



Grand Water & Sewer Service Agency

3025 E. Spanish Trail Rd. ♦ P O Box 1046 ♦ Moab, UT 84532
435-259-8121 office ♦ 435-259-8122 fax ♦ www.grandwater.org

GWSSA FULL BOARD AND DISTRICT MEETINGS

3025 E. SPANISH TRAIL ROAD, MOAB, UTAH

July 16th, 2026

@ 7:15 PM, or as soon thereafter as possible.

AGENDA

Spanish Valley Water & Sewer Improvement District

Call to order

1. Pledge of Allegiance
2. Minutes – Board meeting of 4.16.26
3. Citizens to be heard
4. Financial Statement
5. Future Agenda Items Request

Adjournment

Grand County Special Service Water District

Call to order

6. Minutes – Board meeting of 4.16.2026
7. Citizens to be heard
8. Financial Statement
9. Future Agenda Items Request

Adjournment

Grand County Water Conservancy District

Call to order

10. Minutes – Board meeting of 4.16.2026
11. Minutes – Public Hearing 5.28.2026
12. Citizens to be heard
13. Financial Statement
14. Future Agenda Items Request

Adjournment

Grand Water & Sewer Service Agency

Call to Order

15. Minutes – Board meeting of 6/17/26, 6.24.26 Workshop, and 6/24/26 Special Meeting
16. Citizens to be heard
17. Approval of Checks and Expenditures 6/18/26 to 7/16/2025
18. Financial Statement

~BOARDS AND COMMITTEES~

OPERATING COMMITTEE

Gary Wilson (President)
Kevin Clyde (Vice President)
Brian Backus
Mike Holyoak
Ben Wilson
Dale Weiss
Preston Paxman

SVWSID

Gary Wilson (Ch)
Mike Holyoak (V. Ch)
Dale Weiss (Treasurer)
Rick Thompson (Clerk)
Ken Helfenbein

GCWCD

Brian Backus (Ch)
Steve Getz (V. Ch)
Ben Wilson
Kevin Clyde
Don Hamilton

GCSSWD

Preston Paxman (Ch)
Dale Weiss (V. Ch)
Rani Derasary
Brian Martinez
Miles Loftin

Agency Manager: Ben Musselman



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19. **ACTION ITEM:** A RESOLUTION OF THE GRAND WATER & SEWER SERVICE AGENCY ADOPTING THE IMPACT FEE FACILITY PLAN (IFFP) AND IMPACT FEE ANALYSIS (IFA) 2026 TO INCLUDE THE RECOMMENDED IMPACT FEE
 20. Cemetery Well Refurbishment Proposal Acceptance
 21. Jonathon Jennings – State Meteorologist
 22. Lake & Snow Report
 23. Items from staff
 24. Committee reports
 25. Items From Board Members
 26. Future Agenda Items Request
- Adjournment

The Board may discuss, consider, or take action on any item listed on this agenda.

Those with special needs requests wishing to attend this meeting are encouraged to contact the Agency three (3) days in advance of these events. Specific accommodations necessary to allow participation of disabled persons will be provided to the maximum extent possible. Requests, or any questions or comments can be communicated to: (435) 259-8121

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Rani Derasary
Brian Martinez
Miles Loftin

Agency Manager: Ben Musselman



Full Board and District Meetings

DATE: 7/16/2026

Board(s): ☒ GWSSA ☒ SVW&SID

☒ GCWCD ☒ GCSSD

Grand Water & Sewer Service Agency

3025 E Spanish Trail Road
Moab, UT 84532

Please print your name	Address	Phone #
Boll Winfield	Moab	775-690-0550
Aaron Lindberg	853 Mt. View	419 280 9529

GWSSA FULL BOARD AND DISTRICT MEETINGS

**GRAND WATER & SEWER SERVICE AGENCY, SPANISH VALLEY WATER & SEWER
IMPROVEMENT DISTRICT, GRAND COUNTY WATER CONSERVANCY DISTRICT, AND
THE GRAND COUNTY SPECIAL SERVICE WATER DISTRICT**

3025 E. SPANISH TRAIL ROAD, MOAB, UTAH

WEDNESDAY, JUNE 17TH, 2026 - 7:00 P.M.

THE GRAND WATER AND SEWER SERVICE AGENCY

Meeting was called to order at 7:17 pm by President Gary Wilson. In attendance were Kevin Clyde, Preston Paxman, Dale Weiss, Rani Derasary, Steve Getz, Don Hamilton, Ben Wilson, Mike Holyoak, Rick Thompson, Miles Loftin, and Brian Martinez.

Ken Helfenbein and Brian Backus were not in attendance.

Also in attendance were Agency Manager Ben Musselman and Records Officer Josh Green.

At 7:15pm, we adjourned to open a Public Hearing, then reentered this meeting at 7:20pm.

The meeting began with the Pledge of Allegiance.

Minutes – Board meeting of 5/21/ – Gary asked for two parts of the minutes to be updated before approval. MOTION to approve GWSSA 5.21.2026 minutes with changes by Dale Weiss. SECONDED by Rani Derasary. MOTION CARRIES UNANIMOUSLY. In favor were Kevin Clyde, Preston Paxman, Dale Weiss, Rani Derasary, Steve Getz, Don Hamilton, Ben Wilson, Mike Holyoak, Rick Thompson, Miles Loftin, and Brian Martinez in favor.

Citizens to be heard – NONE

Approval of Checks and Expenditures 4/17/2026 to 5/21/2026 – Motion by Kevin Clyde to approve the amount of \$542,030.74. SECONDED by Ben Wilson. MOTION CARRIES UNANIMOUSLY. In favor were Kevin Clyde, Preston Paxman, Dale Weiss, Rani Derasary, Steve Getz, Don Hamilton, Ben Wilson, Mike Holyoak, Rick Thompson, Miles Loftin, and Brian Martinez in favor.

Financial Statement – Presented by Ben Musselman. Reporting for month of May. For the current year, 42% has elapsed. 41% of operating revenue has been billed out for year. Total expenses are at 29%. Income billed vs received is at about a 5% margin. The gap in this will close in after all irrigation payments have been received. The budget is holding steady with nothing out of the normal except for the line items that have been previously discussed and will get amended.

We are not getting a lot of interest in the fleet vehicles we are selling. It might be best for us to surplus them.

Project Updates – There were two presentations today, regarding the cloud seeding operations. The first was presented by Jared Smith, who is with Rainmaker. The second presentation was given by

Ben spoke about the Sumerlan Group, who sent us an agreement that states its non-binding. If we use them and they find us savings, then we pay them 50% of whatever that savings was. Ben talked to the guy at Rocky Mountain Power, and his only suggestion was we schedule pumps to not run during peak time. Currently, we are not ready to sign anything and move forward.

Lake and Snow Report – Ken's Lake is declining. From last month to this month, there was a net loss of 33-acre feet. We took into the lake, through Sheely Tunnel, 204-acre feet of water. From the Beeman and Corbin wells, we pumped 98.2-acre feet. Millcreek is declining because of season. We have not had to shut off any lake water users this month, in regard to hitting the 50% allowed usage for 2026.

Items from staff – Utah Division of Drinking Water fee: We received an advanced notice for the fy2028 fees due to the DEQ DDW. By the calculation, which is based upon our water use reports, the amount due will be \$5,221.62. They will mail out an invoice sometime in 2027, and payment is required before December 31st, 2027. We did qualify for all 4 of the incentives for the reduced rates. If broken down per 1000 gallons, this would be a bill line add-on of \$0.014/1000 gallons. It was recommended that we bill the customers for this amount and have that line item say what that extra charge is for, so they know it's not GWSSA imposing that fee on their own. We will come back to this.

Moab Well Agreement: The Moab City Council approved the well agreement prior to our attorney review. After a few edits by our attorney, they agreed that the intent was the same and it was just a clarification of verbiage, and they honored the amendments. We have since completed the agreement. Ben Musselman sent out a RFP to our well service providers in the area for work needed at the location.

Ben mentioned that there was an alternative to doing the Cemetery Well. If the board desired, we could look at the condition of a well we own in the Hecla Subdivision. It is situated very close to the MIC irrigation line. We would need to check it out, to see if it was usable. After discussion, Ben will look more into it.

