



**MAGNA WATER DISTRICT AGENDA  
FOR THE  
REGULAR BOARD MEETING  
AT 10:00 AM  
THURSDAY OCTOBER 14, 2021**

8885 W 3500 S, MAGNA, UT 84044

GENERAL OFFICE BUILDING

(801)250-2118

Fax(801)250-1452

***OCTOBER 14, 2021***  
***REGULAR BOARD MEETING AGENDA***  
***MAGNA WATER DISTRICT***

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MEETING DATE: October 14, 2021, 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 special board meeting held September 2, 2021
  - 2. Minutes of the regular board meeting held September 9, 2021
  - 3. Minutes of the board workshop held September 30, 2021
  - 4. Expenses for September 2 to October 6, 2021:
    - General expenses: \$651,191.48
    - Project expenses paid by bond proceeds: \$19,953.15
    - Zions Bank bond payments: \$83,575.62
  
- G. Introduction of new employees. Kirk Wachter, wastewater collections department, and Easton Fuchs, water construction department.

- H. Discussion and possible motion to approve outside wood staining bid at the General Office in the amount of \$11,979 from Peck's Painting, LLC.
- I. Discussion and possible motion to approve IGES, Inc task order for geotechnical services for the Westside Sewer Collection Study.
- J. Discussion and possible motion to schedule a workshop to continue the review of possible updates to the District's Administrative Rules & Regulations.
- K. Update on Trustee Election, November 2, 2021.
- L. Discussion and possible motion to approve Bowen Collins & Associates/Stantec task order for the Wastewater Reuse Project (design, pre-qualification, and bidding services) in the amount of \$785,374.
- M. Discussion on Haynes Well #2 Pump Repairs.
- N. Discussion on operation of Shallow Well Pumps.
- O. Discussion on WWTP preparation for winter conditions.
- P. Discussion and possible motion to approve water and sewer availability to BS Property Management located at 2340 S 7200 W.
- Q. Extend current lease of Cat 305.5E2 mini excavator for an additional year (2021-2022) for \$7,750/year.
- R. Report & Discussion from General Manager.

- S. Discussion on District's actual vs budget status as of September 30, 2021.
- T. Engineering projects update.
- U. Water Distribution /Production.
  - 1. Water production report.
  - 2. Call out report.
- V. WWTP Operation/Collection System.
  - 1. Status of sewer system.
  - 2. Call out report.
- W. Dedication of Board Room in memory of Kim Bailey.
- X. Motion to meet immediately in closed session to discuss the character, professional competence, or physical or mental health of an individual, pending or reasonably imminent litigation, and the sale or purchase of real property pursuant to Utah Code Ann. §§ 52-4-204 through 205.
- Y. Motion to close the closed meeting and re-open the public board meeting.
- Z. Consider action on any noticed agenda item discussed in closed meeting.
- Aa. Adjourn.

# **MEETING MINUTES**

**MINUTES OF THE  
WORKSHOP MEETING  
OF THE BOARD OF TRUSTEES OF  
MAGNA WATER DISTRICT**

A workshop of the Board of Trustees of the Magna Water District was held Thursday, September 30, 2021, at 10:00 a.m., at the Magna Water District General Office, Kim Bailey Board Room, located at 8885 West 3500 South, Magna, UT.

**Trustees Present:**

Mick Sudbury, Chairman  
Jeff White  
Dan Stewart

**Staff Present:**

Clint Dilley, General Manager  
LeIsle Fitzgerald, Controller  
Trevor Andra, District Engineer  
Raymond Mondragon, Water Operations Manager  
Dallas Henline, Wastewater Operations Manager, excused

**Also Present:**

Nathan Bracken, Smith Hartvigsen, PLLC

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

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

**Review and discussion of any updates to the District’s Administrative Rules &**

**Regulations:** Staff and Board reviewed each section of the AR & R’s and discussed if there were any changes that were needed to be made. The review went through section 8. Board agreed to end the meeting and schedule another workshop meeting to continue the review.

**Other Business:** Jeff White asked Dallas if the Certification Materials obtained by him has been reimbursed, Dallas indicated that his costs have been reimbursed and he and his leadman are working on gathering certification study materials to have on hand for those that need the material.

The Board discussed sending something for Paul Krauth, representative from Department of Environmental Quality, memorial services. Staff will find further information on where it can be sent.

The Board discussed contacting Kim Bailey’s family for the dedication of the board room on behalf of Kim Bailey on October 14, 2021, at 11:30 a.m. Staff will reach out to Kim’s family and find out who of Kim’s family could attend.

Clint informed the Board the new employees will be starting October 4<sup>th</sup> and 5<sup>th</sup>, 2021. The new job for the sewer collections has been posted in house and will be posted outside and will close as soon as it is filled.

Clint informed the Board there is an office employee that will be needing quite a bit of time off for surgery in November. There is an employee in the water department that just had surgery and the surgery went well, but the amount of time off could be quite a while. Management will keep the board posted.

Nathan Bracken wanted permission to get started on the draft changes that have been discussed already during the two workshops to the Administration Rules & Regulations. Board gave the approval to begin a draft of the proposed changes.

**Adjourn:** Having no further business to discuss, a motion was made by Mick Sudbury, seconded by Dan Stewart, to adjourn the meeting at 12:14 pm. The motion was approved as follows: Dan Stewart, yea, and Mick Sudbury, yea.

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Attest

\_\_\_\_\_  
Chairperson

**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 9, 2021, at 10:00 a.m., at the Magna Water District General Office, Kim Bailey Board Room, located at 8885 West 3500 South, Magna, UT.

**Trustees Present:**

Mick Sudbury, Chairman  
Jeff White  
Dan Stewart

**Staff Present:**

Clint Dilley, General Manager  
LeIsle Fitzgerald, District Controller  
Trevor Andra, District Engineer  
Raymond Mondragon, Water Operations Manager  
Dallas Henline, Wastewater Operations Manager

**Also Present:**

Nathan Bracken, Smith Hartvigsen, PLLC  
Don Olsen, Epic Engineering  
Clint Rogers, Stantec  
Dan Peay, Magna Metro Township  
Jason Luettinger, Bowen Collins & Associates  
Joel Workman, AQS, Inc.

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

**Public, Board, Staff join 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 conflicts of interest.



**Approval of Common Consent Items:**

**Minutes of the workshop held August 5, 2021:** A motion was made by Jeff White, seconded by Dan Stewart to approve the minutes of the workshop held August 5, 2021. The motion was approved as follows: Mick Sudbury, yea, Jeff White, yea, and Dan Stewart, yea.

**Minutes of the regular board meeting held August 12, 2021:** A motion was made by Jeff White, seconded by Dan Stewart to approve the minutes of the regular board meeting held August 12, 2021. The motion was approved as follows: Mick Sudbury, yea, Jeff White, yea, and Dan Stewart, yea.

**Minutes of the special board meeting held August 30, 2021:** A motion was made by Jeff White, seconded by Dan Stewart to approve the minutes of the special board meeting held August 30, 2021. The motion was approved as follows: Mick Sudbury, yea, Jeff White, yea, and Dan Stewart, yea.

**Expenses for August 9 to September 1, 2021:**

**General Expenses:** \$1,577,882.53

**Project expenses paid by bond proceeds:** \$19,119.00

**Zions Bank bond payments:** \$83,575.62

A motion was made by Jeff White for the approval of the general expenses, project expenses paid by bond proceeds, and the Zions Bank bond payment from August 9 to September 1, 2021, in the amount of \$1,577,882.53, \$19,119.00, and \$83,575.62, respectively. The motion was seconded by Dan Stewart, and approved as follows: Mick Sudbury, yea, Jeff White, yea and Dan Stewart, yea.

**Discussion and possible motion to approve LIHWAP funding agreement with Utah**

**Department of Workforce Services (DWS):** LeIsle informed the Board this is a sample of the agreement that we have been provided by Department of Workforce Services. This funding assistance will open October 1, 2021, to assist customers that are having difficulty paying for their water bills. The homeowners will be able to apply for this assistance twice during the program. The Department has not provided the District with the agreement applicable to Magna Water District yet, but there will not be many changes. Legal Counsel has reviewed the agreement and commented their concerns.

Nathan indicated he didn't have any comments on the agreement, it seems standard, and doesn't know how much discretion the District will have.

There is another meeting scheduled for September 14, 2021, that the District will be a part of. As soon as the funding program is finalized with the Department, the District will be sending out a flyer with our bills to educate our customers on this program. We will also place the information on our website as soon as it is received. There is no cost to the District to participate, but to be a part of the program, the District needs to apply as a contractor with the Department, and sign Disclosure Statements and the Agreement.

A motion was made by Jeff White, seconded by Dan Stewart, to authorize Clint Dilley to sign the agreement subject to minor changes made to make the agreement District specific. The motion was approved as follows: Mick Sudbury, yea, Jeff White, yea and Dan Stewart, yea.

**Discussion and possible motion to approve Dominion Energy Restrictive Covenants and Financial Compensation Agreement for WWTP property:** Clint informed the Board this agreement addresses the issue in which discussions have been had regarding the new pressed natural gas storage tank Dominion Energy is installing. The storage tank will be adjacent to the District's WWTP property. The District has a similar situation with ATK over pressure zones. The further away from Dominion's storage tank, the less restrictions are placed on the property. The District has two zones that will be under the restrictive covenant those zones are at the northwest corner of the WWTP property. There are specific restrictions on the property of which really don't apply to the District as far as the type of building that can be built on the property, there are some limits on how many occupants could be on the restricted property, but the District would not violate this restriction. Dominion has agreed to compensate the District for the restrictive areas, in the amount of \$202,931.33. The District requested a letter from Dominion, acknowledging, if the District ever expanded in that area, Dominion gives the District first right to approach Dominion for property in that area. Dominion Energy has provided the District an executed letter stating this. A motion was made by Jeff White, seconded by Dan Stewart, to approve the Dominion Energy Restrictive Covenants and Financial Compensation Agreement for WWTP Property. The motion was approved as follows: Mick Sudbury, yea, Jeff White, yea and Dan Stewart, yea.

**Discussion and possible motion to approve payment of 2021 UASD membership dues in the amount of \$9,761:** A motion was made by Jeff White, seconded by Dan Stewart to approve the payment of the 2021 UASD membership dues in the amount of \$9,761. The motion was approved as follows: Mick Sudbury, yea, Jeff White, yea, and Dan Stewart, yea.

**Discussion and possible motion to appoint Clint Dilley as the Member and Mick Sudbury as the Alternate Member to the UASD Board of Representatives:** LeIsle explained this appointment was for the purpose of having a voting right at the UASD conference. It allows Clint Dilley to vote for Magna Water District and if Clint Dilley is not present, it will allow Mick Sudbury to cast the vote. A motion was made by Jeff White, seconded by Dan Stewart, to approve the appointment of Clint Dilley as the Member and Mick Sudbury as the Alternate Member to the UASD Board of Representatives. The motion was approved as follows: Mick Sudbury, yea, Jeff White, yea and Dan Stewart, yea.

**Discussion and possible motion to purchase a 2021 Wells Cargo 12' enclosed trailer in the amount of \$6,399:** A motion was made by Jeff White, seconded by Dan Stewart, to approve the purchase of a 2021 Wells Cargo 12' enclosed trailer in the amount of \$6,399. The motion was approved as follows: Mick Sudbury, yea, Jeff White, yea, and Dan Stewart, yea.

**Discussion and possible motion to approve Stantec/Bowen Collins & Associates task order for WWTP Influent Project Phase 1 in the amount of \$70,000:** Trevor indicated in the last Board meeting the Board approved the engineering team of Stantec/Bowen Collins & Associates for engineering services on this project. This task order is for those services. The items included in the proposal are meeting the District's need with this project. Clint added the District is operating an old headworks, west headworks, and a new headworks, doing this is very inefficient. The old headworks has taken a lot of maintenance costs to keep functional.

The RV Dump goes to the old headworks, one of the reasons the District has had to keep the west headworks running. Clint added that he would like to explore the possibility of modifying some existing facilities to create a holding tank or something similar, to hold any dumped waste from the RV Dump until testing could be done before it is released into the wastewater plant. With this, the RV Dump could possibly be open 24/7. This is one way to address Staff's concerns regarding the RV Dump and would make our customers happy. Trevor added that part of the task order will take a high-level look at the west headworks and start a discussion of what could happen to the west headworks and existing facilities. The influent pumps are running at full capacity at times, which is the purpose of the project. Trevor feels comfortable with the amount of the task order and recommends approval. Jeff White made a motion to approve the Stantec/Bowen Collins & Associates task order for the WWTP Influent Project Phase 1, the motion was seconded by Dan Stewart, and approved as follows: Mick Sudbury, yea, Jeff White, yea, and Dan Stewart, yea.

**Discussion and possible motion to schedule a workshop to continue to review possible updates to the District's Administrative Rules & Regulations:** A motion was made by Jeff White, seconded by Dan Stewart, to schedule a workshop on Thursday, September 30, 2021, at 8:00 a.m. to continue the discussion of possible updates to the District's Administrative Rules and Regulations. The motion was approved as follows: Mick Sudbury, yea, Jeff White, yea, and Dan Stewart, yea.

**Review and discussion of the Draft Leak Response Plan Memo:** Clint explained this memo addresses some of the issues the District has experienced as far as leak response and prevention practices. There have been some challenges over the past couple of months keeping on repair of leaks and getting surface repairs done timely. Raymond, Clint, the water construction crew, and the labor union representatives have had discussions on solutions to these challenges. Raymond has contacted other District's to explore ideas on how they approach the same challenges. This memo is a summary of the background, the problems had, potential causes needing to be investigated, review of similar district responses, staffing levels and an outline of the proposals to remedy the issues. One of the proposed remedies is to establish a minimum staffing level for water crew employees that are available to leak response. When the other similar Districts were polled, it was concluded that there is an employee per connection staffing level. If Magna Water District set a staffing level based on number of connections, it would give the Board a guide as to how many employees the District should have employed in the Water Construction Department. It appeared that the District is running leaner on staffing than the others polled. When the board approved the hiring of two other water service maintenance employees, it helped with the District's ratio per connection. Another remedy proposed is to establish a criterion associated with different levels of leak response, a goal would be in place of, if there were any outstanding leaks at the end of the week, the crew would change from normal operation and go to two smaller crews till all leaks were fixed. If there were some of the same leaks that continued into a second week, there would be employees pulled from the wastewater crews and run three crews, then if further into a third week, the District could hire a contractor on an on-call basis to assist in fixing the leaks, the likelihood of this happening would be very low with this response plan. This memo puts a plan in place for leak response. Jeff suggested to approach a few contractors to have on contract just in case they are needed. Clint indicated the District does not have a leak response time in writing. Clint asked the board for permission to continue to work on establishing a reasonable response time for leak response. Board gave approval.

Raymond presented a hydrant program that would provide real time pressure monitoring and leak detection. This hydrant program would aid in monitoring our high and low zone pressures. They are made by Mueller, \$3,600 for an install kit and an annual fee of \$450/hydrant, the first year would be free. These would be very useful at certain points in our District, something that the District could use for our leak detection program. Board asked for Raymond to put together an estimate and plan of those hydrants the District could use and bring back to the Board.

**Discussion and possible motion to approve water and wastewater conference attendance for WEFTEC, UASD Fall Conference, and UGFOA Conference for operator certifications, continuing education unit credits & professional development hours:**

A motion was made by Jeff White, seconded by Dan Stewart, to approve the attendance to WEFTEC by Dallas Henline, Beau Lamper, and Trevor Andra and any board members interested, approve attendance to UASD Fall Conference by Clint Dilley, Trevor Andra, LeIsle Fitzgerald, Raymond Mondragon, Dallas Henline, and all Board Members, and to approve attendance to UGFOA Conference by LeIsle Fitzgerald. The motion was approved as follows: Mick Sudbury, yea, Jeff White, yea, and Dan Stewart, yea.

**Discussion and possible motion to approve Hansen Allen and Luce task order for Well Evaluation and Rehabilitation Services in the amount of \$20,000:** Trevor indicated Hansen Allen and Luce performed a ground water study for the District which identified several fixes throughout the well fields, one of which was Haynes well #2. This task order is geared towards assisting the District in any of the well replacements, specifically Haynes well #2, because recent issues are being experienced. Nickerson has Haynes well #2 pulled and Staff is getting ready to meet with them to review everything and create a plan of attack. This task order is based on a percentage of the cost estimate for Haynes well #2 because the full scope of the repairs is unknown. There has been discussion of testing the well, evaluating the pump, column, shafting and other things. A motion was made by Jeff White, seconded by Dan Stewart, to approve the Hansen Allen & Luce task order for Well evaluation and Rehabilitation Services in the amount of \$20,000. The motion was approved as follows: Mick Sudbury, yea, Jeff White, yea, and Dan Stewart, yea.

**Update and discussion on the District’s COVID-19 procedures:** Clint explained to the Board that he would like input from the Board regarding the District’s procedures regarding leave due to COVID-19 quarantine. There is no appetite for making mask mandates from the Utah Governor, and the District has not required mandatory wearing masks since employees have had the opportunity to get vaccinated. The District has not made the vaccination mandatory, it’s up to the employee, and doesn’t want to change to make the vaccination mandatory. If an employee ends up being quarantined due to getting the virus, and has not been vaccinated, the board feels it is only fair that the employee uses his/her own leave time for the quarantine. Clint indicated he is not interested in changing how the District is addressing COVID-19 but wanted to get the Board’s opinion on the matter. The Board felt the same as Clint and agreed with the procedures that are being followed at this time.

**Discussion on public notification of cross-control connections:** Raymond indicated to the Board the State is now requiring public notification from the District regarding cross-control connection. A flyer with this education and notification will be included with the billings that will be delivered the first of October. This is an annual requirement of the District’s now.

**Discussion and possible motion to approve water availability to Kilgore Batch Plant located at 7057 W 2100 S:** A motion was made by Jeff White, seconded by Dan Stewart, to approve water availability to Kilgore Batch Plant project located at 7057 W 2100 S. The motion was approved as follows: Mick Sudbury, yea, Jeff White, yea, and Dan Stewart, yea.

**Discussion and possible motion to approve water and sewer availability to Whitaker Construction Office located at 7581 W 2100 S:** A motion was made by Jeff White, seconded by Dan Stewart, to approve water and sewer availability for Whitaker Construction Office project located at 7581 W 2100 S. The motion was approved as follows: Mick Sudbury, yea, Jeff White, yea, and Dan Stewart, yea.

**Update on Trustee Election, November 2, 2021:** LeIsle informed the Board the final ballot for the election will consist of three candidates of which are Mick Sudbury, Jeff White, and Shawn Ron Wall, and one write-in candidate of which is Audrey Peirce.

**Report & Discussion from General Manager:**

**STAFFING:**

We are interviewing candidates for the open water and sewer collections positions.

