERVICE CHARGES	$ (5,223,698)	$ (4,753,188)	$ (5,638,978)	$ (5,097,038)	$ (6,000,000)
SEWER INSPECTION	$ (54,978)	$ (62,400)	$ (184,855)	$ (65,000)	$ (120,000)
SEWER BUY-IN	$ (501,309)	$ (650,000)	$ (563,666)	$ (625,000)	$ (535,000)
SEWER IMPACT FEE	$ (442,658)	$ (450,000)	$ (420,986)	$ (450,000)	$ (450,000)
INCOME CONTRIBUTED CAPITAL	$ (692,455)	$ (1,000,000)	$ (800,000)	$ (1,000,000)	$ (700,000)
PROPERTY TAX REVENUE (CERTIFIED RATE)	$ (1,690,282)	$ (1,574,785)	$ (1,649,962)	$ (1,649,962)	$ (1,487,537)
PROPERTY TAX REVENUE (CDRA INCREMENT)	$ (660,147)	$ (590,000)	$ (650,000)	$ (650,000)	$ (700,000)
PROPERTY TAX REVENUE (MV REVENUE)	$ (86,046)	$ (98,000)	$ (98,000)	$ (98,000)	$ (85,000)
PROPERTY TAX REVENUE (MISC REDEMPTIONS, ETC)	$ (26,628)	$ (40,000)	$ (60,000)	$ (60,000)	$ (35,000)
GAIN ON SALE OF ASSETS	$ -	$ (190,000)	$ -	$ (5,000)	$ -
GRANT MONIES	$ (990,000)	$ (990,000)	$ (15,000)	$ -	$ -
OTHER NON-OPERATING/OPERATING INCOME	$ (34,837)	$ (1,000)	$ (30,000)	$ (1,000)	$ (30,000)
TOTAL SEWER REVENUE	$ (10,403,038)	$ (10,399,373)	$ (10,111,447)	$ (9,701,000)	$ (10,142,537)
SEWER EXPENDITURES					
SALARIES - SEWER	$ 790,034	$ 1,000,000	$ 760,787	$ 1,000,000	$ 975,000
PAYROLL TAXES	$ 74,847	$ 100,000	$ 71,217	$ 100,000	$ 95,000
EMPLOYEE FRINGE BENEFITS	$ 304,564	$ 400,000	$ 308,649	$ 400,000	$ 355,000
EMPLOYEE HEALTH & WELLNESS PROGRAM	$ 2,567	$ 3,600	$ 625	$ 3,600	$ 3,000
TOTAL SALARIES AND BENEFITS	$ 1,172,012	$ 1,503,600	$ 1,141,278	$ 1,503,600	$ 1,428,000
ENGINEERING (SEE PAGE 25 & 26 FOR DETAILS)	$ 221,972	$ 270,000	$ 69,594	$ 30,000	$ 87,500
JANITORIAL WWTP ADMIN	$ 4,507	$ 4,600	$ 4,200	$ 4,800	$ 4,700
SEWER LAB & TESTING	$ 72,226	$ 59,000	$ 63,970	$ 75,000	$ 68,000
FIRST AID & SAFETY	$ 3,145	$ 1,500	$ 1,567	$ 2,000	$ 2,500
OTHER CONTRACTUAL SERVICE	$ 12,275	$ 12,000	$ 14,143	$ 12,275	$ 12,000
INSPECTION EXPENSE	$ 10,986	$ 5,000	$ -	$ 10,000	$ -
REPAIRS MAINTENANCE-SEWER (SEE PAGE 25 & 26 FOR DETAILS)	$ 752,542	$ 750,000	$ 852,256	$ 1,650,000	$ 1,723,000
SLUDGE REMOVAL	$ 166,251	$ 180,000	$ 173,535	$ 180,000	$ 195,000