Committee Reports – None

Items from Board Members – Next week on the 24th, we will be doing a Workshop to address key planning, funding, and operational strategies for water and sewer infrastructure projects and conservation efforts in the county.

Rani Derasary asked about educational things that could be put on the bills that go out to customers, as she had received an email that asked about tier rates. Josh Green said he would forward her a email after the meeting, that contained a Youtube link to an explanation of our tier rates, to pass on to customers.

Future Agenda Items Request – None.

Adjournment – MOTION to adjourn the meeting by Mike Holyoak at 8:47 PM. SECONDED by Rick Thompson. MOTION CARRIES UNANIMOUSLY. In favor were Kevin Clyde, Preston Paxman, Dale Weiss, Rani Derasary, Steve Getz, Don Hamilton, Ben Wilson, Mike Holyoak, Rick Thompson, Miles Loftin, and Brian Martinez in favor.

ATTEST:

GARY WILSON, PRESIDENT

BEN MUSSELMAN, AGENCY MANAGER



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6/24/2026

PLANNING WORKSHOP MINUTES

In attendance were Gary Wilson, Kevin Clyde, Dale Weiss, Rani Derasary, Steve Getz, Don Hamilton, Ben Wilson, Ken Helfenbein, Mike Holyoak, and Miles Loftin. Briant Martinez joined via electronic device. Also in attendance were Agency Manager Ben Musselman and ARO Josh Green. No citizens were in attendance.

An introduction was given by GWSSA President Gary Wilson as to why this workshop was taking place today. Essentially, we need to plan for future projects, and that's why we are here today.

Discussed funding mechanisms for future projects.

Discussed water and sewer improvements to keep up with growth in our valley.

Residential Secondary Irrigation (RSI) was discussed. The idea of bringing on new customers to receive RSI was discussed. It was also discussed whether we needed to drill a new well for culinary water/irrigation water or try and lease a well that is already pre-drilled. It was decided to look into leasing a well and bringing it back to the board.

There was discussion over a request to the State Engineer for a reduction in water allocation for new well applications. Steve Getz has been working on this.

There was discussion over needing new property to store our pipes; it was suggested we speak to Grand County to see if we could lease/use land up at the Road Department. Brian Martinez said he'd look into it.

Don Hamilton discussed the possibility of using a Lay-Flat hose, which could be used to bring water to Ken's Lake. This was well received, and Don will get back to the board with numbers. Ben Musselman will look into things as well.

The board meeting ended at 8:28 PM.

ATTEST:

Gary Wilson, PRESIDENT

Ben Musselman, AGENCY MANAGER

GWSSA FULL BOARD AND DISTRICT MEETINGS

**GRAND WATER & SEWER SERVICE AGENCY, SPANISH VALLEY WATER & SEWER
IMPROVEMENT DISTRICT, GRAND COUNTY WATER CONSERVANCY DISTRICT, AND THE
GRAND COUNTY SPECIAL SERVICE WATER DISTRICT**

3025 E. SPANISH TRAIL ROAD, MOAB, UTAH

WEDNESDAY, JUNE 24TH, 2026 - 6:00 P.M.

THE GRAND WATER AND SEWER SERVICE AGENCY

Meeting was called to order at 6:00 pm by President Gary Wilson. In attendance were Kevin Clyde, Dale Weiss, Rani Derasary, Steve Getz, Don Hamilton, Ben Wilson, Ken Helfenbein, Mike Holyoak, and Miles Loftin. Joining via electronic device was Brian Martinez.

Not in attendance were Preston Paxman, Rick Thompson, and Brian Backus.

Also in attendance were Agency Manager Ben Musselman and Records Officer Josh Green.

The meeting began with the Pledge of Allegiance.

Citizens to be heard – NONE

Action Item: Irrigation Well – Presented by Ben Musselman. The Darcy Irrigation Well was pump-tested by Mike Zimmerman Well Service, LC. There was a safe drawdown when pumping 80-85 gallons per minute. With a single phase 10 HP pump in the well, we have no cost of getting electricity to it (aside from digging conduit and setting our meter). MOTION by Mike Holyoak to move forward with project, if it stays under \$35,000.00. SECONDED by Ben Wilson. MOTION CARRIES UNANIMOUSLY. In favor were Kevin Clyde, Dale Weiss, Rani Derasary, Steve Getz, Don Hamilton, Ben Wilson, Ken Helfenbein, Mike Holyoak, Brian Martinez, and Miles Loftin.

Weather Enhancement Letter to State Meteorologist – MOTION by Rani Derasary to approve letter. SECONDED by Kevin Clyde. MOTION CARRIES UNANIMOUSLY. In favor were Kevin Clyde, Dale Weiss, Rani Derasary, Steve Getz, Don Hamilton, Ben Wilson, Ken Helfenbein, Mike Holyoak, Brian Martinez, and Miles Loftin.

Future Agenda Items Request – None.

Adjournment – MOTION to adjourn the meeting by Kevin Clyde at 6:37 PM. SECONDED by Miles Loftin. MOTION CARRIES UNANIMOUSLY. In favor were Kevin Clyde, Dale Weiss, Rani Derasary, Steve Getz, Don Hamilton, Ben Wilson, Ken Helfenbein, Mike Holyoak, Brian Martinez, and Miles Loftin.

ATTEST:

GARY WILSON, PRESIDENT

BEN MUSSELMAN, AGENCY MANAGER

**CHECKS PRESENTED AT GW&SSA MEETING OF
July 16, 2026**

Summary Sheet

GW&SSA 6/18/26 through 7/16/26	287,833.03
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Check Total	287,833.03
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SVWSID 6/18/26 through 7/16/26	118,122.24
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Check Total	118,122.24
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GCWCD 6/18/26 through 7/16/26	20,440.00
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Check Total	20,440.00
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Grand Total	<u>\$426,395.27</u>
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GWSSA Check Detail

June 18 through July 16, 2026

Num	Date	Name	Account	Paid Amount	Original Amount
	06/18/2026	QUICKBOOKS PAYROLL SERVICE	1111 · Checking - Zions Bank		-19,215.38
		QUICKBOOKS PAYROLL SERVICE	2110 · Direct Deposit Liabilities	-19,215.38	19,215.38
		Employee Payroll PPE 6/13/26		-19,215.38	19,215.38
	06/30/2026		1111 · Checking - Zions Bank		-19.22
			7114 · O&M Office	-19.22	19.22
				-19.22	19.22
	07/02/2026	QUICKBOOKS PAYROLL SERVICE	1111 · Checking - Zions Bank		-19,191.72
		QUICKBOOKS PAYROLL SERVICE	2110 · Direct Deposit Liabilities	-19,191.72	19,191.72
		Employee Payroll PPE 6/27/26		-19,191.72	19,191.72
	07/16/2026	QUICKBOOKS PAYROLL SERVICE	1111 · Checking - Zions Bank		-18,933.62
		QUICKBOOKS PAYROLL SERVICE	2110 · Direct Deposit Liabilities	-18,933.62	18,933.62
		Employee Payroll PPE 7/11/26		-18,933.62	18,933.62
ACH	07/08/2026	INTUIT QUICKBOOKS	1111 · Checking - Zions Bank		-63.00
		Monthly Payroll Fee - JULY	7114 · O&M Office	-63.00	63.00
				-63.00	63.00
EFT	06/25/2026	WELLS FARGO - VISA	1111 · Checking - Zions Bank		-4,620.85
	06/21/2026		7114 · O&M Office	-1,762.67	1,762.67
			7101 · Software, Subs. & Memberships	-120.00	120.00
			7121 · O&M Vehicle	-2,537.09	2,537.09
			7115 · O&M Water	-57.23	57.23
			7104 · Travel and Training	-93.86	93.86
			7125 · Water Rights Expense	-50.00	50.00
				-4,620.85	4,620.85
EFT	07/09/2026	BLUE STAKES OF UTAH	1111 · Checking - Zions Bank		-208.75
	INV UT20260 06/30/2026		7101 · Software, Subs. & Memberships	-208.75	208.75
				-208.75	208.75
EFT	07/09/2026	CINCH IT	1111 · Checking - Zions Bank		-2,120.79
	INV 1977 06/26/2026		7108 · Professional Services	-425.00	425.00
	INV 2012 07/01/2026		7108 · Professional Services	-1,695.79	1,695.79
				-2,120.79	2,120.79
EFT	07/09/2026	ENBRIDGE GAS	1111 · Checking - Zions Bank		-20.41
	06/19/2026		7114 · O&M Office	-20.41	20.41
				-20.41	20.41
EFT	07/09/2026	MOUNTAINLAND SUPPLY COMPANY	1111 · Checking - Zions Bank		-5,610.16
	S107891493.C 06/03/2026		7115 · O&M Water	-113.54	432.33
	S107826246.C 06/08/2026		7120 · O&M Wells - Irrigation	-2,058.54	2,058.54
	S107906441.C 06/08/2026		7115 · O&M Water	-861.43	861.43
	S107921373.C 06/10/2026		7115 · O&M Water	-118.60	118.60
	S107891493.C 06/10/2026		7115 · O&M Water	-350.78	350.78
			7118 · O&M Irrigation	-350.79	350.79
	S107906441.C 06/12/2026		7115 · O&M Water	-1,756.48	1,756.48
				-5,610.16	5,928.95