**OPERATIONS:**

**Drought considerations:** We saved nearly 50M gallons of water in July 2021 versus July 2020. Over 50% conservation was experienced in August, which leads to a little bit of revenue concerns, but the conservation was excellent! The expenses will respectively be lower due to less water production. We only had to issue 7 notice of violation letters, which were all first-time letters, they have primarily been businesses and only one or two residential locations. Water conservation by our customers, in general, was a positive response. Raymond has been in close contact with the Utah Salt Lake Canal Company, they are still forecasting a normal shut down of October 15, 2021. If the drought continues next year, the Board will look back and say we did the right thing because we are looking at saving 200M gallons or plus of water that wasn't drawn from the District's well field, that normally would have been drawn. That should help our well levels and put the District in good position if the drought continues.

**Wastewater Treatment Operations:** Staff has developed a process model with Clint Rogers and his team that is giving the District a tool to model the treatment plant and do some predictive results based on operational changes before the changes are made in the real treatment plant. The model has helped staff get a better handle on the DO levels. Dallas added that the model is giving staff better control, and through better control efficiency will increase, and a better knowledge of what issues the plant is up against if times get hard, and staff will know how to react to certain conditions. To achieve this, there has been a lot of data collection, and strategy evaluation, for process control, but staff is making good headway and has good momentum. They know a lot more now than 5 – 6 months ago.

**Office:** The delinquent accounts in September, were 770 with an average balance of \$164, the LIHWAP program hopefully will help with this.

Clint explained there is some additional grant monies that are coming through congress, which was appropriated to the Governor's Office of Planning and Budget. Management sat in the application process and wanted to make sure the Board supported the District in chasing this money. Management feels the District will have a good chance in obtaining additional grant money. Trevor Andra will put together the applications and coordination with our consultants if needed. Management thinks it's a great opportunity to add funding towards the reuse project

and the Zone 3 secondary water pump station pipeline and reservoir projects, which would put the reuse water into a whole other additional zone. Trevor indicated the State has put together the application but is still working on some details. The grant money will be a “match” grant, but they don’t know the level of match or the specific grant amount. They received \$50,000,000 to distribute. The final details of the grant program are not worked out yet. The details will be ironed in the next legislative session in Oct – Nov time frame. They are heavily looking for projects that have other types of funding to assist with, the fact the District was awarded the Bureau’s grant puts the District in great position of receiving additional grant money from this other program.

**COMMUNICATION & MORALE:**

The District was notified by the Division of Drinking Water because EPA had notified them, that one of the District’s customers reported to the EPA that the District was falsely reporting the hardness and TDS levels of the drinking water. The customer making the complaint was kept anonymous. One of the District’s employees had gone to this customer’s home and told the customer the hardness and TDS levels were in such and such range. The customer did not believe the employee and contacted the EPA, who contacted the Division of Drinking Water. Fortunately, the District had just started a new program testing the TDS and the hardness levels, taking samples throughout the system to get a better representation of the levels throughout the distribution system. When we replied to the Division of Drinking Water with the testing levels, they were right in line with what the employee had told the customer. The Division of Drinking Water and the EPA were satisfied with the information given to the customer due to the test results of the samples. Because of this, the EPA and the Division closed out the customer complaint. The Division recommended when the District is dealing with the customers, staff should be very courteous and respectful.

**Discussion on District’s actual vs budget status as of July 31, 2021:** LeIsle indicated to the Board the overall revenue is under 2020 by about \$300,000. Due to the difference in impact fees collected and the interest income revenue. The revenue overall as of July 2021 is over budget, The expenses are well under budget but have increased compared to 2020. Detailed financials are in the Trustee packets for their review.

**Engineering projects update:**

**3500 South Project:** Trevor reported the contractor is approaching the intersection of 8000 W and 3500 S, which will be the last part of the piping being installed. They have scheduled for asphalt for September 15, 2021, after which, the project will be substantially completed. Traffic control should be pulled, and a walk-through inspection will be performed. The contractor will then wrap up some of the surface improvements, the completion of the job should be by end of October.

**Tank Painting & Clarifier Project:** The contractor has the final coat of paint done on the tanks at 3500 S. The contractor has done a great job. The clarifiers at the WWTP look good also. They have one clarifier done and the two tanks on 3500 S. They have started some work on the tanks at 4100 S.

**Segment 1a Sewer Project (30” Sewer trunk line):** Whitaker Construction is starting on this project next week. The pipeline will be going along 8000 W east and along 21<sup>st</sup> to tie into the WWTP headworks.

**Water Distribution/Production:**

- 1. Water production report:** The culinary water production for August was 198.9 million gallons, a decrease of 51.82% from 2020. Year to date production was 1,250 million gallons or 3,836.72-acre feet, this is a decrease from YTD 2020 of 10.39%. The secondary water production for August was 41 million gallons, a decrease of 64.84% from 2020. Year to date production was 254.2 million gallons or 780.33-acre feet, this is an increase from YTD 2020 of 5.89%. We have purchased 534.96-acre feet of water from Jordan Valley Water as of August 2021.
- 2. Call out report:** Raymond reported that there was a total of 12 call outs, (1 mainline leak, 6 service leaks, and 5 miscellaneous) with a total number of 68 hours paid.

**WWTP Operation/Collection System:**

- 1. Status of sewer system:** Dallas reported the wastewater collection crew is gearing up to start the overlay paving project with the County that will be in Breeze Dr and Rulon area. They have been staying busy with all the construction in the District. The construction generates a lot of blue stakes and inspections. All the collection operators took the next certification exam. Staff has talked about some of the control strategies that are being implemented at the Treatment plant for DO levels and the aeration process. They are watching the clarifier construction go up which is a great upgrade. It's been neat and interesting working with Don and his staff as that project progresses. The last new operator is taking his driving test for the CDL today. The new plant operators also took their latest certification exams. Staff has been working on updating the training manuals and putting together certification study materials. Staff has also been replacing wear and tear items on the Huber screw presses for the sludge.
- 2. Call out report:** Included with Raymond's report. There was one callout at the wastewater treatment plant.

**Motion to meet immediately in closed session to discuss the character, professional competence, or physical or mental health of an individual, pending or reasonably imminent litigation, and the sale or purchase of real property pursuant to Utah Code Ann. §§ 52-4-204 through 205:** Jeff White made a motion to meet immediately in closed session to discuss the character, professional competence, or physical or mental health of an individual, pending or reasonably imminent litigation, and the sale or purchase of real property pursuant to Utah Code Ann. 52-4-204 through 205. The motion was seconded by Dan Stewart, and approved as follows: Mick Sudbury, yea, Jeff White, yea, and Dan Stewart, yea. The open session of the Board meeting was closed at 11:45 a.m.

**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 1:09 pm. The motion was seconded by Dan Stewart, and approved as follows: Mick Sudbury, yea, Jeff White, yea, and Dan Stewart, yea.

**Consider action on any noticed agenda item discussed in closed meeting:** None

**Adjourn:** Having no further business to discuss, a motion was made by Jeff White, seconded by Dan Stewart, to adjourn the meeting at 1:10 pm. The motion was approved as follows: Dan Stewart, yea, Jeff White, yea, and Mick Sudbury, yea.

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Attest

\_\_\_\_\_  
Chairperson



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

A special meeting of the Board of Trustees of the Magna Water District was held Thursday, September 2, 2021 at 2:00 p.m., at the Magna Water District General Office, Kim Bailey Board Room, located at 8885 West 3500 South, Magna, UT.

**Trustees Present:**

Mick Sudbury, Chairman  
Jeff White  
Dan Stewart

**Staff Present:**

Clint Dilley, General Manager  
LeIsle Fitzgerald, Controller

**Also Present:**

Katy Steffey, Smith Hartvigsen, PLLC, electronically

**Call to Order:** Mick Sudbury called the meeting to order at 2:00 pm.

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

**Motion to meet immediately in closed session to discuss pending or reasonably imminent litigation pursuant to Utah Code Ann. §§ 52-4-204 through 205:** Mick Sudbury made a motion to meet immediately in closed session to discuss pending or reasonably imminent litigation pursuant to Utah Code Ann. 52-4-204 through 205. The motion was seconded by Dan Stewart, and approved as follows: Mick Sudbury, yea, Jeff White, yea, and Dan Stewart, yea. The open session of the Board meeting was closed at 2:01 p.m.

**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 3:22 pm. The motion was seconded by Dan Stewart, and approved as follows: Mick Sudbury, yea, Jeff White, yea, and Dan Stewart, yea.

**Consider action on any noticed agenda item discussed in closed meeting:** None.

**Adjourn:** Having no further business to discuss, a motion was made by Jeff White, seconded by Dan Stewart, to adjourn the meeting at 3:22 pm. The motion was approved as follows: Dan Stewart, yea, Jeff White, yea, and Mick Sudbury, yea.

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Attest

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Chairperson

# **INVOICE PAYMENTS**

**MAGNA WATER DISTRICT  
INVOICE PAYMENTS  
09/02/2021 TO 10/06/2021**

Check Issue Date	Payee	Amount	Description
9/2/2021	MRC GLOBAL	7,288.00	ACTUATOR EDR
9/2/2021	SUEZ WTS SOLUTIONS USA, INC	5,400.00	EDR MAINTENANCE AND SUPPLIES
9/2/2021	CHEMTECH-FORD	441.00	WWTP SAMPLES
9/2/2021	CHEMTECH-FORD	206.00	WWTP SAMPLES
9/2/2021	CHEMTECH-FORD	489.00	WWTP SAMPLES
9/2/2021	CHEMTECH-FORD	206.00	WWTP SAMPLES
9/2/2021	CHEMTECH-FORD	317.00	WATER SAMPLES
9/2/2021	CHEMTECH-FORD	380.00	WATER SAMPLES
9/2/2021	CHEMTECH-FORD	84.00	WATER SAMPLES
9/2/2021	CHEMTECH-FORD	300.00	WATER SAMPLES
9/2/2021	CHEMTECH-FORD	271.00	WWTP SAMPLES
9/2/2021	CHEMTECH-FORD	206.00	WWTP SAMPLES
9/2/2021	CHEMTECH-FORD	271.00	WWTP SAMPLES
9/2/2021	CHEMTECH-FORD	206.00	WWTP SAMPLES
9/2/2021	CHEMTECH-FORD	271.00	WWTP SAMPLES
9/3/2021	UTAH BROADBAND	499.00	MONTHLY BROADBAND FEE
9/7/2021	LOWE'S	52.75	HOSE FOR BOOSTER STATION
9/7/2021	MID ATLANTIC TRUST COMPANY	2,102.91	401(k)
9/7/2021	SUEZ WTS SOLUTIONS USA, INC	5,400.00	EDR MAINTENANCE AND SUPPLIES
9/7/2021	STANDARD PRINTING COMPANY	1,928.69	PROCESS OF MONTHLY BILLINGS
9/7/2021	PITNEY BOWES GLOBAL FINAN SERVICES LLC	201.38	LEASE OF POSTAGE MACHINE
9/7/2021	AMBIENTE H2O INC	759.90	SEEPEX VFD REBUILD PARTS
9/8/2021	THE LINCOLN NATIONAL LIFE	602.51	INSURANCE
9/8/2021	FERGUSON WATERWORKS #1616	741.87	SUPPLIES TO REPAIR LEAKS
9/8/2021	BECK, SCOTT	183.68	TRAVEL REIMBURSEMENT FOR DAVIS CONVENTION
9/8/2021	CAPITAL CREDIT INC.	12,244.05	WINDOW TINTING ON OFFICE WINDOWS
9/8/2021	CAPITAL CREDIT INC.	1,395.00	WINDOW TINTING ON OFFICE WINDOWS
9/8/2021	EVERGREEN BUSINESS SOLUTIONS	187.00	MAROON CHECK STOCK, REFUND CHECKS
9/8/2021	HACH COMPANY	357.06	REAGENT SET
9/8/2021	LEVERAGE IT SOLUTIONS	1,689.97	COMPUTER FOR WWTP
9/8/2021	LOUMIS CDL TESTING	220.00	DYLLAN DELOBEL CDL TEST
9/8/2021	METERWORKS	1,460.50	R900i FIRE HYDRANT METERS
9/8/2021	METERWORKS	6,552.00	3/4 PURPLE MACH10 9" LAY LENGTH METERS"
9/8/2021	MORGAN ASPHALT	370.18	ASPHALT FOR REPAIRS
9/8/2021	MORGAN ASPHALT	507.88	ASPHALT FOR REPAIRS
9/8/2021	MORGAN ASPHALT	474.72	ASPHALT FOR REPAIRS
9/8/2021	SALT LAKE COUNTY PUBLIC WORKS	200.00	CAMERONS CDL TEST
9/8/2021	SIDEWINDERS, LLC	1,015.80	REPAIR ON MOTOR
9/8/2021	RULON HARPER CONSTRUCTION, INC	179.36	GRAVEL & ROADBASE
9/8/2021	RULON HARPER CONSTRUCTION, INC	257.88	GRAVEL & ROADBASE
9/8/2021	THATCHER COMPANY	6,681.00	CHEMICALS
9/8/2021	THATCHER COMPANY	(5,000.00)	CHEMICALS
9/8/2021	THATCHER COMPANY	5,197.85	CHEMICALS
9/9/2021	REGENCE BCBS OF UTAH	14,142.94	INSURANCE
9/9/2021	BLUE TARP FINANCIAL INC.	315.57	HYDRALIC RAM FOR PUSHER TRAILER
9/9/2021	FERGUSON WATERWORKS #1616	7,163.79	STOCK FITTINGS
9/9/2021	FERGUSON WATERWORKS #1616	238.68	METER ADAPTERS & METER LID WRENCH
9/9/2021	FERGUSON WATERWORKS #1616	424.66	METER ADAPTERS & METER LID WRENCH
9/9/2021	HUBER TECHNOLOGY	2,492.30	ROLLERS, COTTER PINS, CENTER BARS
9/9/2021	PURCELL TIRE COMPANY	190.11	TIRE ON UNIT #69
9/9/2021	TEN POINT SALES & MARKETING LLC	749.57	BULLET KIT FOR SEWER CAMERA & PIGTAIL
9/10/2021	ALLSTATE	768.16	INSURANCE
9/10/2021	IPS	115.20	MONTHLY FEE FOR PAYROLL SERVICES
9/10/2021	BANKCARD CENTER	38.00	MCGEES STAMP & TROPHY
9/10/2021	BANKCARD CENTER	15.01	AR&R WORK SESSION
9/10/2021	BANKCARD CENTER	21.43	AR&R WORK SESSION
9/10/2021	BANKCARD CENTER	29.42	AMAZON - SUGGESTION BOXES
9/10/2021	BANKCARD CENTER	111.07	AMAZON - SUGGESTION BOXES
9/10/2021	BANKCARD CENTER	36.62	LUNCH FOR CREW WORKING ON LEAK REPAIRS
9/13/2021	Utah-Idaho Teamsters Security Fund	34,089.00	HEALTH & WELFARE PREMIUM UNION
9/13/2021	Western Conf Teamsters Pension	20,700.14	UNION PENSION CONTRIBUTION
9/13/2021	CINTAS CORPORATION #180	225.01	SHOP/EDR UNIFORMS AND LINENS
9/13/2021	CINTAS CORPORATION #180	295.91	WWTP UNIFORMS & LINENS
9/13/2021	CINTAS CORPORATION #180	170.20	SHOP/EDR UNIFORMS AND LINENS
9/13/2021	CINTAS CORPORATION #180	431.82	WWTP UNIFORMS AND LINENS
9/13/2021	CINTAS CORPORATION #180	329.11	WWTP LINENS AND UNIFORMS
9/13/2021	CINTAS CORPORATION #180	151.96	SHOP/EDR LINENS AND UNIFORMS
9/13/2021	CINTAS CORPORATION #180	338.87	WWTP UNIFORMS AND LINENS