UNIFORMS AND LINEN SEWER	$ 17,480	$ 26,000	$ 16,338	$ 26,000	$ 20,000
GARBAGE COLLECTION	$ 23,903	$ 40,000	$ 25,127	$ 40,000	$ 35,000
OFFICE SUPPLIES	$ 3,924	$ 5,000	$ 2,574	$ 5,000	$ 4,000
OFFICE EQUIPMENT	$ 5,133	$ 5,000	$ 10,106	$ 5,000	$ 5,000
QUESTAR GAS	$ 60,942	$ 85,000	$ 46,200	$ 83,000	$ 52,000
ROCKY MTN POWER	$ 363,459	$ 330,000	$ 434,611	$ 375,000	$ 500,000
CHEMICALS - SEWER	$ 307,190	$ 387,000	$ 358,112	$ 387,000	$ 365,000
TELEPHONE/DATA SERVICES	$ 7,389	$ 10,000	$ 7,156	$ 7,000	$ 8,000
PERFORMANCE & EVALUATION	$ -	$ 7,200	$ 7,200	$ 7,200	$ -
CELLULAR - PHONES SERVICE	$ 10,485	$ 19,000	$ 15,165	$ 15,000	$ 18,000
DEPRECIATION-SEWER UTILTY	$ 1,701,384	$ 1,950,000	$ 1,950,000	$ 1,950,000	$ 1,850,000
VEHICLE/EQUIP GAS & REPAIRS	$ 45,702	$ 75,000	$ 47,106	$ 75,000	$ 55,000
TRAINING & SAFETY	$ 28,472	$ 95,000	$ 18,309	$ 65,000	$ 30,000
DUES, MEMBERSHIPS	$ 1,173	$ 2,000	$ 1,197	$ 2,000	$ 2,000
BAD DEBTS	$ 1,373	$ 2,000	$ 19	$ 2,000	$ 2,000
INSURANCE	$ 97,907	$ 89,000	$ 108,859	$ 150,000	$ 130,000
MISC. OPERATING EXPENSE	$ 1,940	$ 5,000	$ 3,741	$ 5,000	$ 5,000
TOTAL OPERATING EXPENDITURES & SALARIES	$ 5,093,772	$ 5,917,900	$ 5,372,363	$ 6,666,875	$ 6,601,700
NON OPERATING & BONDING EXPENSES:					
CDRA PROPERTY TAX EXPENSE	$ 660,147	$ 590,000	$ 650,000	$ 650,000	$ 700,000
AMORT ON 2013 BOND PREMIUM	$ (8,801)	$ (9,000)	$ (8,801)	$ (8,801)	$ (8,801)
AMORT ON 2017 BOND PREMIUM	$ (18,857)	$ (19,000)	$ (18,857)	$ (18,857)	$ (18,857)
AMORT ON 2019 BOND PREMIUM	$ (15,242)	$ (15,300)	$ (15,242)	$ (15,242)	$ (15,242)
LEASE INTERST EXPENSE	$ 9,584	$ 10,000	$ 8,349	$ 8,400	$ 5,600
INTEREST EXP 2013 BOND 51.78%	$ 38,103	$ 39,000	$ 28,764	$ 29,000	$ 18,641
INTEREST EXP 2017 BOND	$ 144,998	$ 146,000	$ 134,161	$ 134,200	$ 122,900
INTEREST EXP 2019 BOND	$ 89,826	$ 91,000	$ 82,695	$ 83,000	$ 75,239
OTHER NON-OPER EXPNS/NO FAULT RESERVE	$ 5,465	$ 40,000	$ 364	$ 1,000	$ 100,000
TOTAL NON OPERATING (REV) & EXP	$ 905,223	$ 872,700	$ 861,433	$ 862,700	$ 979,480
NET REVENUE OVER EXPENDITURES	$ (4,404,043)	$ (3,608,773)	$ (3,877,651)	$ (2,171,425)	$ (2,561,357)