GWSSA Check Detail

June 18 through July 16, 2026

EFT	07/09/2026	ROCKY MOUNTAIN POWER	1111 · Checking - Zions Bank		-16,573.00	
58978956-003	06/19/2026		7113 · Pump Costs - Irrigation	-15.88	15.88	
58978956-004	06/19/2026		7113 · Pump Costs - Irrigation	-8.72	8.72	
58978956-001	06/19/2026		7113 · Pump Costs - Irrigation	-15.39	15.39	
58978956-006	06/19/2026		7113 · Pump Costs - Irrigation	-15.39	15.39	
58978956-007	06/19/2026		7113 · Pump Costs - Irrigation	-15.39	15.39	
41665999-010	06/24/2026		7112 · Pump Costs - Culinary	-176.84	176.84	
41665999-001	06/25/2026		7112 · Pump Costs - Culinary	-6,039.00	6,039.00	
41665999-005	06/25/2026		7112 · Pump Costs - Culinary	-3,836.77	3,836.77	
59034676-002	06/25/2026		7114 · O&M Office	-215.40	215.40	
58978956-002	06/26/2026		7113 · Pump Costs - Irrigation	-3,806.64	3,806.64	
41665999-003	06/26/2026		7112 · Pump Costs - Culinary	-145.39	145.39	
41665999-008	06/26/2026		7112 · Pump Costs - Culinary	-2,033.11	2,033.11	
58978956-005	06/29/2026		7113 · Pump Costs - Irrigation	-11.50	11.50	
59034676-005	06/30/2026		7112 · Pump Costs - Culinary	-237.58	237.58	
				-16,573.00	16,573.00	
EFT	07/09/2026	SOLID WASTE SSD1	1111 · Checking - Zions Bank		-115.00	
INV 105267	06/30/2026		7122 · O&M Buildings & Grounds	-115.00	115.00	
				-115.00	115.00	
EFT	07/09/2026	VERIZON WIRELESS	1111 · Checking - Zions Bank		-200.11	
	06/20/2026		7114 · O&M Office	-200.11	200.11	
				-200.11	200.11	
EFT	07/14/2026	RELADYNE WEST LLC	1111 · Checking - Zions Bank		-2,628.44	
INV 1391691-I	07/07/2026		7121 · O&M Vehicle	-2,628.44	2,628.44	
				-2,628.44	2,628.44	
EFT	07/14/2026	STERICYCLE, INC	1111 · Checking - Zions Bank		-102.04	
INV 80148328	07/10/2026	Monthly Shred	7114 · O&M Office	-102.04	102.04	
				-102.04	102.04	
EFT	07/14/2026	UTAH LOCAL GOVERNMENTS TRUST	1111 · Checking - Zions Bank		-29,879.74	
INV 1626600	07/08/2026	Auto Liability	7109 · Insurance Premiums & Bonds	-6,791.35	6,791.35	
INV 1626601	07/08/2026	General Liability	7109 · Insurance Premiums & Bonds	-11,292.38	11,292.38	
INV 1626602	07/08/2026	Property	7109 · Insurance Premiums & Bonds	-9,044.58	9,044.58	
INV 1626603	07/08/2026	Workers Comp	7109 · Insurance Premiums & Bonds	-2,751.43	2,751.43	
				-29,879.74	29,879.74	
EFT	07/14/2026	WELLS FARGO - VISA	1111 · Checking - Zions Bank		-2,996.93	
	07/14/2026		7114 · O&M Office	-2,469.46	2,469.46	
				7137 · Miscellaneous Expenses	-31.90	31.90
				7121 · O&M Vehicle	-495.57	495.57
				-2,996.93	2,996.93	
648	06/22/2026	URS	1111 · Checking - Zions Bank		-4,663.25	
				4160 · Retirement	-3,997.47	3,997.47
				2225 · URS Payable	-187.66	187.66
				2225 · URS Payable	-200.00	200.00
				2225 · URS Payable	-120.00	120.00
				2225 · URS Payable	-50.00	50.00
				2225 · URS Payable	-108.12	108.12
				-4,663.25	4,663.25	

GWSSA
Check Detail
June 18 through July 16, 2026

649	07/07/2026 URS	1111 · Checking - Zions Bank		-4,691.62
		4160 · Retirement	-4,014.73	4,014.73
		2225 · URS Payable	-204.84	204.84
		2225 · URS Payable	-200.00	200.00
		2225 · URS Payable	-120.00	120.00
		2225 · URS Payable	-50.00	50.00
		2225 · URS Payable	-102.05	102.05
			-4,691.62	4,691.62
941	06/22/2026 ZIONS BANK-FEDERAL WITHHOLDING	1111 · Checking - Zions Bank		-7,333.66
		2222 · Federal Withholding	-3,069.00	3,069.00
		2221 · FICA Payable	-1,728.15	1,728.15
		2221 · FICA Payable	-1,728.15	1,728.15
		2221 · FICA Payable	-404.18	404.18
		2221 · FICA Payable	-404.18	404.18
			-7,333.66	7,333.66
941	07/06/2026 ZIONS BANK-FEDERAL WITHHOLDING	1111 · Checking - Zions Bank		-7,380.46
		2222 · Federal Withholding	-3,111.00	3,111.00
		2221 · FICA Payable	-1,730.12	1,730.12
		2221 · FICA Payable	-1,730.12	1,730.12
		2221 · FICA Payable	-404.61	404.61
		2221 · FICA Payable	-404.61	404.61
			-7,380.46	7,380.46
DD3512	06/19/2026 Benjamin R Musselman	1111 · Checking - Zions Bank		0.00
		4108 · Ben Musselman	-5,631.15	
		2110 · Direct Deposit Liabilities	3,464.90	
				0.00
DD3513	06/19/2026 Corbie R Shumway	1111 · Checking - Zions Bank		0.00
		4216 · Corbie Shumway	-3,101.54	
		4216 · Corbie Shumway	-117.78	
		4216 · Corbie Shumway	-39.26	
		2110 · Direct Deposit Liabilities	150.00	
		2110 · Direct Deposit Liabilities	2,275.80	
				0.00
DD3514	06/19/2026 Donna J Frias	1111 · Checking - Zions Bank		0.00
		4223 · Donna J Frias	-2,360.00	
		2110 · Direct Deposit Liabilities	1,449.15	
				0.00
DD3515	06/19/2026 Dusty G Schriver	1111 · Checking - Zions Bank		0.00
		4218 · Dusty Schriver	-2,010.00	
		4218 · Dusty Schriver	-670.00	
		2110 · Direct Deposit Liabilities	1,823.93	
				0.00
DD3516	06/19/2026 Gary D Riddle	1111 · Checking - Zions Bank		0.00
		4222 · Gary Riddle	-1,485.67	
		2110 · Direct Deposit Liabilities	1,308.02	
				0.00