**MAGNA WATER DISTRICT  
INVOICE PAYMENTS  
09/02/2021 TO 10/06/2021**

Check Issue Date	Payee	Amount	Description
9/13/2021	CINTAS CORPORATION #180	177.06	SHOP/EDR UNIFORMS AND LINENS
9/13/2021	CINTAS CORPORATION #180	101.23	OFFICE MATS
9/13/2021	UTAH ASSOCIATION OF SPECIAL	9,761.00	ASSOCIATION DUES 2022
9/14/2021	VERIZON WIRELESS	406.88	CELL PHONE SERVICE
9/14/2021	UTAH ASSOCIATION OF SPECIAL	2,070.00	2022 UASD CONVENTION FULL REGISTRATION
9/15/2021	ALLRED'S INC.	245.67	FILTERS FOR WWTP
9/15/2021	ATS	3,115.00	CHEMICALS
9/15/2021	DUKES ROOT CONTROL	9,391.20	SEWER ROOT CONTROL
9/15/2021	E.T. TECHNOLOGIES, INC	4,561.65	SLUDGE REMOVAL
9/15/2021	FASTENAL COMPANY	24.98	LOCKTITE THREAD SEALANT #112 CHOPPER PUMP @WWTP
9/15/2021	FIBERTEL	1,800.00	HYDRANT METER DEPOSIT REFUND
9/15/2021	FUEL NETWORK	6,157.27	VEHICLE GASOLINE
9/15/2021	GOLDENWEST PAINTING, INC.	225,767.31	PAINTING OF THE TANKS
9/15/2021	GRITTON & ASSOCIATES	472.00	AIR CHILLER PL PUMP FOR #5 BARTON
9/15/2021	HACH COMPANY	1,541.92	SONATAX SC SLUDGE LEV PROBE W/ PIVOT MNT, DIGT EXT. CABLE
9/15/2021	HANSEN ALLEN & LUCE, INC.	977.24	MAGNA WD EMERGENCY RESPONSE PLAN
9/15/2021	HENLINE, DALLAS H.	50.41	REIMURSEMENT TRAINING FOR DALLAS HENLINE
9/15/2021	HENLINE, DALLAS H.	199.99	REIMBURSEMENT TRAINING FOR DALLAS HENLINE
9/15/2021	JORDAN VALLEY WATER	1,143.84	WATER SAMPLES
9/15/2021	JORDAN VALLEY WATER	29,759.87	WATER DELIVERIES
9/15/2021	MADDOX COMPRESSOR CO., INC	325.61	4000 HR SERVICE EDR AIR COMPRESSOR- SERVICE KIT
9/15/2021	METERWORKS	306.36	WARRANTY OF PRORATED NEPTUNE METERS
9/15/2021	METERWORKS	715.00	UME FOR HYDRANT METER
9/15/2021	MOTION & FLOW CONTROL PRODUCTS,INC	214.03	AIR FITTINGS FOR EDR
9/15/2021	MOTION & FLOW CONTROL PRODUCTS,INC	11.30	AIR FITTINGS FOR EDR
9/15/2021	ONE WEST CONSTRUCTION	1,000.00	REFUND HYDRANT DEPOSIT
9/15/2021	PREMIER TRUCK GROUP	125.00	VEHICLE EMISSIONS AND MISC REPAIRS TO VEHICLES FOR 2021
9/15/2021	ROCKY MOUNTAIN CARE CLINIC	55.00	DOT PHYSICAL EXAM
9/15/2021	ROCKY MT WIRE ROPE	1,291.44	8000 BOOSTER, MOVING GENERATOR
9/15/2021	S.L.CO. ENGINEERING DIVISION	3,119.50	CONSTRUCTION PERMITS
9/15/2021	STANTEC CONSULTING SERVICES INC.	423.25	WATER AND WASTE WATER PROJECT SUPPORT
9/15/2021	SUMMIT SEEDING	1,800.00	REFUND HYDRANT DEPOSIT
9/15/2021	UGSI CHEMICAL FEED	494.82	CHECK VALVE ASSEMBLY
9/15/2021	VANGUARD CLEANING SYSTEMS	490.00	JANITORIAL
9/15/2021	VANGUARD CLEANING SYSTEMS	185.00	JANITORIAL
9/15/2021	VANGUARD CLEANING SYSTEMS	408.00	JANITORIAL
9/15/2021	WASATCH ELECTRIC	999.68	FIX DOWNED WIRE FEEDITNG PUMP STATION
9/15/2021	SMITH HARTVIGSEN, PLLC	4,558.00	GENERAL LEGAL MATTERS
9/15/2021	SMITH HARTVIGSEN, PLLC	500.50	EMPLOYMENT LAW & OTHER CONFIDENTIAL MATTER
9/15/2021	SMITH HARTVIGSEN, PLLC	914.00	LEGISLATIVE MATTERS
9/15/2021	SMITH HARTVIGSEN, PLLC	863.50	LEGAL EXPENSES
9/15/2021	WACO	4,386.15	CARTRIDGE FILTERS EDR
9/15/2021	THATCHER COMPANY	6,131.60	CHEMICALS
9/15/2021	THATCHER COMPANY	(2,800.00)	CHEMICALS
9/15/2021	REPUBLIC SERVICES #864	2,061.73	GARBAGE COLLECTION FOR WWTP
9/15/2021	UTAH GOVERNMENT FINANCE OFFICERS ASSOCIA	300.00	CONFERENCE REGISTRATION FOR UGFOA
9/15/2021	AMAZON CAPITAL SERVICES	20.60	LYSOL TOILET BOWL CLEANER
9/15/2021	AMAZON CAPITAL SERVICES	48.00	GATORADE POWDER
9/16/2021	DOMINION ENERGY	7.24	NATURAL GAS 3291 S 8000 W
9/16/2021	DOMINION ENERGY	20.67	NATURAL GAS 6026 PARKWAY BLVD
9/16/2021	DOMINION ENERGY	26.92	NATURAL GAS 8931 W 3500 S
9/16/2021	DOMINION ENERGY	95.98	NATURAL GAS 7650 W 2100 S
9/16/2021	DOMINION ENERGY	13.04	NATURAL GAS 8885 W 3500 S
9/16/2021	ROCKY MOUNTAIN POWER CO.,	2,340.38	POWER BOOSTER STATION
9/16/2021	ROCKY MOUNTAIN POWER CO.,	45,048.17	POWER BARTON WELLS 1&2
9/16/2021	ROCKY MOUNTAIN POWER CO.,	4,344.59	POWER HAYNES WELLS
9/16/2021	ROCKY MOUNTAIN POWER CO.,	2,458.76	POWER SHALLOW WELLS
9/16/2021	LOWE'S	197.89	SPRINKLER TIMER, CONTACT CLEANER & SILICONE 7600 BOOSTER
9/16/2021	LOWE'S	34.97	PVC PIPE, GLUE & COUPLINGS FOR 7600 W BOOSTER
9/16/2021	LOWE'S	75.94	SPRINKLER TIMER, CONTACT CLEANER & SILICONE 7600 BOOSTER
9/16/2021	CINTAS 1ST AID	15.16	FIRST AID CABINET SHOP
9/16/2021	CINTAS 1ST AID	15.04	FIRST AID CABINET EDR
9/16/2021	CINTAS 1ST AID	3.54	FIRST AID CABINET WWTP ADMIN BLDG
9/16/2021	CINTAS 1ST AID	11.04	FIRST AID CABINET WWTP
9/16/2021	CINTAS 1ST AID	58.57	FIRST AID CABINET OFFICE
9/16/2021	ELITE GROUNDS, LLC	802.57	LANDSCAPING
9/16/2021	HUBER TECHNOLOGY	268.60	MAINTENENCE PARTS- ROLLERS
9/16/2021	UNITED FENCE COMPANY	2,347.00	REPAIR FENCE AROUND ATK SAMPLER ON 4100 S
9/16/2021	BANKCARD CENTER	20.00	TRANSCRIBE PROGRAM FOR MEETING MINUTES

**MAGNA WATER DISTRICT  
INVOICE PAYMENTS  
09/02/2021 TO 10/06/2021**

Check Issue Date	Payee	Amount	Description
9/16/2021	JMC INSTRUMENTS & CONTROLS	936.91	BURKERT SOLENOID VALVE FOR GRIT PUMPS-EAST HEADWORKS
9/20/2021	DOMINION ENERGY	141.28	NATURAL GAS 6850 W 2820 S
9/20/2021	O'REILLY	6.78	5AMP FUSE & 30 AMP FUSE
9/20/2021	RICOH USA , INC	151.10	COPIER ADMINISTRATIVE OFFICE
9/20/2021	RICOH USA , INC	60.00	COPIER ADMINISTRATIVE OFFICE
9/20/2021	ROCKY MOUNTAIN POWER CO.,	1,053.40	POWER SHOP
9/20/2021	ROCKY MOUNTAIN POWER CO.,	17.80	POWER BACCHUS TANKS
9/20/2021	ROCKY MOUNTAIN POWER CO.,	1,332.66	POWER SECONDARY WATER PUMP
9/20/2021	ROCKY MOUNTAIN POWER CO.,	361.12	POWER CEMENT BLDGS SHOPS
9/20/2021	ROCKY MOUNTAIN POWER CO.,	3,068.98	POWER 7600 W RESERVOIR
9/20/2021	STAPLES BUSINESS CREDIT	15.44	PURELL HAND SANITIZER OFFICE
9/20/2021	STAPLES BUSINESS CREDIT	195.74	MULTIUSE PAPER OFFICE
9/20/2021	STAPLES BUSINESS CREDIT	10.64	RED PENS FOR TREVOR
9/20/2021	STAPLES BUSINESS CREDIT	34.00	HP BLACK INK FOR CAMERA TRUCK
9/20/2021	STAPLES BUSINESS CREDIT	3.74	AVERY 1-1/4 DIAMETER LABELS
9/20/2021	STAPLES BUSINESS CREDIT	130.18	HP BLACK AND TRICOLOR INK
9/20/2021	STAPLES BUSINESS CREDIT	28.30	CHARMIN BATH TISSUE
9/20/2021	STAPLES BUSINESS CREDIT	7.59	CALCULATOR PRINTER RIBBON
9/20/2021	MID ATLANTIC TRUST COMPANY	2,120.20	401(k)
9/20/2021	REPUBLIC SERVICES #864	490.35	WASTE COLLECTION AT EDR AND SHOP
9/20/2021	AWWA INTERMOUNTAIN SECTION	425.00	INTERMOUNTAIN SECTION AWWA
9/21/2021	WORKERS COMPENSATION FUND OF U	1,832.18	WORKERS COMP INSURANCE
9/21/2021	MAGNA CHAMBER OF COMMERCE	500.00	2021 CHAMBER MEMBERSHIP
9/22/2021	BOWEN COLLINS & ASSOCIATES	7,676.70	MAGNA REUSE PROJECTS
9/22/2021	BOWEN COLLINS & ASSOCIATES	965.50	MASTER PLAN AND RATE STUDY
9/22/2021	E.T. TECHNOLOGIES, INC	5,843.41	SLUDGE REMOVAL
9/22/2021	HENLINE, DALLAS H.	100.00	WASTEWATER OPERATOR CERTIFICATION EXAM
9/22/2021	HUNTER, MATTHEW	200.00	WASTEWATER OPERATOR CERTIFICATION
9/22/2021	MCREYNOLDS, CONNOR	200.00	WASTEWATER CERTIFICATION EXAM BONUS
9/22/2021	LEISLE FITZGERALD	535.22	PER DIEM & MILEAGE FOR UT GFOA CONFERENCE
9/23/2021	ROCKY MOUNTAIN POWER CO.,	208.35	POWER 8885 W 3500 S OFFICE
9/23/2021	BLUELINE SERVICES	141.00	RADOM DRUG TESTING
9/23/2021	INTSEL STEEL WEST, LLC	114.85	METAL FOR TRAILER
9/23/2021	INTSEL STEEL WEST, LLC	51.98	METAL FOR DOORS FOR 3500 S TANKS
9/23/2021	SAFETY-KLEEN SYSTEMS, INC.	355.34	16G PARTS WASHERR SOLVENT
9/24/2021	CASELLE, INC.	1,800.00	MONTHLY CONTRACT SUPPORT CHARGES
9/26/2021	WEST VALLEY CITY	130.20	STORMWATER AT EDR
9/27/2021	LOWE'S	173.86	HOSES AND NOZZLES- 3385 SIDNEY WAY- REPLACEMENTS
9/27/2021	LOWE'S	199.30	PARTS, ZIPTIES, CHARGER FOR DRILL
9/27/2021	LOWE'S	98.13	CLARIFIER NOZZLES
9/27/2021	LOWE'S	41.48	CAULKING ADHESIVE FOR MAIN OFFICE AND CLEANING SUPPLIES
9/29/2021	CITY CREEK WINDOW CLEANING	300.00	WINDOW CLEANING EDR
9/29/2021	CITY CREEK WINDOW CLEANING	405.00	OFFICE OUTSIDE WINDOWS
9/29/2021	D & L SUPPLY	315.00	WATER VALVE BOX RISERS
9/29/2021	DATA SERVICES	60.38	DATA SERVICES SALT LAKE COUNTY
9/29/2021	E.T. TECHNOLOGIES, INC	2,172.26	SLUDGE REMOVAL
9/29/2021	HACH COMPANY	4,076.12	SONATAX SC SLUDGE LVL PROBE W/ PIVOT MNT, DIGTL EXT.CABLE
9/29/2021	LAWSON PRODUCTS, INC.	2,990.05	TRUCK AND SHOP INVENTORY
9/29/2021	NOLAND & SON CONSTRUCTION CO	1,000.00	REFUND HYDRANT DEPOSIT
9/29/2021	SENERGY PETROLEUM	98.05	CHOPPER PUMP MAINTENANCE OIL
9/29/2021	METERWORKS	50.00	5/8 GASKETS
9/29/2021	ASPHALT MATERIALS, INC.	382.61	GRAVEL FOR REPAIRS
9/29/2021	WEF MEMBERSHIP	85.00	WEF MEMBERSHIP
9/29/2021	UTAH BARRICADE COMPANY	198.15	SIGNS & CONES LEAK ON 7200 W 2820 S
9/29/2021	GLENS KEY INC.	300.96	METER LOCKS
9/29/2021	CRUS OIL INC./QUALCO	12.80	OIL FILTER FOR #67
9/29/2021	THATCHER COMPANY	3,461.00	CHEMICALS
9/29/2021	THATCHER COMPANY	5,213.60	CHEMICALS
9/29/2021	THATCHER COMPANY	5,480.05	CHEMICALS
9/30/2021	THE LINCOLN NATIONAL LIFE	602.51	INSURANCE
9/30/2021	ROCKY MOUNTAIN POWER CO.,	9.76	POWER WWTP ADMIN BLDG
9/30/2021	ROCKY MOUNTAIN POWER CO.,	24,948.11	POWER SEWER PLANT
9/30/2021	DENTAL SELECT	1,376.99	INSURANCE
9/30/2021	BLUE STAKES OF UTAH 811	893.86	BILLABLE E-MAIL NOTIFICATIONS
9/30/2021	STANDARD PRINTING COMPANY	1,925.67	PROCESS OF MONTHLY BILLINGS
9/30/2021	GRAINGER	30.10	BELTS FOR BRINE PUMP STATION
9/30/2021	ALLSTREAM	2,616.33	TELEPHONE AND DATA
9/30/2021	AIRGAS USA, LLC - CENTRAL DIVISION	50.88	CYLINDER RENTAL
9/30/2021	AIRGAS USA, LLC - CENTRAL DIVISION	4.24	CYLINDER RENTAL
10/3/2021	UTAH BROADBAND	499.00	MONTHLY BROADBAND FEE



**MAGNA WATER DISTRICT  
INVOICE PAYMENTS PAID BY BOND PROCEEDS  
09/02/2021 TO 10/06/2021**

Check Issue Date	Payee	Amount	Description
9/8/2021	STANTEC CONSULTING SERVICES INC.	18,158.15	WESTSIDE SEWER COLLECTION SYSTEM SUPPORT
9/15/2021	STANTEC CONSULTING SERVICES INC.	1,062.00	MAGNA WATER WESTSIDE COLLECTIONS SYSTEM PROJECT
9/29/2021	STANTEC CONSULTING SERVICES INC.	733.00	MAGNA WATER WESTSIDE COLLECTIONS SYSTEM PROJECT
		\$ 19,953.15	

**MAGNA WATER DISTRICT  
ZIONS BANK BOND PAYMENT  
09/02/2021 TO 10/06/2021**

Check Issue Date	Payee	Amount	Description
10/6/2021	ZIONS FIRST NATIONAL BANK	83,575.62	5436869-BOND SER 2013
		\$ 83,575.62	

**PECKS  
PAINTING LLC**





Peck's Painting, LLC  
 1046 W 500 N  
 Centerville, UT 84014

# QUOTATION

DATE	ESTIMATE #
6/28/2021	7385

NAME / ADDRESS
Magna Water District 8885 W 3500 S Magna, UT

PROJECT

PROJECT	P.O. NO.
Magna Water District	

DESCRIPTION	TOTAL
<p>All labor, material and equipment to prepare and apply clear natural stain finish to all Exterior wood beams, posts, walls, ceilings, soffit and facisa:</p> <p><b>October 25th pending Board approval and weather.</b></p> <p><b>Product needs 40 degree and higher daytime temps to apply and cure.</b></p>	11,979.00
<b>TOTAL</b>	<b>\$11,979.00</b>

Please contact the office for acceptance of quotation. We look forward to working with you.

Phone # 801-292-3138

Fax # 801-294-3164

E-mail michellem@peckspainting.com

# **REUSE PROJECT**

**ATTACHMENT A**  
**SCOPE OF WORK FOR FINAL DESIGN SERVICES FOR**  
**MAGNA WATER REUSE FACILITY PROJECT**  
**MAGNA WATER DISTRICT**

**TASK 1.0 – FINAL DESIGN SERVICES**

- 1.1 **Project Management and Coordination:** Provide project management and coordination services necessary during final design. Services to include processing of invoices, management of project team and subconsultants, control of project schedule and budget, communication with the District, and general coordination necessary to deliver the project.
- 1.2 **Filter Proposals Solicitation, Evaluation and Selection and Chlorine Evaluation:** BC&A will assist the District in the pre-selection of filtration equipment from the four vendors named in the preliminary engineering report through the preparation of pre-procurement specifications, conducting a pre-proposal meeting with named vendors, assisting in the evaluation and ranking of the proposals received. Additionally, BC&A will prepare a sampling plan for District operations and lab staff to conduct chlorine sampling to verify disinfection targets through the chlorine contact basin to meet lower E.coli limits as well as to verify that total residual chlorine limits will not be exceeded for the C-7 ditch.
- 1.3 **Survey and Geotechnical Evaluation:** BC&A will subcontract a surveyor and a geotechnical firm to perform a site survey and geotechnical investigation, respectively, to provide relevant information and data necessary for design of the new Reuse Facility.
- 1.4 **Environmental Assessment – Categorical Exclusion:** Based upon our understanding of the project and our experience, it is our assumption that the Bureau of Reclamation will permit the Reuse Facilities with a Categorical Exclusion. Please note that if a higher-level environmental document is needed additional scope and fee will be required. The following are tasks to complete the categorical exclusion process.
- Meetings. BC&A has assumed two meetings to coordinate with Magna Water District for a total of 1 hour in length each. This can either be a Teams meeting or in-person meeting. Additionally, BC&A will coordinate up to two meetings via Teams with the Bureau of Reclamation.
  - Field Work - Memorandums. BC&A will conduct the field work for cultural/historical clearances, biological, and wetlands and waters of the US. BC&A will prepare memorandum of findings to accompany the categorical exclusion.
  - Preparation of the Categorical Exclusion. BC&A will prepare a categorical exclusion document for the Bureau of Reclamation's review and approval. It is estimated that the Bureau of Reclamation may take 6 weeks for review and approval.
- 1.5 **Design Review Workshops:** Conduct final design review workshops with District staff at the 50, 90, and 100 percent complete stages of design. Provide meeting minutes to summarize the results of these meetings.

1.6 **Final Design of Reuse Facility and Pump Station:** Prepare and submit 50, 90, and 100 percent plans and specifications for the Reuse Facility. Project is anticipated to include:

- Cloth Disc Tertiary Filtration System
- Filter Backwash System
- Diversion Manhole and influent piping
- Secondary Pump Station with Wet Well
- Discharge piping and connection to existing pipeline
- Extension of existing chlorination system piping to pump station
- Yard piping including backwash, drainage and other utilities.
- Standby Power Generation System

Final design will include general, civil, architectural, structural, mechanical, HVAC, electrical and instrumentation (P&ID) plans and technical specifications. A preliminary sheet list is attached to this scope of work for reference. This sheet list serves as the basis for BC&A's anticipated level of effort required for final design of project facilities.

1.7 **Front End Contract Document Preparation:** Prepare final ready-to-print design, bidding and construction documents for the project.

1.8 **Permitting:** BC&A will assist the District in preparation of application for necessary permits for construction of the project to all regulatory or other agencies including Division of Water Quality, Salt Lake County, Rocky Mountain Power, etc. This task assumes a total of three two-hour meetings with the various agencies.

1.9 **Opinion of Probable Construction Costs:** Prepare and submit an opinion of probable construction cost (OPCC) at the 90, and 100 percent stages of design.

1.10 **USBR Grant Management Assistance:** BC&A will assist the District in preparing documentation necessary to process monthly draw requests from USBR Grant.

## **TASK 2.0 – CONTRACTOR PREQUALIFICATION SERVICES**

2.1 **Prequalification Documents Preparation:** Develop prequalification documents for general contractors and assist the District in developing a short list of pre-qualified contractors. It is assumed that the District will manage the advertisement of prequalification documents.