Cash Flow Projection
2026 TENTATIVE BUDGET

SEWER DIVISION

Projected 2026 Ending Net Income	$	2,561,357
Less Administrative Portion	$	(1,075,397)
Subtotal	$	1,485,960
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 budgeted taxes in 2026	$	(1,487,537)
Add Back O & M amount of 2026 taxes	$	637,521
Add back 2025 collected money for pmts pd in 2026	$	799,520
Add back 2026 coll prin Bond pmts for 2026 on 2019 Bond	$	243,160
Add Back Funded Depreciation	$	1,850,000
Administration Portion Depr	$	225,390
Back Out Impact Fees	$	(450,000)
Back Out contributed Capital	$	(700,000)
Bond Principal Payments		
2013 GO Bond Payment (660000 * .5178)	$	(341,748)
2017 GO Bond Payment (660000 * .4338)	$	(286,308)
2019 GO Bond Payment (350000 * .4338)	$	(151,830)
Capital Lease Payments	$	(76,490)
Portion of Administrative Capital Lease Pmts ($52735 X .4098)	$	(21,611)
Estimated Cash Available for Capital Acquisitions	$	1,683,127

District Sewer Capital Facility Improvements
for the Year Ending December 31, 2026
2026 TENTATIVE BUDGET

SEWER DIVISION

	Existing	Future	Reserves	Bond Funds/Grants	Total
Plant Sensors & Instrumentation	$ 87,000				$ 87,000
Press Building Modifications	$ 1,000,000				$ 1,000,000
West Side Collection Project 2 (Construction & CMS) 9200 West Trunk, Reach1	$ 82,350	$ 4,417,650			$ 4,500,000
8400 W Upsize and Various Manhole Replacement Upsize Main St to SR201 South Frontage Rd	$ 45,750	$ 2,454,250			$ 2,500,000
West Side Collection Project 3 (Design & Bidding) SR 201 - 8000 W to 8400 W	$ 5,490	$ 294,510			$ 300,000
Change House/Operations Headquarters WRF/Collections Crew Chang eHouse and WRF Office	$ 1,750,000				$ 1,750,000
Vactor Truck Replacement	$ 295,000				$ 295,000
Lawn Mower	$ 15,000				$ 15,000
Sludge Hauling Trailer (Needed due to ET site Shutdown)	$ 138,000				$ 138,000
Huber Rebuild - Recommended every 8 years Installed in 2007 - 2009	$ 50,000				$ 50,000
Security Cameras for New Facilities at Treatment Plant	$ 10,000				$ 10,000
General Administrative Capital Facilities Projects (130000* .4098)	$ 53,274				$ 53,274
Totals	$ 3,531,864	$ 7,166,410	$ -	$ -	$ 10,698,274