GWSSA Check Detail

June 18 through July 16, 2026

DD3517	06/19/2026 Joshua K Green	1111 · Checking - Zions Bank		0.00
		4219 · Josh Green	-2,229.98	
		4219 · Josh Green	-78.71	
		4219 · Josh Green	-489.72	
		2110 · Direct Deposit Liabilities	150.00	
		2110 · Direct Deposit Liabilities	1,768.59	
				0.00
DD3518	06/19/2026 Kristi A Taylor	1111 · Checking - Zions Bank		0.00
		4213 · Kristi Taylor	-3,037.95	
		4213 · Kristi Taylor	-58.05	
		2110 · Direct Deposit Liabilities	2,132.28	
				0.00
DD3519	06/19/2026 Trevor J Williams	1111 · Checking - Zions Bank		0.00
		4224 · Trevor Williams	-2,220.80	
		4224 · Trevor Williams	-749.52	
		2110 · Direct Deposit Liabilities	2,156.35	
				0.00
DD3520	06/19/2026 Tyler D Shumway	1111 · Checking - Zions Bank		0.00
		4146 · Tyler D. Shumway	-3,140.00	
		4146 · Tyler D. Shumway	-883.20	
		2110 · Direct Deposit Liabilities	2,536.36	
				0.00
DD3521	07/03/2026 Benjamin R Musselman	1111 · Checking - Zions Bank		0.00
		4108 · Ben Musselman	-5,631.15	
		2110 · Direct Deposit Liabilities	3,464.90	
				0.00
DD3522	07/03/2026 Corbie R Shumway	1111 · Checking - Zions Bank		0.00
		4216 · Corbie Shumway	-3,062.28	
		4216 · Corbie Shumway	-1,001.13	
		4216 · Corbie Shumway	-78.52	
		2110 · Direct Deposit Liabilities	150.00	
		2110 · Direct Deposit Liabilities	2,850.42	
				0.00
DD3523	07/03/2026 Donna J Frias	1111 · Checking - Zions Bank		0.00
		4223 · Donna J Frias	-2,301.00	
		4223 · Donna J Frias	-59.00	
		2110 · Direct Deposit Liabilities	1,449.16	
				0.00
DD3524	07/03/2026 Dusty G Schriver	1111 · Checking - Zions Bank		0.00
		4218 · Dusty Schriver	-2,747.00	
		4218 · Dusty Schriver	-804.00	
		2110 · Direct Deposit Liabilities	2,378.46	
				0.00
DD3525	07/03/2026 Gary D Riddle	1111 · Checking - Zions Bank		0.00
		4222 · Gary Riddle	-1,395.90	

GWSSA Check Detail

June 18 through July 16, 2026

		2110 · Direct Deposit Liabilities	1,239.11	
				0.00
DD3526	07/03/2026 Joshua K Green	1111 · Checking - Zions Bank		0.00
		4219 · Josh Green	-2,780.91	
		4219 · Josh Green	-17.49	
		2110 · Direct Deposit Liabilities	150.00	
		2110 · Direct Deposit Liabilities	1,768.58	
				0.00
DD3527	07/03/2026 Kristi A Taylor	1111 · Checking - Zions Bank		0.00
		4213 · Kristi Taylor	-2,554.20	
		4213 · Kristi Taylor	-541.80	
		2110 · Direct Deposit Liabilities	2,132.29	
				0.00
DD3528	07/03/2026 Trevor J Williams	1111 · Checking - Zions Bank		0.00
		4224 · Trevor Williams	-2,165.28	
		4224 · Trevor Williams	-55.52	
		2110 · Direct Deposit Liabilities	1,634.25	
				0.00
DD3529	07/03/2026 Tyler D Shumway	1111 · Checking - Zions Bank		0.00
		4146 · Tyler D. Shumway	-3,100.75	
		4146 · Tyler D. Shumway	-39.25	
		2110 · Direct Deposit Liabilities	1,974.55	
				0.00
14032	07/01/2026 U.S. POSTMASTER	1111 · Checking - Zions Bank		-826.96
	07/01/2026	7105 · Billing Expenses	-826.96	826.96
			-826.96	826.96
Checks 14035 - 14038 Reviewed & Signed by Dale Weiss on 6/29/26				
14035	06/25/2026 MONSEN ENGINEERING SUPPLY	1111 · Checking - Zions Bank		-345.00
	INV PM-INV04 06/23/2026	7101 · Software, Subs. & Memberships	-345.00	345.00
			-345.00	345.00
14036	06/25/2026 MUSSELMAN, BEN	1111 · Checking - Zions Bank		-94.90
	06/25/2026 Reimburse Pizza - Board Mtg 6/24/26	7137 · Miscellaneous Expenses	-94.90	94.90
			-94.90	94.90
14037	06/25/2026 NELSON'S HEATING & REFRIGERATION	1111 · Checking - Zions Bank		-462.06
	INV 925 06/17/2026	7114 · O&M Office	-462.06	462.06
			-462.06	462.06
14038	06/25/2026 SHUMWAY, TYLER	1111 · Checking - Zions Bank		-214.70
	06/25/2026 2026 Clothing Allowance	7111 · Shop & Safety Expenses	-214.70	214.70
			-214.70	214.70
Checks 14039 - 14057 Reviewed & Signed by Dale Weiss on 7/9/26				
14039	07/08/2026 AT&T MOBILITY	1111 · Checking - Zions Bank		-286.94
	06/22/2026	7114 · O&M Office	-286.94	286.94
			-286.94	286.94

GWSSA Check Detail

June 18 through July 16, 2026

14040	07/08/2026	BROWNS HILL ENGINEERING & CONTROL	1111 · Checking - Zions Bank		-2,456.01
INV GW-2026	07/01/2026		7101 · Software, Subs. & Memberships	-2,456.01	2,456.01
				-2,456.01	2,456.01
14041	07/08/2026	CATHERINE HACK	1111 · Checking - Zions Bank		-325.85
	07/08/2026	Customer Refund After Final Bill	3711 · Water	-325.85	325.85
				-325.85	325.85
14042	07/08/2026	CITY OF MOAB	1111 · Checking - Zions Bank		-53,041.46
	07/08/2026		7123 · Sewage Treatment	-53,041.46	53,041.46
				-53,041.46	53,041.46
14043	07/08/2026	CLYDE, SNOW & SESSIONS	1111 · Checking - Zions Bank		-350.00
		Review interlocal agreement w/ moab city - Cemetery Well			
INV 214315	06/21/2026		7108 · Professional Services	-350.00	350.00
				-350.00	350.00
14044	07/08/2026	DESERT WEST OFFICE SUPPLY	1111 · Checking - Zions Bank		-41.00
INV 275726	06/02/2026		7115 · O&M Water	-20.00	20.00
INV 275848	06/10/2026		7121 · O&M Vehicle	-21.00	21.00
				-41.00	41.00
14045	07/08/2026	EMERY TELECOM	1111 · Checking - Zions Bank		-291.14
	07/01/2026		7114 · O&M Office	-291.14	291.14
				-291.14	291.14
14046	07/08/2026	FRIAS, DONNA	1111 · Checking - Zions Bank		-130.50
	07/08/2026	Mileage Reimbursement	7104 · Travel and Training	-130.50	130.50
				-130.50	130.50
14047	07/08/2026	METERWORKS	1111 · Checking - Zions Bank		-58,457.04
INV 11778	06/16/2026	Meter Inventory Prior to Rate Increase	7118 · O&M Irrigation	-2,166.60	2,166.60
			7115 · O&M Water	-56,290.44	56,290.44
				-58,457.04	58,457.04
14048	07/08/2026	MOAB CLEAN LLC	1111 · Checking - Zions Bank		-135.00
INV 1055	06/30/2026		7122 · O&M Buildings & Grounds	-135.00	135.00
				-135.00	135.00
14049	07/08/2026	NAPA AUTO PARTS	1111 · Checking - Zions Bank		-311.94
INV 762346	06/23/2026		7113 · Pump Costs - Irrigation	-255.97	255.97
INV 762496	06/25/2026		7121 · O&M Vehicle	-55.97	55.97
				-311.94	311.94
14050	07/08/2026	STANDARD PLUMBING	1111 · Checking - Zions Bank		-45.80
INV APX011	06/05/2026		7115 · O&M Water	-31.00	31.00
INV AQGJ17	06/09/2026		7115 · O&M Water	-14.80	14.80
				-45.80	45.80
14051	07/08/2026	SUNRISE ENGINEERING	1111 · Checking - Zions Bank		-413.00
INV ARIV1013	07/02/2026		7107 · Will Serve Expense	-413.00	413.00
				-413.00	413.00
14052	07/08/2026	TAYLOR, KRISTI	1111 · Checking - Zions Bank		-108.75
	06/30/2026	Mileage Reimbursement	7104 · Travel and Training	-108.75	108.75
				-108.75	108.75