2.2 **Evaluation of Proposals:** Assist MWD with the evaluation and scoring of contractor proposals, and make recommendations regarding contractors that should be prequalified for bidding the project.

2.3 **Pre-Qualification Review, Recommendation and Notifications:** Meet with District staff to review proposals and discuss recommended contractors for prequalification.

## **TASK 3.0 – BID PERIOD SERVICES**

3.1 **Bid Period Services:** Distribute bidding documents and respond to questions from bidders. Prepare addendums as necessary to formally address any changes to the bid documents.

3.2 **Pre-Bid Meeting:** Conduct Pre-bid meeting and site visit with prequalified contractors.

- 3.3 **Bid Opening Report:** Attend bid opening, conducted by the District. Evaluate bids and submit Engineer's award recommendation letter.
- 3.4 **Conformed Documents:** Develop a fully conformed set of plans and specifications for construction. Conformed documents will include all formal changes incorporated by Addendum during the Bid Period.

#### **Optional Additional Tasks**

- A-1 **Influent Area Topographic Survey:** This task will include providing topographic survey for the area around the east and west headworks that can be used for the future Influent Project. The survey includes locating and surveying all existing visible features, provide invert elevations, pipe sizes when visible in a cad file with surface and contours.
- A-2 **Plant Area Aerial Flight:** This task includes an aerial flight of the entire plant (approximately 38 acres). The aerial will include cad file with surface contours and image. Surveyor will set project control and aerial targets based upon current datum and coordinate systems.
- A-3 **Influent Area Geotechnical Investigation:** This task provides geotechnical investigation for the future Influent Project. Existing boring information will be used with estimated construction concepts to establish geotechnical design recommendations necessary for the design.

#### **Assumptions**

1. Technical Specifications will be developed around Construction Specification Institute (CSA) Master Form List of Titles (2016).
2. BC&A will develop a design drawing format for the project to establish consistency in the quality of deliverables.
3. The standard hard copy drawing delivery format is 11"x17". Full-size drawings, if requested, will be provided on standard Size D, 22"x34" paper at the cost of printing and reproduction.
4. Electronic deliverable format will be limited to PDF, AutoCAD, MS Word, and MS Excel. No software will be specifically written for this project.
5. Written deliverables will be submitted in electronic PDF format for bidding. Up to three hard copies will be provided to the District for milestone reviews.
6. The following assumptions were assumed in development of the scope for Task 1-4 Environmental Assessment.
  - The Bureau of Reclamation will conduct tribal notifications
  - No public meeting will be necessary based on the minimal environmental impacts for the proposed project
  - A categorical exclusion will be required rather than an environmental assessment.

**EXHIBIT B**  
**2020 Water Reuse Projects**  
**Magna Water District**  
**Engineering Man Hour - Fee Estimate**

Updated: 10/6/2021

Bowen Collins & Associates Staff												Subtotal Hours	Subtotal Labor	Subtotal* Expenses	Expenses		Subconsultants					Total Cost										
Labor Category	Office	Clerical II	Tech. VI	Envrio Lead	Eng. III	Lead Engineer	Lead Engineer	Struct	PM	QA				Comp/Comm	Mileage	Stantec**	Survey Epic Eng	Geotech IGES	Architect Thalmann	HVAC/Plumbing CTA												
Staff	Skousen	Hilbert	Anderson	Tsandes	Rogers	Luettinger	Nelson	Pugh	Beckman	Mayers																						
Labor Rate	\$97	\$88	\$130	\$170	\$130	\$195	\$145	\$165	\$187	\$180				\$7.00	\$0.75																	
<b>Task No.</b>	<b>Task 1: Final Design Services</b>																															
1-1	Project Management and Coordination										80	\$ 14,960	\$7,727	\$560	\$200	\$69,671						\$ 92,358.05										
1-2	Filter Proposal Solicitation, Evaluation and Selection										8	\$ 3,248	\$3,750	\$154		\$35,957						\$ 42,954.48										
1-3	Survey and Geotechnical Evaluation										8	\$ 1,788	\$1,409	\$84		\$0	\$2,900	\$23,600				\$ 29,697.00										
1-4	Environmental Assessment - Categorical Exclusion										24	\$ 10,503	\$511	\$511		\$0						\$ 11,014.00										
1-5	Design Review Workshops										24	\$ 8,388	\$939	\$364	\$200	\$7,494						\$ 16,820.39										
1-6	Final Design of Reuse Facility and Pump Station										6	\$ 208,710	\$24,467	\$10,122		\$256,000		\$13,500	\$17,400		\$ 520,077.00											
1-7	Front End Contractor Document Preparation										4	\$ 8,582	\$679	\$336	\$200	\$2,862						\$ 12,123.39										
1-8	Permitting										32	\$ 5,656	\$380	\$280		\$2,008						\$ 8,044.40										
1-9	Opinion of Probable Cost										16	\$ 3,578	\$346	\$168		\$3,559						\$ 7,483.08										
1-10	USBR Grant Management Assistance										24	\$ 4,488	\$168	\$168		\$0						\$ 4,656.00										
	<b>Task 1 Sub-Total</b>										<b>6</b>	<b>24</b>	<b>540</b>	<b>24</b>	<b>428</b>	<b>12</b>	<b>40</b>	<b>340</b>	<b>316</b>	<b>46</b>	<b>1821</b>	<b>\$ 269,901</b>	<b>\$40,376</b>	<b>\$12,747</b>	<b>\$600</b>	<b>\$377,551</b>	<b>\$2,900</b>	<b>\$23,600</b>	<b>\$13,500</b>	<b>\$17,400</b>	<b>\$ 745,227.78</b>	
<b>Task No.</b>	<b>Task 2: Contractor Prequalification Services</b>																															
2-1	Prequalification Document Preparation										2	\$ 3,004	\$203	\$154		\$988						\$ 4,195.40										
2-2	Evaluation of Proposals										8	\$ 1,788	\$134	\$84	\$50							\$ 1,922.00										
2-3	Pre-Qualification Review, Recommendation and Notification										2	\$ 447	\$21	\$21								\$ 468.00										
	<b>Task 2 Sub-Total</b>										<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>26</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>37</b>	<b>\$ 5,239</b>	<b>\$358</b>	<b>\$259</b>	<b>\$50</b>	<b>\$988</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$ 6,585.40</b>	
<b>Task No.</b>	<b>Task 3: Bid Period Services</b>																															
3-1	Bid Period Services										24	\$ 6,988	\$1,268	\$364		\$18,082					\$ 26,338.33											
3-2	Pre-Bid Meeting										4	\$ 1,268	\$106	\$56	\$50							\$ 1,374.00										
3-3	Bid Opening Report										2	\$ 447	\$21	\$21								\$ 468.00										
3-4	Conformed Documents										4	\$ 5,114	\$266	\$266								\$ 5,380.00										
	<b>Task 3 Sub-Total</b>										<b>0</b>	<b>4</b>	<b>40</b>	<b>0</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>101</b>	<b>\$ 13,817</b>	<b>\$1,661</b>	<b>\$707</b>	<b>\$50</b>	<b>\$18,082</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$ 33,560.33</b>	
	<b>Total Hours</b>										<b>6</b>	<b>30</b>	<b>580</b>	<b>24</b>	<b>496</b>	<b>12</b>	<b>40</b>	<b>340</b>	<b>340</b>	<b>46</b>	<b>1959</b>											
	<b>Total Cost (All Tasks)</b>																							<b>\$288,957</b>	<b>\$42,395</b>		<b>\$396,621</b>	<b>\$2,900</b>	<b>\$23,600</b>	<b>\$13,500</b>	<b>\$17,400</b>	<b>\$785,374</b>
<b>Task No.</b>	<b>Optional Additional Tasks</b>																															
A-1	Influent Headworks Survey for Future Project																						\$ 3,500	\$ 3,500								
A-2	Plant Aerial with Topographic Survey																							\$ 4,000	\$ 4,000							
A-3	Geotechnical Investigation for Influent Area																						\$ 6,000	\$ 6,000								

**Budgetary Assumptions:**

1. Billing rates based on projected 2022 rates, rates to be updated annually for inflation
2. Expenses Include:

- Mileage reimbursement at \$0.75/mile
- 10% markup on outside services or other project related expenses
- Computer and communications expenses \$7/hr.

\*Expenses include 5% on all sub-consultants.

\*\* Attachment for summary of hours per Task for Stantec Engineering.

**Reuse Facility**  
**Magna Water District**  
**Estimated Drawing Sheet Count**

*Last Updated: 9/30/21*

**PRELIMINARY SHEET LIST**

No.	Sheet	Description
1	G-1	TITLE PAGE, PROJECT LOCATION MAP, & VICINITY MAP
2	G-2	INDEX OF DRAWINGS
3	G-3	SYMBOLS
4	G-4	ABBREVIATIONS
5	G-5	GENERAL NOTES
6	G-6	OVERALL DRAWING INDEX MAP AND SURVEY CONTROL
7	G-7	OVERALL HYDRAULIC PROFILE & DESIGN CRITERIA
8	C-1	OVERALL DRAWING INDEX MAP AND SURVEY CONTROL
9	C-2	SITE COORDINATES
10	C-3	SITE PLAN
11	C-4	GRADING AND LANDSCAPE PLAN
12	C-5	DIVERSION MANHOLE DETAIL AND SECTIONS
13	C-6	YARD PIPING PROFILES - 1
14	C-7	YARD PIPING PROFILES - 2
15	C-8	YARD PIPING PROFILES - 3
16	C-9	YARD PIPING PROFILES - 4
17	C-10	CIVIL PROJECT DETAILS - 1
18	C-11	CIVIL PROJECT DETAILS - 2
19	GC-1	CIVIL DETAILS - 1
20	GC-2	CIVIL DETAILS - 2
21	GC-3	CIVIL DETAILS - 3
22	GC-4	CIVIL DETAILS - 4
23	GC-5	CIVIL DETAILS - 5
24	GC-6	CIVIL DETAILS - 6
25	GC-7	CIVIL DETAILS - 7
26	GC-8	CIVIL DETAILS - 8
27	A-1	ARCHITECTURAL NOTES AND SCHEDULES
28	A-2	PUMP STATION ARCHITECTURAL FLOOR PLAN
29	A-3	PUMP STATION ROOF PLAN
30	A-4	PUMP STATION ARCHITECTUAL ELEVATIONS - 1
31	A-5	PUMP STATION ARCHITECTUAL ELEVATIONS - 2
32	GA-1	GENERAL ARCHITECTURAL DETAILS -1
33	GA-2	GENERAL ARCHITECTURAL DETAILS -2
34	GA-3	GENERAL ARCHITECTURAL DETAILS -3
35	S-1	GENERAL STRUCTURAL NOTES - 1
36	S-2	DIVERSION MANHOLE DETAIL AND SECTIONS
37	S-3	FILTER FOUNDATION PLAN
38	S-4	FILTER BAY SECTIONS AND DETAILS -1
39	S-5	FILTER BAY SECTIONS AND DETAILS -2
40	S-6	FILTER BAY SECTIONS AND DETAILS -3
41	S-7	FILTER BAY FLOOR PLAN

## PRELIMINARY SHEET LIST

No.	Sheet	Description
42	S-8	FILTER BAY ROOF PLAN
43	S-9	WET WELL FOUNDATION PLAN
44	S-10	WET WELL SECTIONS AND DETAILS - 1
45	S-11	WET WELL SECTIONS AND DETAILS - 2
46	S-12	WET WELL SECTIONS AND DETAILS - 3
47	S-13	WET WELL FLOOR PLAN
48	S-14	WET WELL ROOF PLAN
49	GS-1	GENERAL STRUCTURAL DETAILS -1
50	GS-2	GENERAL STRUCTURAL DETAILS -2
51	GS-3	GENERAL STRUCTURAL DETAILS -3
52	GS-4	GENERAL STRUCTURAL DETAILS -4
53	GS-5	GENERAL STRUCTURAL DETAILS -5
54	GS-6	GENERAL STRUCTURAL DETAILS -6
55	GS-7	GENERAL STRUCTURAL DETAILS -7
56	GS-8	GENERAL STRUCTURAL DETAILS -8
57	GS-9	GENERAL STRUCTURAL DETAILS -9
58	GS-10	GENERAL STRUCTURAL DETAILS -10
59	M-1	PIPE MATERIAL SCHEDULE -1
60	M-2	PIPE MATERIAL SCHEDULE -2
61	M-3	MECHANICAL EQUIPMENT AND VALVE SCHEDULE
62	M-4	FILER BAY MECHANICAL PLAN
63	M-5	FILTER BAY MECHANICAL SECTIONS
64	M-6	FILTER BAY MECHANICAL SECTIONS AND DETAILS
65	M-7	PUMP STATION MECHANICAL PLAN
66	M-8	PUMP STATION SECTIONS
67	M-9	PUMP STATION SECTIONS AND DETAILS
68	M-10	CHLORINE BUILDING IMPROVEMENTS
69	GM-1	GENERAL MECHANICAL DETAILS - 1
70	GM-2	GENERAL MECHANICAL DETAILS - 2
71	GM-3	GENERAL MECHANICAL DETAILS - 3
72	GM-4	GENERAL MECHANICAL DETAILS - 4
73	GM-5	GENERAL MECHANICAL DETAILS - 5
74	GM-6	GENERAL MECHANICAL DETAILS - 6
75	H-1	HVAC NOTES AND SCHEDULES
76	H-2	FILTER BAY HVAC PLAN
77	H-3	PUMP STATION HVAC PLAN
78	GH-1	GENERAL HVAC DETAILS
79	P-1	PLUMBING NOTES AND SCHEDULES
80	P-2	PLUMBING PLAN
81	P-3	PLUMBING SECTIONS AND PROFILES
82	GP-1	GENERAL PLUMBING DETAILS
83	E-1	ELECTRICAL SITE PLAN - OVERALL
84	E-2	ELECTRICAL SITE PLAN - ENLARGED
85	E-3	SINGLE LINE DIAGRAM - 1
86	E-4	SINGLE LINE DIAGRAM - 2
87	E-5	EQUIPMENT ELEVATIONS



## PRELIMINARY SHEET LIST

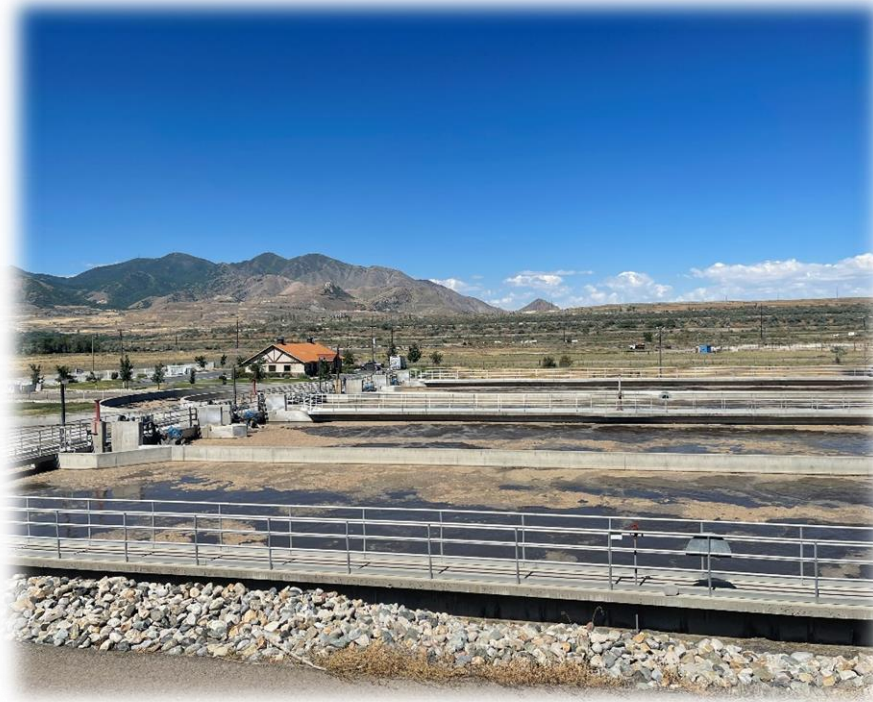
No.	Sheet	Description
88	E-6	SCHEMATIC DIAGRAMS - 1
89	E-7	SCHEMATIC DIAGRAMS - 2
90	E-8	SCHEMATIC DIAGRAMS - 3
91	E-9	CONDUIT DEVELOPMENT - 1
92	E-10	CONDUIT DEVELOPMENT - 2
93	E-11	CONDUIT DEVELOPMENT - 3
94	E-12	CONDUIT DEVELOPMENT - 4
95	E-13	CONDUIT DEVELOPMENT - 5
96	E-14	CONDUIT DEVELOPMENT - 6
97	E-15	PANEL AND LUMINAIRE SCHEDULES
98	E-16	PUMP STATION / FILTERS EQUIPMENT LOCATION PLAN
99	E-17	PUMP STATION / FILTERS LIGHTING AND GROUNDING PLAN
100	E-18	STANDBY POWER ONE-LINE DIAGRAM
101	GE-1	SYMBOLS - 1
102	GE-2	SYMBOLS - 2
103	GE-3	NOTES AND ABBREVIATIONS
104	GE-4	GENERAL ELECTRICAL DETAILS - 1
105	GE-5	GENERAL ELECTRICAL DETAILS - 2
106	GE-6	GENERAL ELECTRICAL DETAILS - 3
107	I-1	STANDY GENERATOR
108	I-2	CHLORINE RESIDUAL FEED
109	I-3	FILTER BAY - 1
110	I-4	FILTER BAY - 2
111	I-5	FILTER BACKWASH PUMPS
112	I-6	REUSE PUMP STATION - 1
113	I-7	REUSE PUMP STATION - 2
114	I-8	WET PANEL
115	GI-1	SYMBOLS AND NOMENCLATURE - 1
116	GI-2	SYMBOLS AND NOMENCLATURE - 2
117	GI-3	SYMBOLS AND NOMENCLATURE - 3
118	GI-4	SYMBOLS AND NOMENCLATURE - 4
119	GI-5	SAMPLE WIRING DIAGRAM - 1
120	GI-6	SAMPLE WIRING DIAGRAM - 2
121	GI-7	NETWORK ARCHITECTURE OVERVIEW
122	GI-8	CONTROL PANEL ELEVATIONS
123	GI-9	INSTALLATION DETAILS - 1
124	GI-10	INSTALLATION DETAILS - 2
125	GI-11	INSTALLATION DETAILS - 3
126	GI-12	INSTALLATION DETAILS - 4
127	GI-13	INSTALLATION DETAILS - 5
128	GI-14	INSTALLATION DETAILS - 6

**WWTP**



# Wastewater Treatment Update

10/14/2021





# Wastewater Treatment Update

**Our treatment staff is preparing for the winter treatment conditions and has implemented a new process control strategy for meeting our state limits.**

## **Our New Approach Includes:**

- A new method for process control and maintaining optimal biomass
- Improved control and understanding of the new aeration system
- New inhouse sampling routine to aid in real-time process adjustments
- Increase biomass and retention time during the winter to counter cold weather conditions





# Wastewater Treatment Update

**Since April of 2021, the Treatment Facility has met all state required limits without issue**

Ammonia (daily max of 30 mg/L and monthly average limit of 7 mg/L)						
Month	April	May	June	July	Aug	Sept
Average	0.30	0.30	0.72	0.24	0.41	0.94
Max	0.80	0.60	1.60	0.50	0.80	1.60
BOD (weekly max of 35 mg/L and monthly average limit of 25 mg/L)						
Month	April	May	June	July	Aug	Sept
Average	7.50	5.14	5.56	6.44	5.00	5.14
Max	17.00	6.00	7.00	8.00	5.00	6.00



# **Magna Water District Wastewater Treatment**

## **Additional Process Notes**

**October 2021**

### **A new method for process control and maintaining optimal biomass**

The concept of constant biomass plays an important role in our wastewater treatment plant operations, where we assume a balance exists between the material entering and leaving the plant or process. This strategy has never been used at our plant before but is recognized as the most common operating strategy in the industry. Daily process checks and new instrumentation, like total suspended solids probes, help treatment staff maintain sufficient biomass necessary to meet effluent permit limits.