MAGNA WATER DISTRICT
2026 TENTATIVE BUDGET

ADMINISTRATION DIVISION

	2024 ACTUAL	2024 BUDGET	2025 ESTIMATED YEAR END	2025 BUDGET	2026 TENTATIVE BUDGET
ADMINISTRATION REVENUE					
ENGINEERING REVENUE - SUBDIVIS	$ (31,210)	$ (20,000)	$ (78,866)	$ (85,000)	$ (75,000)
NON RESIDENT FEES	$ (151,032)	$ (150,000)	$ (176,411)	$ (140,000)	$ (155,000)
INTEREST INCOME-INVESTMS	$ (2,056,610)	$ (1,300,000)	$ (1,181,526)	$ (1,800,000)	$ (1,000,000)
GAIN ON SALE OF ASSETS	$ (126,802)	$ -	$ (320)	$ -	$ -
UNREALIZED GAIN ON INVESTMENTS	$ (3,166)	$ (30,000)	$ -	$ -	$ -
OTHER NON-OPERATING INCOM	$ (9,640)	$ (5,000)	$ (8,027)	$ (5,000)	$ (9,000)
TOTAL ADMIN REVENUE	$ (2,378,460)	$ (1,505,000)	$ (1,445,150)	$ (2,030,000)	$ (1,239,000)
ADMINISTRATION EXPENDITURES					
SALARIES AND BENEFITS:					
TRUSTEE COMPENSATION	$ 10,000	$ 15,000	$ 10,000	$ 15,000	$ 15,000
SALARIES-OFFICE	$ 305,956	$ 280,000	$ 254,092	$ 325,000	$ 180,000
SALARIES - MANAGEMENT	$ 920,313	$ 990,000	$ 998,904	$ 1,000,000	$ 1,225,000
OFFICE - PAYROLL TAXES	$ 15,993	$ 22,000	$ 17,693	$ 28,000	$ 16,000
MANAGEMENT - PR TAXES	$ 87,098	$ 82,000	$ 85,473	$ 87,000	$ 99,000
FRINGE BENEFITS - OFFICE	$ 164,975	$ 123,000	$ 130,497	$ 162,000	$ 97,000
OPEB EXPENSE	$ 172,652	$ 300,000	$ 300,000	$ 300,000	$ 310,000
MANAGEMENT FRINGE BENEFITS	$ 801,062	$ 528,000	$ 476,819	$ 460,000	$ 620,000
EMPLOYEE HEATH & WELLNESS PROGRAM	$ 1,812	$ 1,200	$ 625	$ 1,200	$ 1,000
TOTAL SALARIES AND BENEFITS	$ 2,479,861	$ 2,341,200	$ 2,274,103	$ 2,378,200	$ 2,563,000
LEGAL EXPENSE	$ 34,180	$ 60,000	$ 42,122	$ 45,000	$ 45,000
PAYROLL PROCESSING SERVICE	$ 1,472	$ 2,000	$ 1,907	$ 2,000	$ 2,000
ACCOUNTING AND AUDITING	$ 18,750	$ 35,000	$ 30,000	$ 35,000	$ 25,000
HUMAN RESOURCES	$ 1,919	$ -	$ 3,781	$ 2,110	$ 5,000
ENGINEERING SERVICES (SEE PAGE 25 & 26 FOR DETAILS)	$ 22,425	$ 128,000	$ 97,283	$ -	$ 9,000
ENGINEERING EXP - SUBDIVISIONS	$ -	$ 2,000	$ -	$ -	$ -
DATA PROCESSING (includes Yoppify) (1st year My360)	$ 28,351	$ 15,000	$ 35,938	$ 25,000	$ 61,800
DATA PROC.MAINT. SERVICE	$ 46,755	$ 60,000	$ 42,191	$ 66,000	$ 50,000
JANITORIAL GENERAL OFFICE	$ 8,140	$ 8,000	$ 7,977	$ 8,500	$ 8,500
FIRST AID & SAFETY	$ 818	$ 2,000	$ 953	$ 2,000	$ 1,500
OTHER CONTRACTUAL SERVICE	$ -	$ 2,000	$ 225	$ 2,000	$ 1,000
WEB DEVELOPMENT	$ 231	$ 1,000	$ 91	$ 1,000	$ 1,000
REPAIR AND MAINT - OFFICE	$ 72,733	$ 100,000	$ 37,775	$ 75,000	$ 75,000
OFFICE RUGS & UNIFORMS	$ 3,753	$ 3,000	$ 5,454	$ 3,000	$ 7,000
OFFICE SUPPLIES	$ 13,243	$ 4,000	$ 8,478	$ 5,000	$ 15,000
OFFICE EQUIPMENT	$ 12,033	$ 10,000	$ 4,717	$ 10,000	$ 10,000
POSTAGE/3RD PARTY BILLING PROCESS	$ 80,168	$ 80,000	$ 78,217	$ 85,000	$ 85,000
ROCKY MTN POWER	$ 2,144	$ 5,000	$ 2,668	$ 5,000	$ 5,000
QUESTAR	$ 4,839	$ 8,000	$ 3,869	$ 8,000	$ 6,000
TELEPHONE/DATA SERVICES	$ 22,004	$ 36,400	$ 20,449	$ 25,000	$ 25,000
PERFORMANCE & EVALUATION	$ -	$ 6,000	$ 6,000	$ 6,000	$ -
CELLULAR - PHONES SERVICE	$ 7,630	$ 10,000	$ 9,159	$ 8,500	$ 10,500
DEPRECIATION - GEN. PLANT	$ 472,505	$ 525,000	$ 500,000	$ 500,000	$ 550,000
VEHICLE GAS & REPAIRS	$ 5,708	$ 15,000	$ 8,538	$ 8,000	$ 9,000
TRAINING	$ 52,743	$ 80,000	$ 39,537	$ 70,000	$ 47,000
DUES, MEMBERSHIPS	$ 17,478	$ 25,000	$ 20,674	$ 25,000	$ 25,000
INSURANCE	$ 13,370	$ 15,000	$ 14,008	$ 17,000	$ 17,000
ELECTRONIC ARCHIVING	$ 6,612	$ 10,000	$ -	$ 5,000	$ 5,000
ADVERTISING & PUBLIC RELA	$ 1,052	$ 9,000	$ 13,000	$ 5,000	$ 9,000
MISC. OPERATING EXPENSE	$ 4,540	$ 5,000	$ 2,227	$ 7,000	$ 6,000
CASH SHORTAGE/OVERAGE	$ 30	$ 50	$ (140)	$ 50	$ 50
TOTAL OPERATING EXP & SALARIES	$ 3,435,487	$ 3,602,650	$ 3,311,201	$ 3,434,360	$ 3,679,350
NON OPERATING & BONDING EXPENSES:					
LEASE INTEREST EXPENSE	$ 6,608	$ 7,000	$ 5,756	$ 6,000	$ 3,850
BANK SERVICE FEES	$ 133,249	$ 150,000	$ 148,453	$ 150,000	$ 155,000
OTHER NON-OPERATING EXPNS	$ 23,118	$ 25,000	$ 22,672	$ 25,000	$ 25,000
TOTAL NON OPERATING (REV) & EXP	$ 162,975	$ 182,000	$ 176,881	$ 181,000	$ 183,850
NET REVENUE OVER EXPENDITURES	$ 1,220,002	$ 2,279,650	$ 2,042,932	$ 1,585,360	$ 2,624,200