GWSSA Check Detail

June 18 through July 16, 2026

			-108.75	108.75
14053	07/08/2026 WALKER TRUE VALUE HARDWARE	1111 · Checking - Zions Bank		-115.88
INV 047678	06/03/2026	7111 · Shop & Safety Expenses	-74.96	74.96
INV 048368	06/11/2026	7111 · Shop & Safety Expenses	-21.98	21.98
INV 048888	06/17/2026	7115 · O&M Water	-18.94	18.94
			<u>-115.88</u>	<u>115.88</u>
14054	07/08/2026 GRAND COUNTY CLERK	1111 · Checking - Zions Bank		-15,209.67
		4155 · Group Insurance	-11,193.99	11,193.99
		2240 · Cafeteria Plan Ins	-359.10	359.10
		2246 · Allstate - Vol Insur Benefits	-155.68	155.68
		2247 · FSA Employee Paid	-230.00	230.00
		2248 · HSA Employee	-630.00	630.00
		2240 · Cafeteria Plan Ins	-2,640.90	2,640.90
			<u>-15,209.67</u>	<u>15,209.67</u>
14055	07/09/2026 U.S. POSTMASTER	1111 · Checking - Zions Bank		-780.00
	07/09/2026	7105 · Billing Expenses	-780.00	780.00
			<u>-780.00</u>	<u>780.00</u>
14056	07/09/2026 FUEL NETWORK	1111 · Checking - Zions Bank		-704.25
INV F2612E0C	07/01/2026	7121 · O&M Vehicle	-704.25	704.25
			<u>-704.25</u>	<u>704.25</u>
14057	07/09/2026 DIAMOND PROPANE, LLC	1111 · Checking - Zions Bank		-95.00
INV 06292097	07/01/2026 Annual Propane Tank Rental Fee	7115 · O&M Water	-95.00	95.00
			<u>-95.00</u>	<u>95.00</u>
Checks 14058 - 14061 Reviewed & Signed by Dale Weiss on 7/14/26				
14058	07/14/2026 CHEMTECH-FORD, INC.	1111 · Checking - Zions Bank		-128.00
INV 26G0535	07/09/2026	7115 · O&M Water	-128.00	128.00
			<u>-128.00</u>	<u>128.00</u>
14059	07/14/2026 LUBE IT EXPRESS	1111 · Checking - Zions Bank		-71.93
INV 128719	07/13/2026	7121 · O&M Vehicle	-71.93	71.93
			<u>-71.93</u>	<u>71.93</u>
14060	07/14/2026 SMUIN, RICH & MARSING	1111 · Checking - Zions Bank		-5,170.00
	GWSSA Audit Field Work, Mgmt Discussion & Analysis, Draft Financial Stmts			
INV 56464	06/30/2026	7108 · Professional Services	-5,170.00	5,170.00
			<u>-5,170.00</u>	<u>5,170.00</u>
14061	07/14/2026 WASH-IT EXPRESS	1111 · Checking - Zions Bank		-14.52
	06/30/2026	7121 · O&M Vehicle	-14.52	14.52
			<u>-14.52</u>	<u>14.52</u>
TOTAL				\$287,833.03

SVW & SID Check Detail

June 18 through July 16, 2026

Num	Date	Name	Account	Paid Amount	Original Amount
	06/30/2026		1111 · Checking		-0.44
			4240 · Office Expense	-0.44	0.44
				-0.44	0.44
ACH	06/24/2026	ALPINE EXCAVATION & CONSTRUCTION	1111 · Checking		-69,964.50
	06/24/2026	Draw #3	4319 · Holyoak Ln H2O Project	-69,964.50	69,964.50
				-69,964.50	69,964.50
ACH	06/27/2026	RURAL DEVELOPMT	1111 · Checking		-9,099.00
			2496 · Notes Pay-RD Water Bond 2018	-3,827.63	3,827.63
			4450 · Interest Expense - Bonds	-5,271.37	5,271.37
				-9,099.00	9,099.00
ACH	07/15/2026	RURAL DEVELOPMT	1111 · Checking		-5,421.00
			2494 · Note Pay - RD Wtr Bond Phase II	-3,252.07	3,252.07
			4450 · Interest Expense - Bonds	-2,168.93	2,168.93
				-5,421.00	5,421.00
Checks 5564 - 5565 Reviewed & Signed by Dale Weiss on 7/9/26					
5564	07/08/2026	SUNRISE ENGINEERING	1111 · Checking		-2,840.00
INV ARIV101: 07/02/2026			4320 · Hwy 191 Sewer Project Ph II	-2,840.00	2,840.00
				-2,840.00	2,840.00
5565	07/08/2026	SUNRISE ENGINEERING	1111 · Checking		-30,797.30
INV ARIV101: 07/02/2026			4319 · Holyoak Ln H2O Project	-30,797.30	30,797.30
				-30,797.30	30,797.30
TOTAL					118,122.24

GCWCD
Check Detail

June 18 through July 16, 2026

Num	Date	Name	Account	Paid Amount	Original Amount
Checks 5564 - 5565 Reviewed & Signed by Brian Backus on 7/8/26					
1360	07/08/2026	MIKE ZIMMERMAN WELL SERVICE, LC 1111	Zions		-20,440.00
INV 15648	06/26/2026	Darcy Well Pump Test	4871 - Irrigation Projects	-20,440.00	20,440.00
				-20,440.00	20,440.00
TOTAL					20,440.00

	7/15/26				
Grand Water & Sewer Service Agency					
Monthly Financial Statement					
June 2026 - 50% Of Year Elapsed					
		Approved 12/18/2025		YEAR TO DATE	
		2026 Budget	JUNE OPERATING REVENUE "BILLED"	PERCENT	Current YTD Operating Revenue "BILLED"
REVENUE - Operating					
1	Water Fees - Irrigation	\$140,000.00	\$0.00	95%	\$133,533.35
2	Water Fees - RSI	\$23,000.00	\$2,483.56	47%	\$10,912.14
3	Water Fees - Culinary	\$1,650,000.00	\$203,597.62	45%	\$747,184.18
4	Water Fees - Hydrant / Fill Station	\$50,000.00	\$5,915.13	81%	\$40,632.46
5	Irrigation Pumping Reimburse Fees	\$100.00	\$0.00	0%	\$0.00
6	Sewer Fees	\$1,300,000.00	\$118,966.41	52%	\$680,733.79
7	SJSVSSD Sewer Monthly O&M	\$30,500.00	\$0.00	0%	\$0.00
8	W&S Fees & Penalties	\$20,000.00	\$92.95	58%	\$11,587.92
9	Other Fees	\$1,000.00	\$105.00	71%	\$705.00
10	Will Serve Fees	\$4,000.00	\$0.00	54%	\$2,177.00
11	Irrigation Fees & Penalties	\$300.00	\$50.00	61%	\$183.27
12	Irrigation Meter Fees	\$4,200.00	\$0.00	98%	\$4,125.00
13	Inspection Fees - Water	\$1,000.00	\$0.00	130%	\$1,300.00
14	Inspection Fees - Sewer	\$1,000.00	\$0.00	150%	\$1,500.00
15	Inspection Fees - Irrigation	\$500.00	\$0.00	80%	\$400.00
16	New Water Connections	\$49,000.00	\$0.00	43%	\$20,911.70
17	New Sewer Connections	\$4,000.00	\$0.00	32%	\$1,283.55
18	New Irrigation Connections	\$9,500.00	\$0.00	82%	\$7,831.57
TOTAL OPERATING REVENUE		\$3,288,100.00	\$331,210.67	51%	\$1,665,000.93
				YEAR TO DATE	
			JUNE NON- OPERATING REVENUE	PERCENT	CURRENT YTD NON- OPERATING REVENUE
REVENUE - Non-Operating					
19	Impact Fees - RSI	\$5,000.00	\$0.00	436%	\$21,816.00
20	Impact Fees - Water	\$400,000.00	\$3,574.95	119%	\$476,648.08
21	Impact Fees - Sewer	\$200,000.00	\$2,039.00	140%	\$279,261.44
22	Impact Fees - Sewer SJSVSSD	\$10,000.00	\$0.00	66%	\$6,598.80
23	Impact Fees - Moab City	\$100,000.00	\$0.00	185%	\$185,145.56
24	Lease Income	\$8,400.00	\$1,400.00	58%	\$4,900.00
25	Other/Misc Income	\$500.00	\$0.00	818%	\$4,089.69
26	Interest Income	\$100,000.00	\$27,410.12	165%	\$164,618.65
27	Tarp Incentive Program	\$1,000.00	\$0.00	0%	\$0.00
28	Impact Fee Reserve Transfer	\$3,049,810.00	\$132,083.67	25%	\$773,992.08
29	Revenue Transfer From GCWCD	\$0.00	\$0.00	0%	\$0.00
30	Revenue Transfer From SVWSID	\$0.00	\$0.00	0%	\$0.00
31	Retained earnings - Irrigation Meter (1157)	\$0.00	\$0.00	0%	\$0.00
32	Retained earnings - GCWCD Irr. Contingency	\$80,000.00	\$0.00	0%	\$0.00
33	Retained earnings - O&M Irrigation Reserve (1153)	\$0.00	\$0.00	0%	\$0.00
34	Retained earnings - Capital Improve. R&R Fund (1165)	\$16,000.00	\$0.00	60%	\$9,532.28
35	Retained earnings - Capital Improvements Fleet (1166)	\$100,000.00	\$0.00	239%	\$238,706.65
36	Grants Received	\$141,250.00	\$0.00	100%	\$141,250.00
TOTAL NON-OPERATING REVENUE		\$4,211,960.00	\$166,507.74	55%	\$2,306,559.23
TOTAL REVENUE RECEIVED - (Operating & Non-Operating)		\$7,500,060.00	\$497,718.41	53%	\$3,971,560.16