### **New inhouse sampling routine to aid in real-time process adjustments**

We started in-house testing for total suspended solids (a close representation of the mixed liquor suspended solids concentration) Mondays and Thursday to give us a better understanding of the biomass in our aeration basins. Historically, this was a sample taken once per week and sent off site to be analyzed with a 10-12 day return time on results. For regulatory reasons, that sample is still taken and sent off for analysis but getting results in house twice per week has allowed us to make process adjustments on a more real time basis, rather than waiting the 10-12 days to see if an adjustment was needed.

### **Improved control and understanding of the new aeration system**

To gain a better understanding of our new aeration equipment we had to dive into how all the pieces of equipment work together. A high and low set point is established on four dissolved oxygen (D.O.) sensors located within the aeration basins. The aeration equipment increases or decreases its power output based on how closely it operates to the given set points. By sampling D.O. concentrations at different locations throughout the aeration basins we were able to find an ideal location for the D.O. probes. We were able to relocate each probe, and this has given us a better representation of our D.O. concentrations within each basin. The results have allowed us to reach higher D.O. concentrations that we were unable to achieve in the past. Through our continued effort we hope to reduce energy costs and extend the life of our equipment.

### **Increase biomass and retention time during winter to counter cold weather conditions**

A process model (Biowin software) was created to closely represent our treatment operation. We can input different variables to see how our process would react to changes in operation. Our process model has given us operating parameters to target during the different warm and cold weather months of the year. These target parameters along with the constant mass process control strategy have given us the confidence that we will be able to avoid a process upset this winter.

## **Temperature impact on wastewater treatment biomass**

During the 2021 treatment year the facility recorded a low wastewater temperature of 54' degrees (February) and a high temperature of 74' degrees (July). Minor variations in temperature change do not impact the treatment process in the same way that seasonal temperature changes do. As temperatures increase, both in the aeration basins and ambient air temperature, biological activity also increases. This means that oxygen uptake is more rapid at warmer temperatures, requiring air to be supplied at a higher rate. The waste degrades more quickly at warmer temperatures, so the biomass doesn't need to be held in the treatment system as long when it is warm. The converse is also true: In the winter, oxygen uptake is low, and air doesn't need to be supplied as fast. However, the waste takes longer to degrade, and therefore needs to stay in the treatment system longer during cold months.

**BS PROPERTY**





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

GENERAL MANAGER  
Clint Dilley, P.E.

October 5, 2021

Clint Dilley, P.E.  
Magna Water District  
8885 West 3500 South  
P.O. Box 303  
Magna, UT 84044

**Subject: BS Property Management – Water & Sewer Availability**

Clint,

We have completed our preliminary review of the proposed BS Property Management development located at 2350 S. 7200 W. Our determination of water and sewer availability is as follows:

EXISTING FACILITIES

- WATER** Water service is available near the development. There is a 12-inch water line located in 7200 West, along the frontage of the proposed development.
- SEWER** Sewer service is available near the development. There is a 24-inch sanitary sewer line located in 7200 West, along the frontage of the proposed development.
- SEC WATER** There is a 12-inch dry secondary water line being installed across the property frontage as part of the Jacobsen Warehouse and Laydown Yard Projects.

RECOMMENDATIONS

- WATER** Connect to the existing 12-inch water line in 7200 West and extend required water service to the proposed development.
- SEWER** Connect to the existing 24-inch sanitary sewer line located in 7200 West and extend required sewer service to the development.
- SEC WATER** Connect to the existing dry 12-inch secondary water line in 7200 West and extend required water service to the proposed development.

It is my recommendation that the Magna Water District Board approve providing water and sewer services to this Development. If you have any questions or concerns, please contact me at 801-250-6279.

Sincerely,

A handwritten signature in blue ink, appearing to read "Trevor Andra".

Trevor Andra, P.E.  
Magna Water District  
District Engineer

# **MANAGERS REPORT**

# MEMO



**TO:** MWD Board of Directors  
**FROM:** Clint Dilley, P.E., General Manager  
**DATE:** 10/05/21 (October 14th Board Meeting)  
**RE:** Report and Discussion from General Manager

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## **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**

- Service Maintenance positions filled on Water side
  - Cameron Wilko made move from Sewer Collections Crew on 8/30/21
  - Easton Fuchs started 10/5/21
- Service Maintenance positions open on Sewer side
  - Kirk Watcher started on 10/4/21
  - In house bid closed 9/28/21 with no in house applicants
  - Outside job posting on 9/29/21 open until filled

### **OPERATIONS**

- Drought Considerations
  - Saved 115 million gallons in August 2021 vs. August 2020 for overall 50% reduction
  - Secondary water system will shutdown on normal October 15<sup>th</sup> date this year
  - Recommend keeping Level 2 Conservation going into next year until better picture of drought conditions next spring
- Water Operations
  - Shallow well pumps
    - Reviewing operation & service history
      - Causes of failure
      - Cost of replacement

- Pulling & Inspection of Wells
  - Haynes Wells #2 – first one pulled, significant corrosion on pump casing and shaft
    - Upon further inspection – corrosion ended up being minor and not cause of failure
    - Primary mode of failure likely from impeller adjustment not done correctly when pump was installed
  - Haynes Wells #7 – next to be pulled in Mid-October
  - Barton Well #1
  - HAL to assist in rehab evaluation and recommendations
- Distribution system leaks
  - Leak Response Plan and Leak Prevention Plan memo
    - Board generally supportive of recommendations per September board meeting discussions
      - Implement changes that can be made, prepare for next union contract with changes that require agreement such as on call response time
      - Consider a financial incentive for those who can respond within shorter time – further evaluation needed
  - Exploring JWCDC conservation grant funding for leak detection equipment or study such as fire hydrant sensors
- WWTP Operations
  - Update board on preparation for winter conditions
    - Process control
      - Implemented a computer program process model
      - Testing of additional characteristics
      - Changes to criteria and strategy when for adjustments
    - Dissolved oxygen in oxidation ditches
      - Moved do probes for more representative measurement
      - Review temperature changes of oxidation ditch from warm to cold months
      - Consider conditioning of air for improved DO performance especially during colder months
- Office
  - Settlement along east side of building
    - Foam injection under concrete sidewalk scheduled
  - Window tinting install completed 8/26/21
    - Requested quote for ballistic glass at drive up window
  - Evaluating three bids that have been received for annual wood staining contract ranging from \$11.9k to \$24.6k
    - Recommend lowest cost bid (single coat option) for board approval in October meeting

- Looking at options for water fountain or dispenser in board room to use instead of bottled water
- Delinquent accounts
  - 689 delinquent accts in October w/ avg. balance of \$166
  - 770 delinquent accts in September w/ avg. balance of \$165, 112 shutoff notices sent out
  - 684 delinquent accts in August w/ avg. balance of \$129, 30 shutoff notices sent out

## **COMMUNICATION & MORALE**

- Continue working toward improving communication w/ board members & community partners
  - MWD working with Magna Township Council on COVID reimbursement
    - Letter sent to MSD
  - MWD working on COVID 19 Local Assistance Grant Program funds administered through the Governors Office of Planning and Budget – Applications are due September 15<sup>th</sup>
    - Submitted two applications
      - Additional grant funds to go to reuse project
      - Grant funds to go to Zone 3 secondary water pump station, pipeline and reservoir project
- Work to improve communication & morale with employees
  - Suggestion/comment boxes installed for main office, water operations, EDR Plant and WWTP plant buildings
    - Checked on 9/29/21 – no comments submitted so far
  - Shirts with MWD logo
    - T-shirts in past provided to all employees (not just non uniform)
    - Collared shirts for front office & board (2 each from 4 color options)
- Work to improve communication with customers
  - Mailer sent out on cross connection/backflow with October bills. Plan on LIHWAP flyers for November 1<sup>st</sup> mailer and year end for December 1<sup>st</sup> mailer
  - Thorough and prompt response to customer concerns and complaints
    - Noise complaint from homeowner near one of shallow well pumps. Investigating cause – likely VFD issue
    - Complaint over color of tap water received from a customer on 8000 West. Upon further investigation and testing it appeared to be limited to one bathroom and likely from customer plumbing issue not district supply
    - Complaint submitted on RV dump hours of operation not usable
    - Various complaints on 3500 South waterline project – construction trucks, traffic, delays

# **DISTRICT FINANCIALS**

**MAGNA WATER DISTRICT  
OVERAL BOTTOM LINE**

**AS OF 09/30/2021**

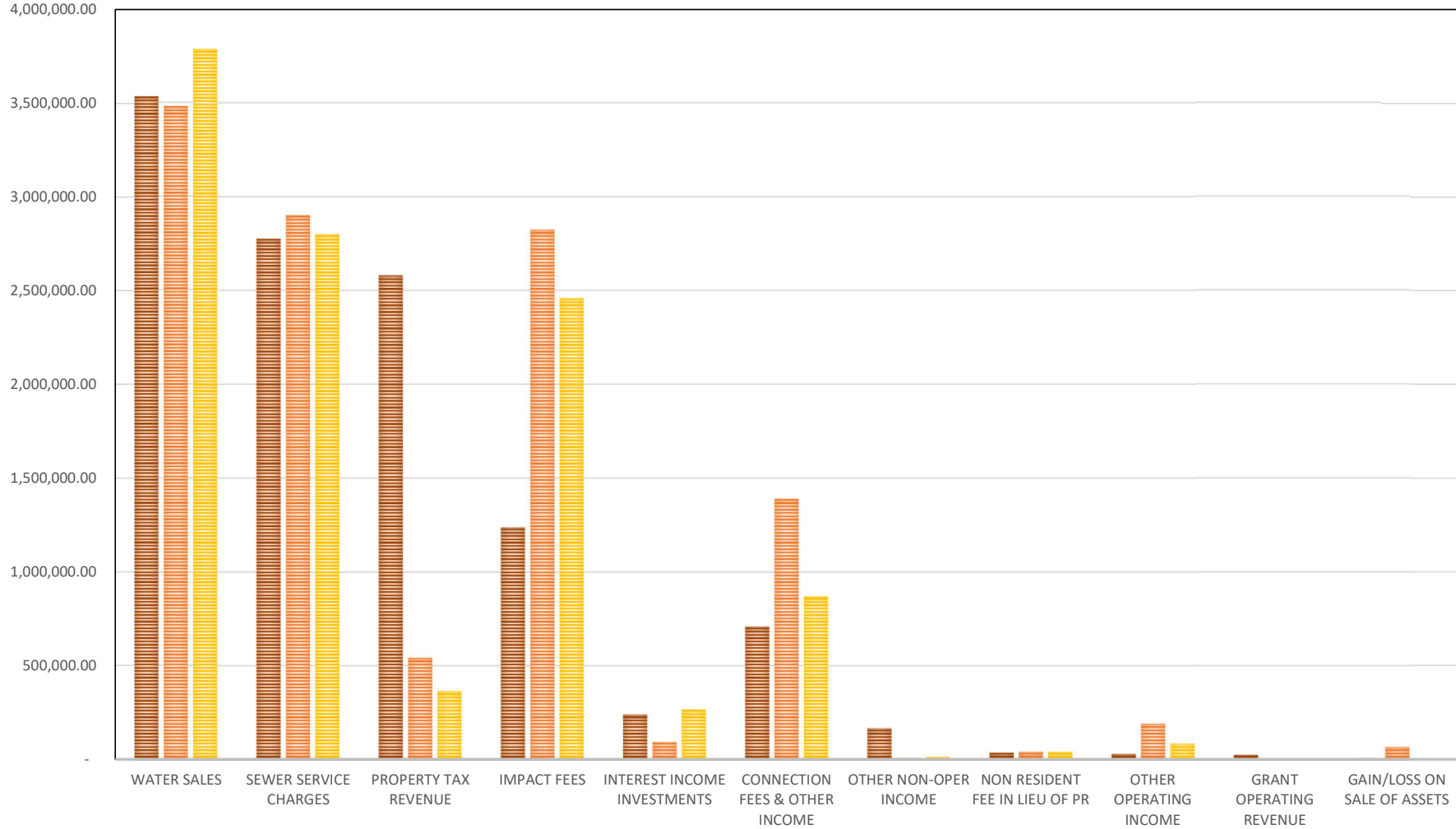
**AS OF 09/30/2020**

Total Revenue	\$ 11,528,700.26	\$ 10,682,457.90
Total Expenses	\$ 9,316,014.58	\$ 8,678,455.10
	<hr/>	<hr/>
Overall Income/(Loss)	<u>\$ 2,212,685.68</u>	<u>\$ 2,004,002.80</u>
		<u>\$ 208,682.88</u>
Difference	Sewer Buy-in increased	\$ 432,429.00
	Water Buy-in increased	\$ 176,334.00
	Meter Set increased	\$ 10,426.00
	Water Inspection decreased	\$ (122,877.62)
	sewer inspection decreased	\$ (211,684.84)
	engineering revenue sub increased	\$ 59,598.70
	secondary water meter set increase	\$ 148,740.82
	secondary water insp increased	\$ 23,941.50
	Other Oper income water increased	\$ 103,336.39
	interest income decreased	\$ (173,678.23)
	Water sales decreased	\$ (307,243.20)
	property tax revenue	\$ 178,193.42
		<u>\$ 317,515.94</u>



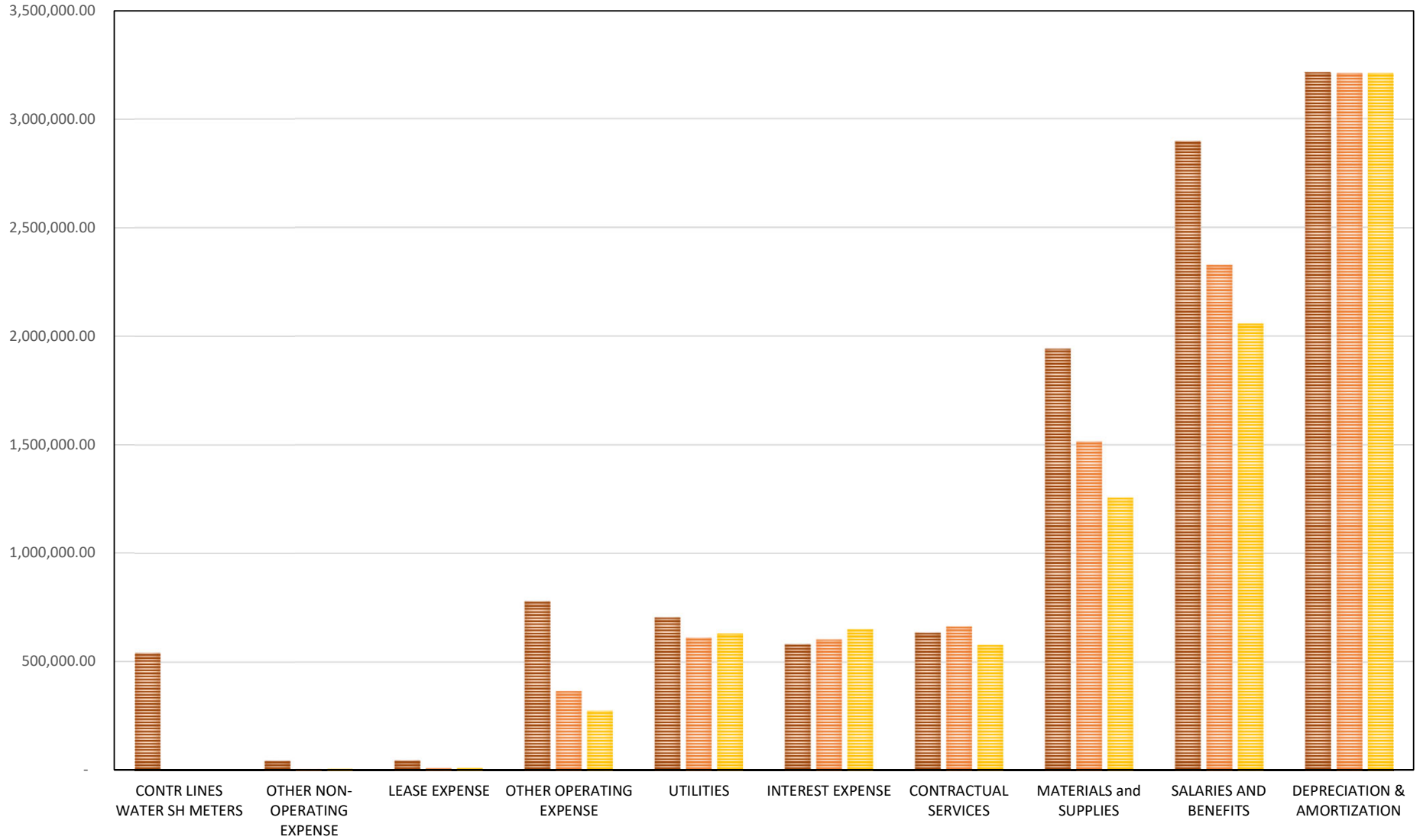
# SEPTEMBER 2021 YTD REVENUE BUDGET VS ACTUAL

■ Budgeted Revenue    
 ■ 2021 Actual Revenue YTD    
 ■ 2020 Actual Revenue YTD



## SEPTEMBER 2021 YTD EXPENSES BUDGET VS ACTUAL

■ Budgeted Expenses    
 ■ 2021 Actual Expenses YTD    
 ■ 2020 Actual Expenses YTD