District Administrative Capital Facility Improvements
for the Year Ending December 31, 2026
2026 TENTATIVE BUDGET

ADMINISTRATION DIVISION	Existing	Future	Reserves	Bond Funds/Grants	Total
Upgrade Security Cameras including add to downstairs	$ 20,000				$ 20,000
Front Office Bullet Proof Door	$ 5,000				$ 5,000
Front Conference Room Sound Masking	$ 5,000				$ 5,000
Conservation Garden Improvements	$ 100,000				$ 100,000
Totals	$ 130,000	$ -	$ -	$ -	$ 130,000

MAGNA WATER DISTRICT
2026 TENTATIVE BUDGET

SECONDARY WATER DIVISION

	2024 ACTUAL	2024 BUDGET	2025 ESTIMATED YEAR END	2025 BUDGET	2026 TENTATIVE BUDGET
SECONDARY WATER REVENUE					
SECONDARY WATER SERVICE CHARGE	$ (448,427)	$ (400,598)	$ (658,908)	$ (499,510)	$ (750,000)
SUBSIDY FROM CUL FOR SECO	$ (87,228)	$ -	$ -	$ (22,000)	$ -
SECONDARY WATER METER SET FEES	$ 40,120	$ (55,000)	$ 23,816	$ (55,000)	$ (55,000)
SECONDARY WATER INSPECTION FEES	$ (25,918)	$ (15,000)	$ (14,411)	$ (25,000)	$ (25,000)
INCOME CONTRIBUTED CAPITAL	$ (462,073)	$ (850,000)	$ (400,000)	$ (1,000,000)	$ (400,000)
PROPERTY TAX REVENUE (CERTIFIED RATE)	$ (524,501)	$ (488,642)	$ (476,490)	$ (476,490)	$ (481,224)
PROPERTY TAX REVENUE (CDRA INCREMENT)	$ (204,863)	$ (200,000)	$ (275,000)	$ (275,000)	$ (250,000)
PROPERTY TAX REVENUE (MV REVENUE)	$ (26,689)	$ (25,000)	$ (25,000)	$ (25,000)	$ (30,000)
PROPERTY TAX REVENUE (MISC REDEMPTIONS, ETC)	$ (8,246)	$ (15,000)	$ (15,000)	$ (15,000)	$ (9,500)
GAIN ON SALE OF ASSETS	$ -	$ -	$ -	$ -	$ -
GRANT MONIES	$ (234,109)	$ (350,000)	$ (24,012)	$ (35,000)	$ (35,000)
OTHER NON-OPERATING INCOME	$ -	$ -	$ (12,227)	$ -	$ (12,000)
TOTAL SECONDARY WATER REVENUE	$ (1,981,934)	$ (2,399,240)	$ (1,877,232)	$ (2,428,000)	$ (2,047,724)
SECONDARY OPERATING EXPENSES					
ENGINEERING (SEE PAGE 25 & 26 FOR DETAILS)	$ -	$ 40,000	$ -	$ -	$ 22,216
INSPECTION EXPENSE	$ 16,552	$ 5,000	$ -	$ 5,000	$ -
REP & MAINT - SECONDARY (SEE PAGE 25 & 26 FOR DETAILS)	$ 43,590	$ 75,000	$ 187,079	$ 970,000	$ 1,030,000
FUEL & POWER	$ 24,974	$ 30,000	$ 28,807	$ 30,000	$ 30,000
DEPRECIATION	$ 706,871	$ 625,000	$ 930,000	$ 930,000	$ 836,000
BAD DEBTS	$ 42	$ 500	$ 7	$ 300	$ 300
INSURANCE	$ 2,949	$ 4,000	$ 3,458	$ 3,700	$ 4,000
TOTAL OPERATING EXP	$ 794,978	$ 779,500	$ 1,149,351	$ 1,939,000	$ 1,922,516
NON OPERATING & BONDING EXPENSES:					
CDRA PROPERTY TAX EXPENSE	$ 204,863	$ 200,000	$ 275,000	$ 275,000	$ 250,000
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	$ 83,697	$ 84,200	$ 77,441	$ 77,500	$ 70,950
INTEREST EXPENSE 2019 BOND	$ 51,850	$ 53,000	$ 47,733	$ 48,000	$ 43,430
INTEREST EXPENSE WATER RESOURCE LOAN	$ 2,327	$ 3,000	$ 1,815	$ 1,900	$ 1,300
TOTAL NON OPERATING (REV) & EXP	$ 323,054	$ 320,515	$ 382,306	$ 382,715	$ 345,995
NET REVENUE OVER EXPENDITURES	$ (863,902)	$ (1,299,225)	$ (345,575)	$ (106,285)	$ 220,787