			YEAR TO DATE		
			JUNE EXPENSES	PERCENT	CURRENT YTD EXPENSES
	EXPENSES - Operating				
37	Salaries	\$765,000.00	\$56,688.41	48%	\$366,778.50
38	Employees Benefits	\$300,000.00	\$27,779.96	49%	\$147,263.21
39	Software, Subscriptions & Memberships	\$144,407.00	\$4,765.55	42%	\$60,142.49
40	Education/Donations	\$500.00	\$0.00	0%	\$0.00
41	Public Notices	\$500.00	\$0.00	69%	\$344.80
42	Travel & Training	\$10,000.00	\$202.61	14%	\$1,360.23
43	Billing Expense	\$53,000.00	\$3,812.74	50%	\$26,543.04
44	Rents/Leases	\$7,000.00	\$0.00	65%	\$4,565.00
45	Will Serve Expense	\$4,000.00	\$0.00	29%	\$1,177.50
46	Professional Services	\$200,000.00	\$14,110.00	25%	\$50,944.66
47	Insurance & Bonds	\$35,000.00	\$0.00	0%	\$0.00
48	Election Costs - GCSSWD	\$100.00	\$0.00	0%	\$0.00
49	Shop & Safety Expense	\$30,000.00	\$311.64	26%	\$7,718.51
50	Pump Cost Culinary	\$110,000.00	\$12,627.25	46%	\$50,224.49
51	Pump Cost Irrigation	\$16,000.00	\$4,178.83	44%	\$7,021.99
52	O&M Office	\$30,000.00	\$3,425.54	47%	\$14,040.17
53	O&M Water	\$150,000.00	\$59,920.64	78%	\$117,661.10
54	O&M Sewer	\$90,000.00	\$0.00	4%	\$3,773.38
55	O&M Reservoir and Grounds	\$1,000.00	\$0.00	0%	\$0.00
56	O&M Irrigation	\$22,000.00	\$2,357.99	46%	\$10,072.61
57	O&M Wells -Culinary	\$20,000.00	\$0.00	8%	\$1,529.70
58	O&M Wells - Irrigation	\$4,000.00	\$2,058.54	74%	\$2,975.21
59	O&M Vehicle	\$55,000.00	\$3,357.69	19%	\$10,285.62
60	O&M Buildings & Grounds	\$12,500.00	\$250.00	15%	\$1,926.43
61	Sewage Treatment	\$650,000.00	\$61,553.93	50%	\$321,860.43
62	Irrigation Water Assessments	\$42,000.00	\$0.00	0%	\$0.00
63	Water Rights Expense	\$500.00	\$50.00	0%	\$50.00
	EXPENSES Non-Operating				
64	Reserve - Contingency Water (1161)	\$43,000.00	\$0.00	0%	\$0.00
65	Reserve - Contingency Sewer (1162)	\$43,000.00	\$0.00	0%	\$0.00
66	Reserve - Contingency Irrigation (1156)	\$43,000.00	\$0.00	0%	\$0.00
67	Capital Improvements - Building Fund (1165)	\$45,000.00	\$0.00	0%	\$0.00
68	Fleet Replacement Fund (1166)	\$182,536.00	\$0.00	0%	\$0.00
69	Irrigation Meter Replacement Fund (1157)	\$4,200.00	\$0.00	0%	\$0.00
70	Water Line Connections	\$49,000.00	\$0.00	43%	\$20,911.70
71	Sewer Line Connections	\$4,000.00	\$0.00	32%	\$1,283.55
72	Irrigation Connections	\$9,500.00	\$0.00	82%	\$7,831.57
73	Cloud Seeding	\$10,000.00	\$0.00	200%	\$20,000.00
74	Interconnect Project	\$141,250.00	\$0.00	0%	\$0.00
75	Impact Fee Reserve - RSI (GCWCD)	\$5,000.00	\$0.00	0%	\$0.00
76	Impact Fee Reserve - Water (SVW&SID)	\$400,000.00	\$0.00	0%	\$0.00
77	Impact Fee Reserve - Sewer (SVW&SID)	\$200,000.00	\$0.00	0%	\$0.00
78	Impact Fee Reserve - SJ (SVW&SID)	\$10,000.00	\$0.00	0%	\$0.00
79	Impact Fee Transfer - Moab City	\$100,000.00	\$0.00	185%	\$185,145.56
80	Capital Improvements (1164)	\$116,000.00	\$0.00	214%	\$248,238.93
81	Impact Fee Refunds	\$0.00	\$0.00	0%	\$0.00
82	Rev Xfr to SVWSID Impact Fees For Loan Participation	\$233,240.00	\$0.00	100%	\$234,121.22
83	Rev Xfr to SVWSID - H2O Project Bowling Alley Lane	\$965,650.00	\$113,063.67	54%	\$520,850.86
84	2026 Hwy 191 Sewer Project	\$1,800,000.00	\$19,020.00	1%	\$19,020.00
85	Rev Xfr to SVWSID City Sewer Bond Payment	\$102,207.00	\$102,207.00	100%	\$102,207.00
86	Rev Xfr to SVWSID - Short lived asset reserve/bond res	\$106,050.00	\$0.00	100%	\$106,050.00
87	Rev Xfr to GCWCD - Bond Payment	\$0.00	\$0.00	0%	\$0.00
88	Rev Xfr to GCWCD - Annual RSI I.F.	\$50,920.00	\$0.00	0%	\$0.00
89	Cemetery Irr Well Pump Replacement	\$80,000.00	\$0.00	0%	\$0.00
90	TARP Incentive Expenses	\$1,000.00	\$0.00	11%	\$108.99
91	Miscellaneous Expenses	\$500.00	\$94.90	22%	\$109.89
	TOTAL EXPENSES	\$7,497,560.00	\$491,836.89	36%	\$2,674,138.34
	Subtotal (Revenues-Expenses)	2,500.00	5,881.52		
	Depreciation	173,040.64	14,420.06	50%	\$86,520.36
	Operating Margin	-2.27%			