MAGNA WATER DISTRICT  
BALANCE SHEET  
SEPTEMBER 30, 2021

ASSETS

01-00-1010-00	014198014 CHECKING	1,576,393.39
01-00-1011-00	5038 SEWER IMPACT FEES-RESTR	2,865,258.73
01-00-1012-00	TILL MONEY	900.00
01-00-1013-00	REFUND CHECKING ACCOUNT	( 12,047.83)
01-00-1015-00	EXPRESS EFT PAYMENTS	267,414.81
01-00-1027-00	610497 PROJECT CASH BONDS	261,066.91
01-00-1028-00	610505 PROJECT CASH BONDS	261,076.89
01-00-1030-00	PETTY CASH	400.00
01-00-1035-00	5767 - PROPERTY TAXES	5,933,496.12
01-00-1050-00	980984157 GO BOND PROCEEDS	2,695,947.39
01-00-1111-00	5039 - SECONDARY IMP FEE-RESTR	889,005.85
01-00-1112-00	5674 OPEB RESERVE	2,521,252.53
01-00-1118-00	4816 WW RESERVE ACCOUNT	217,685.63
01-00-1118-01	4816 SECONDARY SUBSIDY FUND	866,717.08
01-00-1124-01	3166 IMPACT FEES WATER-RESTR	4,378,626.86
01-00-1127-00	5436867A 2007 REV BOND-RESTR	297,196.95
01-00-1127-01	5436867A 07 REV BOND UNRES	82.89
01-00-1129-01	4319 REPLACE & RESERV-REST	4,564,985.99
01-00-1130-00	3900 SECONDARY WATER LINES	1,034,689.22
01-00-1145-00	5186 ATK FIXED SERV COSTS PMT	5,431,793.53
01-00-1257-00	5436867 2007 BOND FUND-RESTR	239,942.34
01-00-1262-00	5436869 2013 GO BOND FUND REST	238,479.81
01-00-1275-00	5436871 2017 GO BOND FUND	148.69
01-00-1290-00	5436872 SERIES 2019 BOND FUND	80.43
01-00-1300-00	CASH CLEARING - UTILITIES	113.51
01-00-1310-00	ACCTS REC. -WATER & SEWER	1,035,021.01
01-00-1315-00	CONTRACT AR	552.70
01-00-1320-00	ALLO UNCOLL. ACCT. (CRE.)	( 8,311.00)
01-00-1340-00	ALLOW UNCOLLECTIBLE TAXES	( 900.00)
01-00-1370-00	MISCELLANEOUS RECEIVABLES	1,136,682.60
01-00-1520-00	PREPAID EXPENSE	23,002.42
01-00-1530-00	OTHER - INVENTORY	217,106.75
01-00-1530-01	OTHER-METER INVENTORY	392,392.61
01-00-1580-00	SUSPENSE	( 460.00)
01-00-1610-00	ORGANIZATION	8,749.98
01-00-1620-00	LAND AND LAND RIGHTS	967,211.40
01-00-1640-00	FURNITURE & FIXTURES	106,668.11
01-00-1650-00	TRANSPORTATION EQUIPMENT	1,661,949.46
01-00-1660-00	OTHER GENERAL EQUIPMENT	1,192,965.29
01-00-1670-00	BUILDINGS	4,046,860.80
01-00-1690-00	LESS ACC. DEP. GEN. PLANT	( 2,184,624.40)
01-00-1702-00	WATER RIGHTS	350,592.00
01-00-1705-00	LAND AND LAND RIGHTS	2,101,239.61
01-00-1710-00	STRUCTURES & IMPROVEMENTS	28,354,634.29
01-00-1710-86	TRUCK GARAGE & SAND BINS AT SH	2,425.00
01-00-1715-00	COLL. & IMPD. RESERVOIRS	6,426,349.61
01-00-1715-94	GATEWAY TO LITTLE VALLEY	38,838.50
01-00-1720-00	WELLS AND SPRINGS	1,908,427.73
01-00-1740-00	TRANS. & DISTRIB. MAINS	23,116,054.33
01-00-1740-80	MORGAN ASPHALT WL UPGRADE	5,670.00
01-00-1740-81	2021 WATERLINE REPLACEMENT PRO	1,138,271.15
01-00-1745-00	SERVICE WATER CONNECTIONS	105,958.71
01-00-1750-00	WATER METERS	2,345,836.74
01-00-1765-00	LESS ACC. DEP WATER UT PL	( 29,234,129.64)
01-00-1810-00	LAND & LAND RIGHTS-SEWER	412,740.72
01-00-1820-00	WASTEWATER TREATMNT PLANT	37,060,232.37

MAGNA WATER DISTRICT  
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01-00-1840-00	CAP. INT.-NEW SEWAGE PLNT	270,373.89
01-00-1850-00	TRANS. & DISTR. LINES	13,754,218.30
01-00-1850-92	30" WESTSIDE COLLECT PROJ 1A	( 418,938.00)
01-00-1850-93	2019-2020 SEWER COLL REPAIRS	708,976.17
01-00-1850-94	MERIDIAN REST SEWER MAIN UPGRA	80,126.84
01-00-1880-00	OTHER GENERAL EQUIPMENT	339,924.73
01-00-1890-00	LESS ACC. DEP. -SEWER PLT	( 23,686,578.93)
01-00-1920-00	SECONDARY WATER SHARES	17,575.84
01-00-1925-00	CANAL SHARES	534,986.72
01-00-1930-00	SECONDARY TRANS & MAINS	8,708,943.66
01-00-1930-87	UPSIZE SECONDARY UDOT	11,646.43
01-00-1930-88	4100 S SECONDARY WATERLINE	651,616.51
01-00-1930-89	2019 SECONDARY WATER LINE PROJ	160,050.75
01-00-1930-91	SECONDARY WATER REUSE PIPELINE	155,616.38
01-00-1930-92	SECONDARY LINE COTTONWOOD LAND	41,880.23
01-00-1930-99	CW FARMS UPSIZE SEC 6" TO 16"	78,966.90
01-00-1935-00	SECONDARY WATER RESERVOIR	1,478,057.35
01-00-1940-00	SECONDARY METERS SET	98,958.29
01-00-1945-99	ZONE 3 SCONDY BOOSTR PUMP STA	62,532.32
01-00-1990-00	SECONDARY WATER ACCUM DEPRECIA	( 2,571,839.71)
01-00-1995-00	DEFERRED PENSION OUTFLOWS	484,916.00
01-00-1996-00	DEFERRED OPEB OUTFLOWS	882,335.00
		119,103,062.24
	TOTAL ASSETS	119,103,062.24

MAGNA WATER DISTRICT  
BALANCE SHEET  
SEPTEMBER 30, 2021

LIABILITIES AND EQUITY

LIABILITIES

01-00-2020-00	RETAINIAGE PAYABLE	67,604.00
01-00-2110-00	ACCOUNTS PAYABLE	427,283.02
01-00-2120-00	ACCRUED WAGES	( .02)
01-00-2125-00	OPEB OBLIGATION	2,466,509.48
01-00-2140-00	ACCRUED SICK LEAVE	87,886.81
01-00-2210-00	ACCRUED INTEREST 2019 GO BOND	88,910.81
01-00-2245-00	ACCR INT PAYABLE 2017 GO BOND	144,820.50
01-00-2260-00	2003 WATER RESOURCE INT PAYABL	576.93
01-00-2264-00	ACCRUED INTEREST 2013 GO BOND	45,383.19
01-00-2268-00	ACCRUED INT 2007REV BOND	54,630.00
01-00-2310-00	FEDERAL INC. TAX WITHHELD	.09
01-00-2320-00	STATE INC. TAXES WITHHELD	( 5,614.27)
01-00-2330-00	FICA WITHHELD	222.22
01-00-2335-00	DENTAL SELECT INSURANCE	( 691.40)
01-00-2340-00	401(K) WTH & PAID	( 749.69)
01-00-2345-00	EXECUTIVE PENSION	( 20,147.01)
01-00-2350-00	UNION DUES	( 1,370.00)
01-00-2354-00	OPEB DEFERRED INFLOWS	8,439.00
01-00-2355-00	NET PENSION LIABILITY	487,876.00
01-00-2360-00	EMPLOYER'S SUTA/WORK COMP	( 7,322.03)
01-00-2365-00	AFLAC WTH & PMTS	624.34
01-00-2370-00	ALLSTATE INSURANCE LIFE DIS	1,228.92
01-00-2372-00	AMER GEN LIFE INSURANCE	.07
01-00-2383-00	LINCOLN NATIONAL LIFE INS CO	43.38
01-00-2391-00	UITSF UNION HEALTH INSURANCE	34,089.00
01-00-2392-00	WCT UNION PENSION	20,628.36
01-00-2395-00	REGENCE BCBS INSURANCE	( 2,504.62)
01-00-2399-00	MISC PAYABLE	587,724.27
01-00-2410-00	HYDRANT DEPOSITS	52,061.00
01-00-2420-00	BANKRUPTCY DEPOSITS	469.36
01-00-2450-02	WAT LAO SALT LAKE	929.04
01-00-2450-11	MAGNA STORAGE UNITS	( 909.80)
01-00-2450-21	GRANITE SCHOOL DIST CYPRUS FIE	3,681.40
01-00-2450-23	MAGNA HAMPTONS	8,979.00
01-00-2450-26	OQUIRRH MEADOWS PHASE IV	6,909.95
01-00-2450-30	PLANET TOOTH	( 880.97)
01-00-2450-31	SENIOR CITIZENS CENTER	126.81
01-00-2450-34	TOLBERT SUBDIVISION	642.50
01-00-2450-35	DIAMOND TREE EXPERTS	678.00
01-00-2450-36	MAGNA LIBRARY	( 2,626.03)
01-00-2450-40	MILL POINT PROJECT	( .01)
01-00-2450-46	BONANZA MEADOWS SUB	717.00
01-00-2450-47	DAISY MEADOWS SUB	1,116.84
01-00-2450-51	WHITE FARMS/IVORY HOMES	21,051.69
01-00-2450-63	SAGE GATE HARKER'S LANDING	7,472.24
01-00-2450-71	ARTIC CIRCLE REBUILD	1,680.00
01-00-2450-79	GODFREY TRUCK MTNCE FACILITY	( 2,669.79)
01-00-2450-80	BURGER KING	2,660.40
01-00-2450-84	WINDSOR ESTATES	6,279.78
01-00-2450-85	GREAT WESTERN LEASING	2,390.34
01-00-2450-98	FAMILY DOLLAR STORE	1,427.09
01-00-2451-02	MOUNTAINWEST TRUCK CENTER	1,514.45
01-00-2451-03	EMR SHOP	370.10

MAGNA WATER DISTRICT  
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01-00-2451-08	FREEPORT WEST ARA BUILDING B	(	7,797.71)
01-00-2451-10	ATK WATERLINE 2100 S FOR RESID		559.50
01-00-2451-12	PENDLETON GROVE SUBDIVISION		7,244.47
01-00-2451-14	DOMINION ENERGY LNG FACILITY		19,592.64
01-00-2451-16	COPART OF AZ INC		1,377.70
01-00-2451-17	FIG COLONY FARMS LLC		57,347.88
01-00-2451-19	PENDLETON PUD SUBDIVISION	(	97.70)
01-00-2451-21	GABLERS GROVE IVORY HOMES		13,161.74
01-00-2451-22	SILVER SPUR OFFICE & SHOP		516.75
01-00-2451-23	MAGNA REGIONAL PARK PROJECT		2,046.45
01-00-2451-24	GATEWAY TO LITTLE VALLEY PROJE		11,664.48
01-00-2451-25	WVC PARKS PROJECT		4,575.17
01-00-2451-26	MAGNA APT & DINER REMODEL	(	189.00)
01-00-2451-27	201 MOUNTAIN VIEW PROJECT		22,483.05
01-00-2451-28	SWIFT TOWING IMPOUND LOT		900.00
01-00-2451-29	HOLIDAY OIL 7200 W		1,992.50
01-00-2451-30	8400 W TRAFFIC CALMING SLCO		795.30
01-00-2451-32	CALDER FIELD SUBDIVISION	(	8,684.00)
01-00-2451-33	MAGNA DETENTION PONDS/SLCO		450.00
01-00-2451-34	WASATCH FLEET SERVICE		1,932.38
01-00-2451-36	ARA INDUSTRIAL PARK BLDG D		9,856.12
01-00-2451-37	201 LOGISTICS CENTER PH I		25,292.27
01-00-2451-38	OQUIRRH MEADOWS PHASE V		16,224.63
01-00-2451-39	RWK 201		2,715.35
01-00-2451-40	RICHARDS RANCH		30,399.13
01-00-2451-41	7 ELEVEN 8400 W		7,675.88
01-00-2451-42	ARDERO 8000		223.50
01-00-2451-43	JCC WAREHOUSE		7,149.25
01-00-2451-44	QUICK QUACK WEST VALLEY		1,626.00
01-00-2451-45	TEANCUM PROPERTIES 2		2,032.57
01-00-2451-47	ARA INDUS CENTER PH3 ROADWAY		16,158.34
01-00-2451-49	SANSONE GROUPWAREHOUSE/FLEX BL		22,711.88
01-00-2451-50	CW FARMS PH 5 & 6		48,678.00
01-00-2451-51	MAVERIK 8000 WEST		4,904.73
01-00-2451-52	ARBOR PARK APARTMENTS PROJECT		255.00
01-00-2451-53	7200 W TOWNHOUSES		900.00
01-00-2451-54	GABLERS GROVE PHASE II		10,705.00
01-00-2451-55	JACOBSON LAYDOWN YARD		5,102.76
01-00-2451-56	WALLACE STEGNER ACADEMY		13,757.88
01-00-2451-57	ASTEND AT LITTLE VALLEY - APTS		900.00
01-00-2451-58	BRENNAN CREEK		21,912.00
01-00-2451-59	GAZELLE PROJECT BY DOMINION EN		13,453.52
01-00-2451-62	GABLER'S GROVE PHASE III IVORY		46,528.64
01-00-2451-63	ARBOR PARK TOWNHOMES		36,052.52
01-00-2451-66	MAGNA STORAGE UNITS 215 DEVEL		7,041.00
01-00-2451-68	DG MAGNA WAREHOUSE		7,731.00
01-00-2512-00	VEHICLE LEASE PAYABLE		466,196.78
01-00-2530-00	2007 REV BOND WATER RESOURCE		4,633,000.00
01-00-2545-00	2013 GO REFUNDING BOND		4,050,000.00
01-00-2558-00	2017 GO BOND PAYABLE		11,935,000.00
01-00-2559-00	2019 GO BOND PAYABLE		7,490,000.00
01-00-2562-00	2003 WATER RESOURCE LOAN - SEC		349,937.89
01-00-2562-01	2003 WR LOAN CURR PORTION	(	.04)
01-00-2570-00	2017 BOND PREMIUM		691,895.60
01-00-2575-00	2019 BOND PREMIUM		630,529.32
01-00-2580-00	2013 BOND PREMIUM		140,221.92
01-00-2590-00	SECONDARY WATER DEDICATION CRE		754,119.00

MAGNA WATER DISTRICT  
BALANCE SHEET  
SEPTEMBER 30, 2021

TOTAL LIABILITIES 36,230,910.78

FUND EQUITY

UNAPPROPRIATED FUND BALANCE:

01-00-3010-00	UNRESTRICTED NET ASSETS	26,171,891.12
01-00-3020-00	RESTRICTED FOR DEBT SERVICE	636,530.00
01-00-3030-00	RESTRICTED FOR CAPITAL PROJECT	5,209,950.66
01-00-3100-00	INV IN FIXED ASSET NET DEBT	48,641,094.00
	REVENUE OVER EXPENDITURES - YTD	<u>2,212,685.68</u>

BALANCE - CURRENT DATE 82,872,151.46

TOTAL FUND EQUITY 82,872,151.46

TOTAL LIABILITIES AND EQUITY 119,103,062.24

MAGNA WATER DISTRICT  
REVENUES AND EXPENDITURES WITH COMPARISON TO BUDGET  
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2021

	PY ACTUAL	YTD ACTUAL	BUDGET	REMAINING	PCNT
<u>WATER</u>					
01-01-4000-00 WATER SALES	3,475,250.05	3,258,888.16	3,224,997.00	( 33,891.16)	101.1
01-01-4001-00 FLUORIDE SALES	94,241.76	42,555.31	97,497.00	54,941.69	43.7
01-01-4005-00 WATER METER SET	144,792.00	155,218.00	127,503.00	( 27,715.00)	121.7
01-01-4007-00 WATER INSPECTION	172,737.83	49,860.21	172,503.00	122,642.79	28.9
01-01-4008-00 WATER BUY-IN	87,885.00	264,219.00	56,250.00	( 207,969.00)	469.7
01-01-4010-00 WATER IMPACT FEE	1,953,395.00	1,712,195.00	600,003.00	( 1,112,192.00)	285.4
01-01-4013-00 INCOME CONTRIBUTED CAPITAL	.00	.00	225,000.00	225,000.00	.0
01-01-4014-00 WATER LETTER	150.00	.00	378.00	378.00	.0
01-01-4015-00 METER TAMPERING FEE	55.00	300.00	378.00	78.00	79.4
01-01-4016-00 FEES (DELINQUENT ACCTS)	1,579.97	3,132.34	3,375.00	242.66	92.8
01-01-4040-00 OTHER OPER. INCOME-WATER	84,718.07	188,054.46	29,997.00	( 158,057.46)	626.9
01-01-4044-00 PROPERTY TAX REVENUE 42.50%	162,744.46	229,839.36	1,096,686.00	866,846.64	21.0
01-01-4060-00 GAIN ON SALE OF ASSETS	.00	24,948.63	1,503.00	( 23,445.63)	1659.9
01-01-4065-00 INDUSTRY COST SHARE INCOME	.00	.00	135,000.00	135,000.00	.0
01-01-4080-00 OTHER NON-OPERATING INCOM	671.80	1,748.10	72.00	( 1,676.10)	2427.9
01-01-4080-01 GRANT MONIES JVVCD CONSERVATIO	.00	.00	26,253.00	26,253.00	.0
TOTAL WATER REVENUE	6,178,220.94	5,930,958.57	5,797,395.00	( 133,563.57)	102.3



MAGNA WATER DISTRICT  
REVENUES AND EXPENDITURES WITH COMPARISON TO BUDGET  
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2021