Cash Flow Projection
2026 TENTATIVE BUDGET

SECONDARY WATER DIVISION

Projected 2026 Ending Net Income	$	(220,787)
Less Administrative Portion	$	(169,261)
Subtotal	$	(390,048)
Non-cash premium on 2017 Bond	$	(10,885)
Non-cash premium on 2019 Bond	$	(8,800)
Back Out budgeted taxes in 2026	$	(481,224)
Add Back O & M amount of 2026 taxes	$	92,360
Add back 2025 collected money for pmts pd in 2026	$	247,754
Add back 2026 coll prin Bond pmts for 2026 (2019 Bond)	$	140,358
Add Back Funded Depreciation	$	836,000
Administration Portion Depr	$	35,475
Back Out contributed Capital	$	(400,000)
Bond Principal Payments		
2017 GO Bond (660000 * .2504)	$	(165,264)
2019 GO Bond (350000 * .2504)	$	(87,640)
WATER RESOURCE LOAN	$	(52,000)
Portion of Administrative Capital Lease Pmts ($52735 X .0645)	$	(3,401)
Estimated Cash Available for Capital Acquisitions	$	(247,315)

District Secondary Water Capital Facility
Improvements for the Year Ending December 31, 2026
2026 TENTATIVE BUDGET

SECONDARY WATER DIVISION

	Existing	Future	Reserves	Bond Funds/Grants	Total
Shallow Well Property (Gabler's Grove)	$ 100,000				$ 100,000
Shallow Well Preliminary Design (Gabler's Grove)	$ 60,000				$ 60,000
Secondary Water Line - 3100 S (Construction & CMS)	$ 579,000	$ 921,000			$ 1,500,000
Secondary Water Line - 7200 W (Construction & CMS)	$ 347,400	$ 552,600			$ 900,000
8000 W Secondary Water Line Extension (in conjunction with SLCo 8000 W Roadway Project)	$ 400,000				$ 400,000
Secondary Water Line - Fetzer Dr & 3100 S (Design Only) (Master Plan Project SD-2)	$ 30,880	$ 49,120			$ 80,000
Secondary Additional Drain Line Installations	$ 60,000				$ 60,000
Secondary Booster Station Zone 3 Cooling	$ 50,000				$ 50,000
General Administrative Capital Facilities Projects (130000* .0645)	$ 8,385				$ 8,385
Totals	$ 1,635,665	$ 1,522,720	$ -	$ -	$ 3,158,385