Grand Water & Sewer Service Agency									
Monthly Financial Statement - YTD									
Outstanding Accounts Receivable									
June 2026 - 50% Of Year Elapsed									
		Approved 12/18/2025		YEAR TO DATE				YEAR TO DATE	
	Operating Revenue Billed Vs. Operating Revenue Received	2026 Budget	June Operating Revenue "BILLED"	PERCENT	Current YTD Operating Revenue "BILLED" TOTAL	June Operating Revenue "RECEIVED"	PERCENT	Current YTD Operating Revenue "RECEIVED" TOTAL	YTD OUTSTANDING ACCTS RECEIVABLE
	REVENUE - Operating								
1	Water Fees - Irrigation	\$140,000.00	\$0.00	95%	\$133,533.35	\$6,786.17	30%	\$42,585.88	-\$90,947.47
2	Water Fees - RSI	\$23,000.00	\$2,483.56	47%	\$10,912.14	\$2,018.81	35%	\$8,120.32	-\$2,791.82
3	Water Fees - Culinary	\$1,650,000.00	\$203,597.62	45%	\$747,184.18	\$146,446.48	30%	\$499,610.35	-\$247,573.83
4	Water Fees - Hydrant / Fill Station	\$50,000.00	\$5,915.13	81%	\$40,632.46	\$6,205.43	46%	\$22,791.09	-\$17,841.37
5	Irrigation Pumping Reimburse Fees	\$100.00	\$0.00	0%	\$0.00	\$0.00	217%	\$217.41	\$217.41
6	Sewer Fees	\$1,300,000.00	\$118,966.41	52%	\$680,733.79	\$116,420.46	43%	\$553,275.79	-\$127,458.00
7	SJSVSSD Sewer Monthly O&M	\$30,500.00	\$0.00	0%	\$0.00	\$2,568.38	42%	\$12,841.90	\$12,841.90
8	W&S Fees & Penalties	\$20,000.00	\$92.95	58%	\$11,587.92	\$1,122.45	41%	\$8,206.22	-\$3,381.70
9	Other Fees	\$1,000.00	\$105.00	71%	\$705.00	\$105.76	55%	\$548.41	-\$156.59
10	Will Serve Fees	\$4,000.00	\$0.00	54%	\$2,177.00	\$0.00	54%	\$2,177.00	\$0.00
11	Irrigation Fees & Penalties	\$300.00	\$50.00	61%	\$183.27	\$50.00	102%	\$306.32	\$123.05
12	Irrigation Meter Fees	\$4,200.00	\$0.00	98%	\$4,125.00	\$160.67	37%	\$1,560.67	-\$2,564.33
13	Inspection Fees - Water	\$1,000.00	\$0.00	130%	\$1,300.00	\$0.00	130%	\$1,300.00	\$0.00
14	Inspection Fees - Sewer	\$1,000.00	\$0.00	150%	\$1,500.00	\$0.00	140%	\$1,400.00	-\$100.00
15	Inspection Fees - Irrigation	\$500.00	\$0.00	80%	\$400.00	\$0.00	80%	\$400.00	\$0.00
16	New Water Connections	\$49,000.00	\$0.00	43%	\$20,911.70	\$0.00	41%	\$19,854.24	-\$1,057.46
17	New Sewer Connections	\$4,000.00	\$0.00	32%	\$1,283.55	\$0.00	29%	\$1,159.53	-\$124.02
18	New Irrigation Connections	\$9,500.00	\$0.00	82%	\$7,831.57	\$0.00	78%	\$7,455.18	-\$376.39
	TOTAL OPERATING REVENUE	\$3,288,100.00	\$331,210.67	51%	\$1,665,000.93	\$281,884.61	36%	\$1,183,810.31	-\$481,190.62

GWSSA
Balance Sheet
As of June 30, 2026

	Jun 30, 26
ASSETS	
Current Assets	
Checking/Savings	
1110 · Banking	
1111 · Checking - Zions Bank	128,504.51
1112 · Checking - Wells Fargo	183,344.26
Total 1110 · Banking	311,848.77
1114 · Cash on Hand - Drawer	218.80
1115 · Petty Cash	100.00
1150 · PTIF Accounts	
1151 · Cash at PTIF	1,547,181.93
1152 · GCSSWD Reserve	
1153 · O&M Reservoir Reserve-Restrict	207,094.08
Total 1152 · GCSSWD Reserve	207,094.08
1154 · GCWCD Reserve	
1155 · GCWCD - Capital Improvements	42,587.43
1156 · GCWCD - Contingency Irrigation	170,262.43
1157 · Irrigation Meter Replace-Rest.	22,286.39
Total 1154 · GCWCD Reserve	235,136.25
1158 · SVWSID Reserve	
1159 · Capital Improvements - Water	206,383.00
1160 · Capital Improvements - Sewer	38,663.57
1161 · Contingency - Water	251,140.00
1162 · Contingency - Sewer	430,000.00
Total 1158 · SVWSID Reserve	926,186.57
1163 · Capital Improvements	
1164 · Capital Improvemts Reserve	197,392.79
1165 · Building Repair & Replace Fund	754,728.18
1166 · Vehicle Fleet Fund	901,059.15
Total 1163 · Capital Improvements	1,853,180.12
1167 · Impact Fees-Available for Bonds	
1168 · I.F. - WATER	829,589.66
1169 · I.F. - SEWER	1,632,200.79
1170 · I.F. - RSI	50,910.59
Total 1167 · Impact Fees-Available for Bonds	2,512,701.04
Total 1150 · PTIF Accounts	7,281,479.99
1171 · Impact Fees	
1173 · Water	483,571.74
1176 · Sewer	283,262.77
1177 · SJSVSSD SEWER	6,741.30
1178 · RSI	22,048.86
Total 1171 · Impact Fees	795,624.67
1190 · Impact Fees - Holding	
1191 · I.F. - Water	278,752.23
1194 · I.F. - RSI	15,829.87
1195 · I.F. - Sewer	158,261.11
1196 · I.F. - SJSVSSD SEWER	28,108.47
Total 1190 · Impact Fees - Holding	480,951.68
Total Checking/Savings	8,870,223.91

GWSSA
Balance Sheet
As of June 30, 2026

	Jun 30, 26
Accounts Receivable	
1200 · Customer Receivables	545,382.05
Total Accounts Receivable	545,382.05
Other Current Assets	
1203 · SJSVSSD Receivable	2,568.38
1270 · Inventory - Water Materials	107,719.77
1275 · Inventory - Sewer Materials	20,988.83
1280 · Water Rights	323,440.00
1301 · Allowance for Doubtful Accts	-146,665.63
1360 · Prepaid Rents & Fees	16,122.11
Total Other Current Assets	324,173.46
Total Current Assets	9,739,779.42
Fixed Assets	
1600 · Fixed & Other Assets	3,546,094.08
1610 · Fixed Assets - Office Equipment	98,183.50
1620 · Buildings & Building Improvemts	400,325.31
1630 · Land & Easements	148,126.97
1640 · Vehicle & Equipment	865,332.76
1800 · Accumulated Depreciation	-1,895,522.56
Total Fixed Assets	3,162,540.06
Other Assets	
1910 · Deferred Outflows of Resources	223,679.00
Total Other Assets	223,679.00
TOTAL ASSETS	13,125,998.48
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2000 · Accounts Payable	87,350.19
Total Accounts Payable	87,350.19
Other Current Liabilities	
2120 · Salaries Payable	19,191.72
2150 · Compensated Absences	28,973.74
2221 · FICA Payable	2,134.73
2222 · Federal Withholding	3,111.00
2223 · Utah State Withholding	8,610.00
2240 · Cafeteria Plan Ins	1,500.00
2246 · Allstate - Vol Insur Benefits	77.84
2247 · FSA Employee Paid	115.00
2248 · HSA Employee	315.00
Total Other Current Liabilities	64,029.03
Total Current Liabilities	151,379.22
Long Term Liabilities	
2610 · Net Pension Liability	129,329.00
2620 · Deferred Inflows of Resources	3,413.00
Total Long Term Liabilities	132,742.00
Total Liabilities	284,121.22