	PY ACTUAL	YTD ACTUAL	BUDGET	REMAINING	PCNT
01-01-4115-00 SALARIES - WATER	371,777.90	486,841.97	492,750.00	5,908.03	98.8
01-01-4130-00 PAYROLL TAXES	31,987.50	42,491.60	86,247.00	43,755.40	49.3
01-01-4135-00 EMPLOYEE FRINGE BENEFITS	164,373.50	220,853.10	279,747.00	58,893.90	79.0
01-01-4150-00 ENGINEERING	14,273.25	.00	71,253.00	71,253.00	.0
01-01-4150-01 WELL EVAL & GRWATER MONITORING	11,588.70	.00	.00	.00	.0
01-01-4150-03 TANK RELOCATION STUDY	10,010.00	.00	.00	.00	.0
01-01-4150-05 SCADA SYSTEM (DIST)	38,582.50	.00	22,500.00	22,500.00	.0
01-01-4150-06 SOURCE WATER PROTECTION	2,351.21	.00	.00	.00	.0
01-01-4150-07 EMERGENCY RESPONSE PLAN	1,660.35	977.24	18,747.00	17,769.76	5.2
01-01-4150-08 2021 TANK PAINTING & REPAIRS	.00	247,149.80	.00	( 247,149.80)	.0
01-01-4156-00 MAINTENANCE CONTRACTS	2,192.48	2,863.70	1,503.00	( 1,360.70)	190.5
01-01-4160-00 EQUIPMENT LEASE EXPENSE	12,104.95	11,252.60	26,253.00	15,000.40	42.9
01-01-4165-00 JANITORIAL EDR	3,449.00	3,672.00	4,203.00	531.00	87.4
01-01-4170-00 WATER LAB & TESTING	19,220.40	12,730.84	20,250.00	7,519.16	62.9
01-01-4173-00 FIRST AID & SAFETY	742.24	326.41	4,500.00	4,173.59	7.3
01-01-4175-00 OTHER CONTRACTUAL SERVICE	9,000.00	9,000.00	9,000.00	.00	100.0
01-01-4178-00 INSPECTION EXPENSE	35,978.84	11,531.61	41,247.00	29,715.39	28.0
01-01-4180-00 WATER PURCHASED	218,182.18	218,937.28	291,753.00	72,815.72	75.0
01-01-4185-00 REPAIRS MAINTENANCE-WATER	301,576.18	530,619.26	452,250.00	( 78,369.26)	117.3
01-01-4215-00 UNIFORMS AND LINEN WATER	7,377.16	9,557.05	7,497.00	( 2,060.05)	127.5
01-01-4216-00 STORMWATER FEE FOR EDR	548.80	730.80	747.00	16.20	97.8
01-01-4217-00 GARBAGE COLLECTION	4,549.54	3,569.95	4,500.00	930.05	79.3
01-01-4220-00 OFFICE SUPPLIES	2,446.57	2,768.99	2,628.00	( 140.99)	105.4
01-01-4220-01 OFFICE EQUIPMENT EXPENSE	4,531.87	1,539.98	4,500.00	2,960.02	34.2
01-01-4230-00 QUESTAR GAS	15,723.50	17,352.54	18,000.00	647.46	96.4
01-01-4230-01 ROCKY MOUNTAIN POWER	38,585.84	86,653.36	375,003.00	288,349.64	23.1
01-01-4230-02 BARTON 1&2 201610860078	294,137.33	178,963.18	.00	( 178,963.18)	.0
01-01-4230-05 ZONE 3 CUL PMP ST 201610860011	2,142.68	1,635.08	.00	( 1,635.08)	.0
01-01-4230-06 BOOSTER STA. 201610860060	22,080.87	13,453.09	.00	( 13,453.09)	.0
01-01-4230-07 BACHUS RESV. 201610860029	517.97	506.47	.00	( 506.47)	.0
01-01-4230-08 3500 S. TNKS. 201610860011	2,785.28	6,114.88	.00	( 6,114.88)	.0
01-01-4230-09 VFORGE RESERV 259599560036	7,677.61	16,625.66	.00	( 16,625.66)	.0
01-01-4230-10 JORDAN V CON 259599560044	157.74	.00	.00	.00	.0
01-01-4240-00 CMENT SHP 259599560010	3,608.56	4,114.50	.00	( 4,114.50)	.0
01-01-4244-00 CHEMICALS WATER PLANT	46,469.24	57,512.76	48,753.00	( 8,759.76)	118.0
01-01-4250-00 TELEPHONE/DATA SERVICES	2,864.17	3,790.50	3,897.00	106.50	97.3
01-01-4255-00 PERFORMANCE & EVALUATION	.00	.00	4,500.00	4,500.00	.0
01-01-4257-00 CELLULAR - PHONES SERVICE	2,340.23	2,198.70	3,600.00	1,401.30	61.1
01-01-4258-00 SAFETY TRAINING PROGRAM	.00	.00	2,997.00	2,997.00	.0
01-01-4270-00 DEPRECIATION-WATER UTILITY	1,500,003.00	1,500,003.00	1,530,000.00	29,997.00	98.0
01-01-4320-00 VEHICLE/EQUIPMENT GAS & REPAIR	( 918.53)	.00	.00	.00	.0
01-01-4320-04 2018 KWT370 DUMP TRUCK 181820	540.98	2,152.73	747.00	( 1,405.73)	288.2
01-01-4320-07 2000 END DUMP PUP TRAILER	.00	139.12	.00	( 139.12)	.0
01-01-4320-08 F550 2 1/2 TON 4 DOOR SERVICE	1,275.65	2,878.54	1,503.00	( 1,375.54)	191.5
01-01-4320-11 CAT BACKHOE 430 D	117.43	392.11	747.00	354.89	52.5
01-01-4320-12 HAULMARK TRAILER	.00	114.85	.00	( 114.85)	.0
01-01-4320-16 86 METAL CRAFT TRAILER	127.86	75.81	153.00	77.19	49.6
01-01-4320-21 2009 GMC CANYON 4X4	370.29	1,868.69	603.00	( 1,265.69)	309.9
01-01-4320-22 2014 970 HUSQUAVARNA SAW	245.80	.00	603.00	603.00	.0
01-01-4320-25 1" HONDA PUMP	.00	34.20	.00	( 34.20)	.0
01-01-4320-35 2021 CHEV 3500 SLVRDO	.00	2,510.84	.00	( 2,510.84)	.0
01-01-4320-39 2000 SEWER TRUCK	40.65	.00	1,125.00	1,125.00	.0
01-01-4320-44 F750 FORD SERVICE TRUCK	1,568.31	1,647.03	2,250.00	602.97	73.2
01-01-4320-45 08 VAC TRUCK	6,489.57	34,850.29	10,872.00	( 23,978.29)	320.6
01-01-4320-46 CB 34 ROLLER	.00	215.99	.00	( 215.99)	.0
01-01-4320-49 94 J.D. BACKHOE	316.06	.00	450.00	450.00	.0

MAGNA WATER DISTRICT  
REVENUES AND EXPENDITURES WITH COMPARISON TO BUDGET  
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2021

	PY ACTUAL	YTD ACTUAL	BUDGET	REMAINING	PCNT
01-01-4320-54 TRAILER SPRAYER & PUMP	.00	3.16	.00	( 3.16)	.0
01-01-4320-56 TRAIL KING TRAILER	150.14	422.47	378.00	( 44.47)	111.8
01-01-4320-63 2021 CHEV SLVRDO 1500 236331	712.50	9,665.68	747.00	( 8,918.68)	1293.9
01-01-4320-64 F-150 FORD 2013 B04364	1,109.84	.00	1,197.00	1,197.00	.0
01-01-4320-66 PARTNER SAW	.00	537.52	.00	( 537.52)	.0
01-01-4320-67 2021 CHEV TRAVERSE 162475	.00	587.93	.00	( 587.93)	.0
01-01-4320-69 2021 CHEV SLVRDO 1500 236513	1,733.14	2,927.35	1,872.00	( 1,055.35)	156.4
01-01-4320-74 STERLINE DUMP TRUCK	1,051.60	6,718.67	1,125.00	( 5,593.67)	597.2
01-01-4320-76 2021 CHEV SLVRADO 1500 236566	1,870.57	3,717.05	1,872.00	( 1,845.05)	198.6
01-01-4320-81 2021 CHEV SLVRDO 1500 236735	1,228.33	1,407.07	1,503.00	95.93	93.6
01-01-4320-83 2021 CHEV SLVRDO 3500 227731	.00	2,586.28	.00	( 2,586.28)	.0
01-01-4320-84 BACKHOE 420F2 SN 01576	5,144.98	944.64	5,247.00	4,302.36	18.0
01-01-4320-85 2021 CHEV SLVRDO 3500 227581	.00	1,098.40	.00	( 1,098.40)	.0
01-01-4320-87 CAT MINI-EX	650.00	214.11	747.00	532.89	28.7
01-01-4320-98 RENTAL EQUIP (GAS) FUEL	.00	506.31	.00	( 506.31)	.0
01-01-4345-00 CONSERVATION	.00	.00	2,997.00	2,997.00	.0
01-01-4350-00 TRAINING	9,437.84	4,850.00	13,500.00	8,650.00	35.9
01-01-4355-00 DUES, MEMBERSHIPS	4,972.00	5,098.50	5,247.00	148.50	97.2
01-01-4360-00 BAD DEBTS	12,485.88	7,411.31	11,250.00	3,838.69	65.9
01-01-4370-00 INSURANCE	55,163.00	63,104.00	63,747.00	643.00	99.0
01-01-4380-00 MISC. OPERATING EXPENSE	579.71	4,483.88	3,753.00	( 730.88)	119.5
01-01-4510-00 CDRA PROPERTY TAX EXPENSE	.00	.00	187,497.00	187,497.00	.0
01-01-4519-00 AMORTIZ OF PREMIUM DISC 2013	( 6,146.82)	( 6,146.82)	( 6,147.00)	( .18)	(100.0)
01-01-4525-00 AMORT OF PREMIUM DISC 2017	( 10,295.82)	( 10,295.82)	( 10,350.00)	( 54.18)	( 99.5)
01-01-4527-00 2019 GO BOND PREMIUM AMORT	.00	( 8,321.67)	( 8,325.00)	( 3.33)	(100.0)
01-01-4540-00 LEASE INTERST EXPENSE	6,120.95	2,272.43	7,497.00	5,224.57	30.3
01-01-4551-00 INTEREST EXP 2007 REV BOND	54,630.00	54,630.00	52,497.00	( 2,133.00)	104.1
01-01-4554-00 INTEREST EXP 2013 BOND 48.22%	47,091.33	47,091.33	45,000.00	( 2,091.33)	104.7
01-01-4557-00 INTEREST EXPENSE 2017 GO BOND	100,601.55	100,601.55	96,003.00	( 4,598.55)	104.8
01-01-4559-00 INTEREST EXP FOR 2019 BOND	65,844.15	62,210.70	59,247.00	( 2,963.70)	105.0
01-01-4560-00 OTHER NON-OPERATING EXPNS	745.50	1,498.99	1,503.00	4.01	99.7
01-01-5001-00 EDR MAINTENANCE	111,744.47	118,926.80	299,997.00	181,070.20	39.6
01-01-5005-00 EDR CHEMICALS	20,026.48	22,224.55	22,500.00	275.45	98.8
01-01-5015-00 EDR SAMPLING	3,320.40	2,240.00	5,247.00	3,007.00	42.7
<b>TOTAL WATER EXPENSE</b>	<b>3,707,744.93</b>	<b>4,256,434.47</b>	<b>4,715,226.00</b>	<b>458,791.53</b>	<b>90.3</b>
<b>TOTAL WATER NET REVENUE/INCOME(LOSS)</b>	<b>2,470,476.01</b>	<b>1,674,524.10</b>	<b>1,082,169.00</b>	<b>( 592,355.10)</b>	<b>154.7</b>

MAGNA WATER DISTRICT  
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	PY ACTUAL	YTD ACTUAL	BUDGET	REMAINING	PCNT
<u>SEWER</u>					
01-02-4000-00 SEWER SERVICE CHARGES	2,799,878.89	2,900,334.17	2,774,997.00	( 125,337.17)	104.5
01-02-4007-00 SEWER INSPECTION	335,815.72	124,130.88	172,503.00	48,372.12	72.0
01-02-4008-00 SEWER BUY-IN	91,212.00	523,641.00	74,997.00	( 448,644.00)	698.2
01-02-4010-00 SEWER CONNECTION	1,806,575.00	995,002.00	450,000.00	( 545,002.00)	221.1
01-02-4013-00 INCOME CONTRIBUTED CAPITAL	.00	.00	225,000.00	225,000.00	.0
01-02-4014-00 SEWER LETTER	60.00	.00	72.00	72.00	.0
01-02-4040-00 OTHER OPER. INCOME-SEWER	.00	.00	72.00	72.00	.0
01-02-4044-00 PROPERTY TAX REVENUE 44.07%	169,322.46	238,869.18	1,137,177.00	898,307.82	21.0
01-02-4060-00 GAIN ON SALE OF ASSETS	.00	25,242.87	2,997.00	( 22,245.87)	842.3
01-02-4080-00 OTHER NON-OPERATING INCOM	600.00	784.25	603.00	( 181.25)	130.1
TOTAL SEWER REVENUE	5,203,464.07	4,808,004.35	4,838,418.00	30,413.65	99.4

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REVENUES AND EXPENDITURES WITH COMPARISON TO BUDGET  
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	PY ACTUAL	YTD ACTUAL	BUDGET	REMAINING	PCNT
01-02-4115-00 SALARIES - SEWER	457,067.53	395,554.11	517,500.00	121,945.89	76.4
01-02-4130-00 PAYROLL TAXES	40,830.25	36,481.30	100,503.00	64,021.70	36.3
01-02-4135-00 EMPLOYEE FRINGE BENEFITS	189,932.28	190,045.07	257,247.00	67,201.93	73.9
01-02-4150-00 ENGINEERING STUDY WWTP FUTURE	41,165.39	112,845.44	15,003.00	( 97,842.44)	752.2
01-02-4160-00 EQUIPMENT LEASE EXPENSE	.00	.00	18,747.00	18,747.00	.0
01-02-4165-00 JANITORIAL WWTP ADMIN	1,888.00	1,665.00	1,953.00	288.00	85.3
01-02-4170-00 SEWER LAB & TESTING	25,726.70	32,118.92	29,997.00	( 2,121.92)	107.1
01-02-4173-00 FIRST AID & SAFETY	1,154.01	467.79	2,997.00	2,529.21	15.6
01-02-4175-00 OTHER CONTRACTUAL SERVICE	9,000.00	9,000.00	9,000.00	.00	100.0
01-02-4178-00 INSPECTION EXPENSE	55,616.31	25,401.33	48,753.00	23,351.67	52.1
01-02-4185-00 REPAIRS MAINTENANCE-SEWER	278,008.30	295,852.09	450,000.00	154,147.91	65.7
01-02-4215-00 UNIFORMS AND LINEN SEWER	11,747.05	13,480.57	15,003.00	1,522.43	89.9
01-02-4217-00 GARBAGE COLLECTION	20,386.90	16,278.54	24,003.00	7,724.46	67.8
01-02-4220-00 OFFICE SUPPLIES	2,988.24	3,882.60	3,375.00	( 507.60)	115.0
01-02-4220-01 OFFICE EQUIPMENT EXPENSE	3,581.97	1,689.97	4,500.00	2,810.03	37.6
01-02-4230-00 QUESTAR GAS	18,544.80	19,226.92	26,253.00	7,026.08	73.2
01-02-4230-01 POWER 7650 W 2100 S 15460016	45,915.13	47,977.59	206,253.00	158,275.41	23.3
01-02-4230-02 POWER WWTP 10860177 CONT & USG	119,521.70	154,973.59	.00	( 154,973.59)	.0
01-02-4230-12 POWER ADMIN BLDG 10860169	81.19	87.84	.00	( 87.84)	.0
01-02-4244-00 CHEMICALS - SEWER	96,410.04	103,709.29	112,500.00	8,790.71	92.2
01-02-4250-00 TELEPHONE/DATA SERVICES	6,229.16	6,998.52	7,497.00	498.48	93.4
01-02-4255-00 PERFORMANCE & EVALUATION	.00	.00	3,753.00	3,753.00	.0
01-02-4257-00 CELLULAR - PHONES SERVICE	5,654.39	7,638.83	6,147.00	( 1,491.83)	124.3
01-02-4258-00 SAFETY TRAINING PROGRAM	.00	.00	2,250.00	2,250.00	.0
01-02-4270-00 DEPRECIATION-SEWER UTILITY	1,125,000.00	1,125,000.00	1,125,000.00	.00	100.0
01-02-4320-00 VEHICLE/EQUIP GAS & REPAIRS	( 1,099.38)	.00	522.00	522.00	.0
01-02-4320-03 2016 FORD F-350 VIN 39347	1,772.93	1,851.12	2,250.00	398.88	82.3
01-02-4320-06 2007 CHEV PICKUP VIN 542936	.00	199.66	.00	( 199.66)	.0
01-02-4320-10 2007 CHEV PICKUP VIN 546906	201.83	400.16	747.00	346.84	53.6
01-02-4320-30 2015 VACTOR TRUCK FREIGHTLINER	2,403.11	4,565.63	3,753.00	( 812.63)	121.7
01-02-4320-33 SEWER MOBILE TRACK/EASMENT MAC	595.82	.00	1,125.00	1,125.00	.0
01-02-4320-37 JD LAWN TRACTOR D170 604638	906.95	139.96	1,503.00	1,363.04	9.3
01-02-4320-48 JD LAWN TRACTOR (1991)	370.60	.00	522.00	522.00	.0
01-02-4320-52 2013 CAMERA VAN 78965	2,926.46	9,442.70	4,500.00	( 4,942.70)	209.8
01-02-4320-55 2019 KENWTH T880 TRUCK 247348	700.96	1,731.53	747.00	( 984.53)	231.8
01-02-4320-58 95 VOLVO WHEEL LOADR FUEL	1,426.65	456.94	1,503.00	1,046.06	30.4
01-02-4320-60 10-WHEELER DUMP TRUCK	1,022.27	.00	1,125.00	1,125.00	.0
01-02-4320-61 2016 MACK DUMP TRUCK	160.00	2,210.59	378.00	( 1,832.59)	584.8
01-02-4320-62 LOADER 544K VIN 679569	35.00	162.47	747.00	584.53	21.8
01-02-4320-65 2021 CHEV SLVRDO 1500 236350	1,146.03	1,438.05	1,350.00	( 88.05)	106.5
01-02-4320-68 VENTRAC MOWER	.00	55.08	.00	( 55.08)	.0
01-02-4320-77 2021 CHEV SLVRDO 1500 236596	2,486.31	1,462.25	2,853.00	1,390.75	51.3
01-02-4320-78 2021 CHEV SLVRDO 1500 236596	2,228.55	1,805.73	2,628.00	822.27	68.7
01-02-4320-79 2021 CHEV SLVRDO 1500 236679	665.81	2,204.56	1,125.00	( 1,079.56)	196.0
01-02-4320-80 FORD F150 LEASED 01967	.00	.00	1,125.00	1,125.00	.0
01-02-4320-86 BACKHOE 420F2	.00	.00	1,125.00	1,125.00	.0
01-02-4320-87 ECHO GAS TRIMMER AT WWTP	.00	319.99	.00	( 319.99)	.0
01-02-4320-99 SMALL EQUIP (GAS) FUEL	185.44	417.17	378.00	( 39.17)	110.4
01-02-4350-00 TRAINING	3,145.50	5,875.59	7,497.00	1,621.41	78.4
01-02-4355-00 DUES, MEMBERSHIPS	2,295.00	512.50	3,375.00	2,862.50	15.2
01-02-4360-00 BAD DEBTS	991.47	5.47	3,753.00	3,747.53	.2
01-02-4370-00 INSURANCE	54,165.00	55,737.00	56,250.00	513.00	99.1
01-02-4380-00 MISC. OPERATING EXPENSE	815.30	2,891.79	5,247.00	2,355.21	55.1
01-02-4510-00 CDRA PROPERTY TAX EXPENSE	.00	.00	187,497.00	187,497.00	.0
01-02-4520-00 AMORT ON 2013 BOND PREMIUM	( 6,600.69)	( 6,600.69)	( 6,750.00)	( 149.31)	( 97.8)
01-02-4525-00 AMORT ON 2017 BOND PREMIUM	( 14,142.87)	( 14,142.87)	( 14,247.00)	( 104.13)	( 99.3)