BREAKDOWN OF ENGINEERING & REPAIRS & MAINTENANCE OPERATING BUDGET:

	2024 ACTUAL	2024 BUDGET	2025 ESTIMATED YEAR END	2025 BUDGET	2026 TENTATIVE BUDGET
WATER					
ENGINEERING					
ARDURRA GIS SERVICES	$ 25,694	$ 25,000	$ 24,104	$ 25,000	$ 25,000
EPIC ENGINEERING	$ 5,525	$ 35,000	$ 1,598	$ 5,000	$ 7,000
BOWEN COLLINS	$ -	$ 25,000	$ -	$ -	$ 25,000
AE2S - LEAD & COPPER	$ 38,557	$ -	$ 57,037	$ -	$ -
STANTEC CONSULTING	$ -	$ 25,000	$ -	$ -	$ 25,000
SCADA SYSTEM (DIST) Water System Operations	$ 19,557	$ 40,000	$ -	$ 40,000	$ 25,000
EDR FINISH & FEED TANK STUDY	$ 79,676	$ 40,000	$ -	$ -	$ -
GENERAL SURVEYING	$ -	$ -	$ -	$ 20,000	$ 20,000
WATER CONSERVATION REPORT	$ -	$ -	$ -	$ 10,000	$ 10,000
DRINKING WATER SOURCE PROTECTION PLAN (DWSP) UPDATE	$ -	$ -	$ -	$ 20,000	$ 40,000
GROUD WATER MANAGEMENT STUDY UPDATE	$ -	$ -	$ -	$ -	$ 50,000
TOTAL	$ 169,009	$ 190,000	$ 82,739	$ 120,000	$ 227,000
REPAIRS MAINTENANCE	$ 411,382	$ 545,000	$ 454,260	$ 581,550	$ 590,000
VALVE REPLACEMENT (ANNUAL)	$ -	$ 75,000	$ -	$ 75,000	$ 75,000
EDR PUMPS & INSPECTION REPAIR/REPLACE	$ -	$ 100,000	$ -	$ 80,000	$ -
HYDRANT REPLACEMENT ANNUAL PROJECT	$ -	$ 75,000	$ -	$ 75,000	$ 75,000
EDR SECURITY SYSTEM WELL FIELDS	$ -	$ 30,000	$ -	$ -	$ -
EDR CHEMICAL ROOM EPOXY PAINTING FLOOR	$ -	$ 21,000	$ -	$ 22,250	$ -
TRUCK SHOP MAINTENANCE BLDG AIR CONDITIONING	$ -	$ -	$ -	$ 2,200	$ 10,000
CHOP SAW	$ -	$ -	$ -	$ 2,000	$ 2,000
WEED CONTROL	$ -	$ -	$ -	$ 8,000	$ -
TEAR OUT FLUORIDE BLDG PLUMB HAYNES & BARTON	$ -	$ 70,000	$ -	$ 70,000	$ -
FACILITIES MAINTENANCE	$ -	$ -	$ -	$ -	$ 75,000
7600 LANDSCAPE	$ -	$ -	$ -	$ -	$ 100,000
BARTON 5 COOLING	$ -	$ -	$ -	$ -	$ 12,820
4100 CULINARY BOOSTER COOLING	$ -	$ -	$ -	$ -	$ 12,820
COST SHARE FOR PROJECTS BY MAGNA CITY RELOCATE FACIL	$ -	$ -	$ -	$ 100,000	$ 100,000
TOTAL	$ 411,382	$ 916,000	$ 454,260	$ 1,016,000	$ 1,052,640

	2024 ACTUAL	2024 BUDGET	2025 ESTIMATED YEAR END	2025 BUDGET	2026 TENTATIVE BUDGET
SEWER					
ENGINEERING					
ENGINEERING	$ 1,829	$ -	$ 25,604	$ -	$ 30,000
GENERAL ENGINEERING SUPPORT - STANTEC	$ 17,149	$ 25,000	$ -	$ -	
EPIC ENGINEERING	$ -	$ 25,000	$ -	$ -	$ -
BOWEN COLLINS	$ -	$ 25,000	$ -	$ -	$ -
ARDURRA GIS SERVICES	$ 25,694	$ 25,000	$ 24,104	$ 25,000	$ -
INDIGO WATER CONSULTANT	$ -	$ 10,000	$ -	$ 5,000	$ 7,500
MASTER PLAN UPDATE	$ 129,579	$ 50,000	$ 19,886	$ -	$ -
SCADA SYSTEM (DIST) Water System Operations	$ 15,433	$ -	$ -	$ -	$ -
WWTP EMERGENCY RESPONSE PLAN	$ -	$ -	$ -	$ -	$ 50,000
COLLECTION SHOP FACILITY MODIFICATION STUDY	$ -	$ 35,000	$ -	$ -	$ -
WEST HEADWORKS STUDY	$ -	$ 75,000	$ -	$ -	$ -
WW OPERATIONS BLDG MODIFICATION	$ 32,288	$ -	$ -	$ -	$ -
TOTAL	$ 221,972	$ 270,000	$ 69,594	$ 30,000	$ 87,500
REPAIRS MAINTENANCE	$ 752,542	$ 395,000	$ 553,405	$ 312,000	$ 333,000
ASPHALT OVERLAY & REPAIR AT WWTP	$ -	$ -	$ -	$ 170,000	$ 170,000
REPLACE WRF OPERATORS OFFICE SERVER AREA AC UNIT	$ -	$ -	$ -	$ 18,000	$ -
TOTAL POWER & CONTROL - SCADA SERVICES	$ -	$ 25,000	$ 16,169	$ 35,000	$ 35,000
SEWER MAIN LINE & SPOT REPAIRS	$ -	$ -	$ 200,000	$ 200,000	$ 250,000
MANHOLE LINING & REHABILITATION	$ -	$ 250,000	$ -	$ 75,000	$ 75,000
DEMOLITION OF AGING OR OBSOLETE WWTP BLDGS & INFRAS	$ -	$ -	$ -	$ 750,000	$ 750,000
ROOT CONTROL - COLLECTION LINES	$ -	$ 25,000	$ 22,210	$ 25,000	$ 25,000
SL - RAT SOUND MONITORING INVESTIGATION	$ -	$ 55,000	$ 60,472	$ 65,000	$ 65,000
HACH MAINTENANCE CONTRACT	$ -	$ -	$ -	$ -	$ 20,000
TOTAL	$ 752,542	$ 750,000	$ 852,256	$ 1,650,000	$ 1,723,000

BREAKDOWN OF ENGINEERING & REPAIRS & MAINTENANCE OPERATING BUDGET:

ADMINISTRATION	2024 ACTUAL	2024 BUDGET	2025 ESTIMATED YEAR END	2025 BUDGET	2026 TENTATIVE BUDGET
ENGINEERING					
GENERAL ENGINEERING	$ 245	$ 78,000		$ -	$ -
MASTER PLAN UPDATE - BOWEN COLLINS	$ 13,517	$ 50,000	$ 92,778	$ -	$ -
FINANCIAL ANALYSIS - FUNDING ASSISTANCE	$ 8,663	$ -	$ 4,505	$ -	$ 9,000
TOTAL	$ 22,425	$ 128,000	$ 97,283	$ -	$ 9,000

SECONDARY	2024 ACTUAL	2024 BUDGET	2025 ESTIMATED YEAR END	2025 BUDGET	2026 TENTATIVE BUDGET
ENGINEERING					
SECONDARY WATER LINE EXTENSION STUDY	$ -	$ 40,000	$ -	$ -	$ -
SECONDARY ZONE 3 BOOSTER COOLING	$ -	$ -	$ -	$ -	$ 22,216
TOTAL	$ -	$ 40,000	$ -	$ -	$ 22,216
REPAIRS MAINTENANCE	$ 43,590	$ 75,000	$ 187,079	$ 60,000	$ 60,000
DREDGING OF SECONDARY WATER RESERVOIR ZONE 1	$ -	$ -	$ -	$ 910,000	$ 970,000
TOTAL	$ 43,590	$ 75,000	$ 187,079	$ 970,000	$ 1,030,000