MAGNA WATER DISTRICT  
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	PY ACTUAL	YTD ACTUAL	BUDGET	REMAINING	PCNT
01-02-4527-00 AMORT ON 2019 BOND PREMIUM	.00	( 11,431.17)	( 11,475.00)	( 43.83)	( 99.6)
01-02-4540-00 LEASE INTERST EXPENSE	6,120.95	1,513.44	5,247.00	3,733.56	28.8
01-02-4554-00 INTEREST EXP 2013 BBOND 51.78%	50,568.03	50,568.03	45,747.00	( 4,821.03)	110.5
01-02-4558-00 INTEREST EXPENSE 2017 GO BOND	138,191.76	138,191.76	131,247.00	( 6,944.76)	105.3
01-02-4559-00 INTEREST EXP 2019 BOND	90,447.18	85,456.08	81,072.00	( 4,384.08)	105.4
01-02-4560-00 OTHER NON-OPERATING EXPNS	1,936.12	1,096.47	29,997.00	28,900.53	3.7
<b>TOTAL SEWER EXPENSE</b>	<b>2,902,517.43</b>	<b>2,938,912.30</b>	<b>3,542,697.00</b>	<b>603,784.70</b>	<b>83.0</b>
<b>TOTAL SEWER NET REVENUE/INCOME(LOSS)</b>	<b>2,300,946.64</b>	<b>1,869,092.05</b>	<b>1,295,721.00</b>	<b>( 573,371.05)</b>	<b>144.3</b>

MAGNA WATER DISTRICT  
 REVENUES AND EXPENDITURES WITH COMPARISON TO BUDGET  
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	PY ACTUAL	YTD ACTUAL	BUDGET	REMAINING	PCNT
<u>ADMINISTRATIVE</u>					
01-03-4007-00 ENGINEERING REVENUE - SUBDIVIS	14,838.30	74,437.00	74,997.00	560.00	99.3
01-03-4011-00 NON RESIDENT FEES	40,280.40	40,280.40	37,503.00	( 2,777.40)	107.4
01-03-4020-00 INTEREST INCOME-INVESTMS	267,120.32	93,442.09	240,003.00	146,560.91	38.9
01-03-4040-00 OTHER OPER. INCOME-GENERAL	20.00	1,613.85	.00	( 1,613.85)	.0
01-03-4060-00 GAIN ON SALE OF ASSETS	.00	6,223.22	378.00	( 5,845.22)	1646.4
01-03-4080-00 OTHER NON-OPERATING INCOM	11,473.37	3,948.37	6,003.00	2,054.63	65.8
TOTAL ADMINISTRATIVE REVENUE	333,732.39	219,944.93	358,884.00	138,939.07	61.3

MAGNA WATER DISTRICT  
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	PY ACTUAL	YTD ACTUAL	BUDGET	REMAINING	PCNT
01-03-4105-00 TRUSTEE COMPENSATION	11,250.09	11,250.09	11,250.00	( .09)	100.0
01-03-4115-00 SALARIES-OFFICE	126,461.54	151,299.78	135,000.00	( 16,299.78)	112.1
01-03-4116-00 SALARIES - MANAGEMENT	376,185.00	422,786.59	472,500.00	49,713.41	89.5
01-03-4120-00 OFFICE - PAYROLL TAXES	8,818.26	11,338.68	15,003.00	3,664.32	75.6
01-03-4130-00 MANAGEMENT - PR TAXES	32,413.52	36,446.63	41,247.00	4,800.37	88.4
01-03-4135-00 FRINGE BENEFITS - OFFICE	66,747.29	84,970.68	93,753.00	8,782.32	90.6
01-03-4138-00 MANAGEMENT FRINGE BENEFITS	176,720.80	236,356.07	318,753.00	82,396.93	74.2
01-03-4139-00 OPEB EXPENSE	2,212.75	.00	74,997.00	74,997.00	.0
01-03-4140-00 LEGAL EXPENSE	55,675.50	36,373.00	74,997.00	38,624.00	48.5
01-03-4142-00 PAYROLL PROCESSING SERVICE	5,188.80	4,575.40	7,497.00	2,921.60	61.0
01-03-4145-00 ACCOUNTING AND AUDITING	.00	12,500.00	18,747.00	6,247.00	66.7
01-03-4147-00 HUMAN RESOURCES	680.00	.00	.00	.00	.0
01-03-4150-00 ENGINEERING SERVICES	54,074.95	62,029.62	74,997.00	12,967.38	82.7
01-03-4150-01 CAROLLO REU/SEC WAT SYS STUDY	4,930.00	.00	.00	.00	.0
01-03-4150-03 GDA GIS SERVICES	71,062.72	23,313.90	56,250.00	32,936.10	41.5
01-03-4150-04 MASTER PLAN STUDY	37,727.50	9,182.50	.00	( 9,182.50)	.0
01-03-4151-00 ENGINEERING EXP - SUBDIVISIONS	14,838.30	1,435.00	11,250.00	9,815.00	12.8
01-03-4155-00 DATA PROCESSING	7,840.00	7,120.00	15,003.00	7,883.00	47.5
01-03-4156-00 DATA PROC.MAINT. SERVICE	25,546.68	22,853.51	26,253.00	3,399.49	87.1
01-03-4165-00 JANITORIAL GENERAL OFFICE	4,589.97	5,470.59	6,003.00	532.41	91.1
01-03-4173-00 FIRST AID & SAFETY	330.99	338.52	3,600.00	3,261.48	9.4
01-03-4175-00 OTHER CONTRACTUAL SERVICE	.00	1,920.02	.00	( 1,920.02)	.0
01-03-4176-00 WEB DEVELOPMENT	798.45	499.45	1,125.00	625.55	44.4
01-03-4185-00 REPAIR AND MAINT - OFFICE	25,171.25	38,436.01	60,003.00	21,566.99	64.1
01-03-4215-00 OFFICE RUGS & UNIFORMS	470.65	607.38	900.00	292.62	67.5
01-03-4220-00 OFFICE SUPPLIES	7,682.03	9,786.98	11,250.00	1,463.02	87.0
01-03-4220-01 OFFICE EQUIPMENT EXPENSE	5,915.01	2,619.98	7,497.00	4,877.02	35.0
01-03-4225-00 POSTAGE	35,276.71	48,694.01	37,503.00	( 11,191.01)	129.8
01-03-4230-00 ROCKY MTN POWER 201610860177	1,730.33	3,140.29	2,250.00	( 890.29)	139.6
01-03-4235-00 QUESTAR	1,436.21	2,058.78	2,997.00	938.22	68.7
01-03-4250-00 TELEPHONE/DATA SERVICES	17,619.99	17,891.92	26,253.00	8,361.08	68.2
01-03-4255-00 PERFORMANCE & EVALUATION	.00	.00	1,503.00	1,503.00	.0
01-03-4257-00 CELLULAR - PHONES SERVICE	2,538.14	3,009.11	4,500.00	1,490.89	66.9
01-03-4258-00 SAFETY TRAINING PROGRAM	.00	.00	747.00	747.00	.0
01-03-4270-00 DEPRECIATION - GEN. PLANT	315,000.00	315,000.00	299,997.00	( 15,003.00)	105.0
01-03-4320-00 VEHICLE GAS & REPAIRS	( 241.59)	.00	747.00	747.00	.0
01-03-4320-31 2017 F150 SN 76671	787.43	1,772.72	747.00	( 1,025.72)	237.3
01-03-4320-82 2021 CHEV TRAVERSE 162491	.00	1,416.69	.00	( 1,416.69)	.0
01-03-4350-00 TRAINING	3,001.00	5,564.22	3,753.00	( 1,811.22)	148.3
01-03-4355-00 DUES, MEMBERSHIPS	385.00	11,773.40	11,250.00	( 523.40)	104.7
01-03-4370-00 INSURANCE	4,808.51	5,160.51	7,497.00	2,336.49	68.8
01-03-4375-00 ADVERTISING & PUBLIC RELA	255.00	2,217.35	7,497.00	5,279.65	29.6
01-03-4380-00 MISC. OPERATING EXPENSE	3,469.84	4,349.28	3,897.00	( 452.28)	111.6
01-03-4385-00 CASH SHORTAGE/OVERAGE	54.33	( 55.50)	36.00	91.50	(154.2)
01-03-4540-00 LEASE INTEREST EXPENSE	1,530.24	766.10	1,872.00	1,105.90	40.9
01-03-4550-00 BANK SERVICE FEES	74,854.90	75,383.69	74,997.00	( 386.69)	100.5
01-03-4560-00 OTHER NON-OPERATING EXPNS	5,739.09	3,769.65	11,250.00	7,480.35	33.5
<b>TOTAL ADMINISTRATIVE EXPENSE</b>	<b>1,591,577.18</b>	<b>1,695,422.60</b>	<b>2,037,168.00</b>	<b>341,745.40</b>	<b>83.2</b>
<b>TOTAL ADMINISTRATIVE NET REVENUE/INCOME(L)</b>	<b>( 1,257,844.79)</b>	<b>( 1,475,477.67)</b>	<b>( 1,678,284.00)</b>	<b>( 202,806.33)</b>	<b>( 87.9)</b>

MAGNA WATER DISTRICT  
REVENUES AND EXPENDITURES WITH COMPARISON TO BUDGET  
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2021

	PY ACTUAL	YTD ACTUAL	BUDGET	REMAINING	PCNT
<u>SECONDARY WATER</u>					
01-04-4000-00	217,049.42	177,854.56	209,997.00	32,142.44	84.7
01-04-4002-00	.00	886.00	.00	( 886.00)	.0
01-04-4003-00	( 11.53)	( 95.12)	.00	95.12	.0
01-04-4005-00	6,987.64	155,728.46	7,497.00	( 148,231.46)	2077.2
01-04-4007-00	14,276.08	38,217.58	18,747.00	( 19,470.58)	203.9
01-04-4010-00	275,107.00	115,068.00	187,497.00	72,429.00	61.4
01-04-4013-00	.00	.00	90,000.00	90,000.00	.0
01-04-4014-00	30.00	.00	450.00	450.00	.0
01-04-4044-00	31,443.89	72,995.69	346,401.00	273,405.31	21.1
01-04-4060-00	.00	9,137.24	747.00	( 8,390.24)	1223.2
01-04-4080-00	.00	.00	26,253.00	26,253.00	.0
<b>TOTAL SECONDARY WATER REVENUE</b>	<b>544,882.50</b>	<b>569,792.41</b>	<b>887,589.00</b>	<b>317,796.59</b>	<b>64.2</b>
01-04-4150-01	784.50	.00	.00	.00	.0
01-04-4150-02	.00	845.00	22,500.00	21,655.00	3.8
01-04-4178-00	10,623.84	6,019.62	15,003.00	8,983.38	40.1
01-04-4185-00	47,858.56	11,564.15	74,997.00	63,432.85	15.4
01-04-4230-00	.00	.00	20,997.00	20,997.00	.0
01-04-4230-01	8,714.68	10,674.56	.00	( 10,674.56)	.0
01-04-4230-02	9,490.67	6,363.30	.00	( 6,363.30)	.0
01-04-4270-00	270,000.00	270,000.00	262,503.00	( 7,497.00)	102.9
01-04-4355-00	154.00	.00	.00	.00	.0
01-04-4360-00	( 119.83)	8.73	747.00	738.27	1.2
01-04-4370-00	2,057.00	2,197.00	2,250.00	53.00	97.6
01-04-4510-00	.00	.00	33,750.00	33,750.00	.0
01-04-4525-00	( 8,163.63)	( 8,163.63)	( 8,163.00)	.63	(100.0)
01-04-4527-00	.00	( 6,598.35)	( 6,597.00)	1.35	(100.0)
01-04-4548-00	79,767.81	79,767.81	76,500.00	( 3,267.81)	104.3
01-04-4549-00	3,239.64	3,239.64	2,853.00	( 386.64)	113.6
01-04-4559-00	52,208.32	49,327.38	47,250.00	( 2,077.38)	104.4
<b>TOTAL SECONDARY WATER EXPENSE</b>	<b>476,615.56</b>	<b>425,245.21</b>	<b>544,590.00</b>	<b>119,344.79</b>	<b>78.1</b>
<b>TOTAL SECONDARY WATER NET REVENUE/INCOM</b>	<b>68,266.94</b>	<b>144,547.20</b>	<b>342,999.00</b>	<b>198,451.80</b>	<b>42.1</b>
<b>COMBINED NET REVENUE OVER EXPENDITURES</b>	<b>3,581,844.80</b>	<b>2,212,685.68</b>	<b>1,042,605.00</b>	<b>( 1,170,080.68)</b>	<b>212.2</b>



# **WATER PRODUCTION**

Summary Of Water Deliveries  
MAGNA WATER DISTRICT  
System # 18014  
Sep-21

Source	Month's Deliveries (AF)		Change %	Current Month's Gall	Deliveries YTD (AF)		Change %	YTD Gallons
	2021	2020			2021	2020		
<b>CULINARY WATER</b>								
Well Sources Barton and Haynes	575.92	676.43			4,324.95	4,756.08		
To Waste	60.17	76.01			503.48	537.94		
Total Finished Blend EDR	515.94	637.61			3,817.70	4,332.74		
JVWCD Magna Reading	66.42	65.14			602.94	591.05		
JVWCD	66.72	65.37			601.68	605.42		
<b>Total Culinary Water</b>	<b>582.66</b>	<b>702.98</b>	<b>-20.65%</b>	<b>189,846,520</b>	<b>4,419.38</b>	<b>4,938.16</b>	<b>-11.7%</b>	<b>1,439,962,166</b>
<b>SECONDARY WATER</b>								
Irrigation Well #1	27.49	22.86			159.27	113.08		
Irrigation Well #2	28.86	27.37			155.30	151.06		
Irrigation Well #3	11.17	13.17			68.85	39.83		
High Zone (secondary)	23.71	35.15			146.37	183.91		
Low Zone (secondary)	35.55	57.61			377.32	402.62		
<b>Total secondary Usage</b>	<b>126.77</b>	<b>156.16</b>	<b>-23.18%</b>	<b>41,306,010</b>	<b>907.11</b>	<b>890.50</b>	<b>1.8%</b>	<b>295,561,837</b>
<b>Total Usage</b>	<b>709.43</b>	<b>859.14</b>	<b>-21.10%</b>	<b>209,413,219</b>	<b>5,326.49</b>	<b>5,828.66</b>	<b>-9%</b>	<b>1,735,524,003</b>

\* EDR Blend + Total Secondary + JVWCD = Total Usage

# Water Production Report

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September 2021

## Water Production Summary

The culinary water production for September was 189.8 million gallons, a decrease of 20.65% from 2020. Year to date production was 1,439 million gallons or 4,419.38-acre feet, this is a decrease from YTD 2020 of 11.70%

The secondary water production for September was 41.3 million gallons, a decrease of 23.18% from 2020. Year to date production was 295.5 million gallons or 907.11-acre feet, this is an increase from YTD 2020 of 1.80%

We have purchased 601.68-acre feet of water from Jordan Valley Water as of September 2021.

## Callout Report

Total number of call outs: 9

1 Mainline Leak

1 Service Leaks

7 Miscellaneous

- Turn off water, sprinkler line hit
- Restart Haynes #4, power bump
- Turn on water from shutoffs
- Turn on secondary line for Kilgore
- Turn off water, leak in basement
- Customer complaint of brown water
- Clarifier scum pump # 3 fail

Total number of hours paid for call outs: 40.5

## SEPTEMBER CALL OUTS

Dept.	Employee	Date	Hours	Description
WATER	Justin Long	9/2/2021	3	Arbor Park Dr., turn off water sprinkler line was hit
WATER	Jon Davis	9/10/2021	3	Restart Haynes #4, power bump
		9/21/2021	3	Turn on water from shut offs
WATER	Rob Jaterka	9/3/2021	3	Turn on Secondary Water line for Kilgore
		9/17/2021	4.5	Main Line leak, 7891 W3500 S to Toolson Dr,
WATER	Bob Batt	9/17/2021	4	Main Line leak, 7891 W3500 S to Toolson Dr
WATER	Mike Harms	9/17/2021	5	Main Line leak, 7891 W 3500 S to Toolson Dr
		9/19/2021	3	2840 S 8700 W, leak in basement turned off water
WATER	Clint Giles	9/23/2021	3	Service Leak,2599 S 8800 W, water leaking from meter box, hot head wasn't tight.
WATER	Matt Skogerboe	9/20/2021	3	2674 S 8000 W, Customer complained of brown water
		9/23/2021	3	Service Leak,2599 S 8800 W
SEWER	Beau Lamper	44467	3	Clarifier scum pump #3 fail. Low float stuck, contacted Mark w/ SKM, decided to wait until morning to free low float that is bound with help.

<b>Total Callout Hours</b>	<b>40.5</b>
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<b>Total Callouts</b>	<b>9</b>
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<b>Total Water Hours</b>	<b>37.5</b>
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<b>Total # of Water Callouts</b>	<b>8</b>
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<b>Total WWTP Hours</b>	<b>3</b>
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<b>Total WWTP Callouts</b>	<b>1</b>
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## LEAKS

Date	Address	Hours	Mainline/Service
9/17/2021	7891 W 3500 s to Toolson	13.5	Mainline
9/23/2021	2599 S 8800 W	6	Service
	<b>TOTAL</b>	<b>19.5</b>	