GWSSA
Balance Sheet
As of June 30, 2026

	Jun 30, 26
Equity	
2720 · Contrib fro Other Local Govt	544,564.33
2831 · Ret Earnings - Swr Conn Rev	225,724.91
2841 · Ret Earnings - Wtr Conn Rev	179,211.13
2851 · Ret Earnings - Irri Conn Rev	18,000.00
2891 · Retained Earnings	11,812,390.70
Net Income	61,986.19
Total Equity	12,841,877.26
TOTAL LIABILITIES & EQUITY	13,125,998.48

GRAND WATER AND SEWER SERVICE AGENCY IMPACT FEE FACILITY PLAN (IFFP) AND IMPACT FEE ANALYSIS (IFA) 2026

3025 E Spanish Trail Rd
Moab, UT 84532

June 2026

PREPARED BY:
Sunrise Engineering



GRAND WATER AND SEWER SERVICE AGENCY

IMPACT FEE FACILITY PLAN (IFFP) AND IMPACT FEE ANALYSIS (IFA)

June 2026

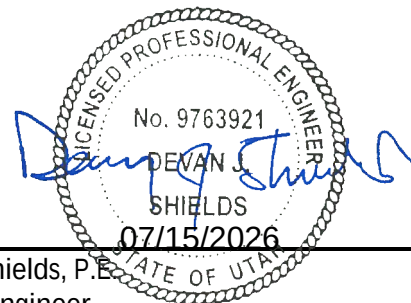
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Appendix A Analysis of Banberry Factors

Appendix B Calculation of User Fee Credit

CERTIFICATION OF IMPACT FEE ANALYSIS BY CONSULTANT

In accordance with Utah Code Annotated, § 11-36a-306, Devan Shields, P.E., on behalf of Sunrise Engineering, makes the following certification:

I certify that the attached impact fee analysis:

1. Includes only the costs of public facilities that are:
 - a. Allowed under the Impact Fees Act; and
 - b. Actually incurred; or
 - c. Projected to be incurred or encumbered within six years after the day on which each impact fee is paid;
2. Does not include:
 - a. Cost for operation and maintenance of public facilities;
 - b. Costs for qualifying public facilities that will raise the level of service for the facilities, through impact fees, above the level of service that is supported by existing residents;
3. Offsets costs with grants or other alternate sources of payment; and
4. Complies in each and every relevant respect with the Impact Fees Act.

Dated: 07/15/2026

Sunrise Engineering

By: Devan Shields

1.0 EXECUTIVE SUMMARY

The Grand Water & Sewer Service Agency (GWSSA) commissioned this Impact Fee Facility Plan (IFFP) and Impact Fee Analysis (IFA) to properly allocate a proportional cost of the culinary water, sanitary sewer, and secondary water system improvements to new development. An impact fee is a fee imposed on new development to mitigate the impact of the new development on public infrastructure.

GWSSA is located approximately 1/2 mile south of Moab in Grand County serves a population of approximately 4,100 people. The water and sewer systems system provides culinary water connections for residential, commercial, industrial, and institutional users. The projected annual growth rate for GWSSA is 2%.

Because new growth places an added burden on the existing system and creates the need for new infrastructure, Utah law allows public water suppliers to charge an impact fee to new development. Not all costs associated with system improvements are allocable to future growth. Some system improvements increase the level of service for existing customers. Only the costs associated with those portions of the system improvements which are allocated to future growth may be considered in calculating a reasonable impact fee. Impact fees are assessed per Equivalent Residential Connection, or ERC.

GWSSA plans to construct several improvements to their water and sewer systems within the impact fee planning period of 20 years. A portion of these improvements will provide capacity to serve future growth and will be included in the impact fee analysis herein. After considering each of the improvements with their associated capacity increases and financing terms, this analysis proposes maximum impact fees of \$4,670.48, \$1,197.47, and \$1,036.84 for the culinary water, sanitary sewer, and secondary water systems, respectively, per ERC. GWSSA may choose to assess lower impact fees but may not assess impact fees higher than that justified by these analyses.

2.0 INTRODUCTION

An impact fee is a fee imposed on new development to “mitigate the impact of the new development on public infrastructure.” (Utah Code § 11-36a-102-8(a)). Impact fees are subject to the restrictions within the Fifth Amendment of the U.S. Constitution prohibiting the taking of private property for public use without just compensation. To comply with the U.S. Constitution, an “essential nexus” between the fee imposed and the protected interest must exist, and the fee imposed must be “roughly proportional” to the burden created by the new development. See *Nollan v. California Coastal Commission*, 483 U.S. 825 (1987); and see *Dolan v. Town of Tigard*, 512 U.S. 374 (1994).

The levy of impact fees in Utah is governed by the Utah Impact Fees Act codified as Utah Code § 11-36a. and requires more specific analysis than that required by the U.S. Constitution. Before imposing an impact fee a municipality or public service provider, such as GWSSA, must prepare a written analysis of each impact fee. An impact fee analysis is designed to proportionally allocate to new development that portion of the cost of new facilities that may be required or excess capacity of existing facilities needed to support the development. The impact fee analysis must:

1. Identify the anticipated impact on existing facilities by new development.
2. Identify the anticipated impact on system improvements by anticipated development.
3. Demonstrate how those impacts are reasonably related to the anticipated development.
4. Estimate the proportionate share of costs to be recouped by the impact fee.
5. Identify how the impact fee was calculated. *Id.* at § 304.

Entities imposing impact fees must also prepare an impact fee facility plan unless excepted by statute. An impact fee facilities plan is not required if the municipality’s general plan, under Utah Code 10-9a-401, contains the elements required by the Impact Fees Act. *Id.* at § 301. Municipalities serving less than 5,000 people and charging total impact fees of less than \$250,000 annually are not required to prepare an impact fee facilities plan. However, they must ensure that the impact fees “are based upon a reasonable plan that otherwise complies with the common law and [other sections of the Impact Fees Act].” *Id.* at § 301.

The Utah Supreme Court outlined a set of seven factors which may be considered in determining the reasonableness of an impact fee; these factors are now known as the “Banberry factors.” *Banberry Dev. Corp. v. S. Jordan Town*, 631 P.2d 899, 904 (Utah 1981). However, the Court has subsequently noted that these factors “were merely ‘means to [an] end.’ And the ultimate legal test is whether the impact fees relate to the cost of the benefits conferred on those paying the fees.” *Tooele Assoc. LTD. V. Tooele Town Corp.*, 247 P.3d 371 (Utah 2011) (quoting *Home Builders Ass’n of Utah v. Town of American Fork*, 973 P.2d 425, at ¶20 (Utah 1999)). Nonetheless, this impact fee study will review each of the Banberry factors for the system impact fee. A brief analysis of the Banberry factors is attached to the analysis as Appendix A.

Although the municipality may enact a lower impact fee than that justified by the Impact Fee Analysis, the municipality may not impose a fee higher than that justified in the analysis.

3.0 PURPOSE OF THESE IMPACT FEE ANALYSES

The purpose of these impact fee analyses is to proportionally allocate to new development the cost of excess capacity in existing public facilities and the projected cost of excess capacity to be provided by future system improvements that will be required to provide culinary water, sanitary sewer, and

secondary water to the service areas of these GWSSA systems. A summary of the existing system components with excess capacity is included in later sections of these analyses.

The impact fee calculations here establish the highest share of the cost of these public facilities which may be reasonably allocated to new development.

4.0 METHODOLOGY

The impact fees for these systems are derived primarily from a plan-based method for future planned development. The analyses also consider cost recovery for excess capacity of the current systems. The portion of the impact fee analyses which focus on planned development accounts for estimates of how the system projects will be financed. Should the actual financing of the projects change from the estimated funding terms, the analyses may require updating to ensure the impact fees recommended here do not exceed the appropriate share of development's impacts on the systems.

Impact fees may not be used for maintenance or repair of the existing systems, or for system improvements that increase the level of service to existing system users, unless the improvements provide additional system capacity that directly supports new development. Impact fees may not be used to recoup more than the actual public facility costs incurred or those projected to be incurred "within six years after the day on which each impact fee is paid." Id. at § 306. Also, impact fees must include an offset for grants or other alternative sources of funding and may not include expenses for operation and maintenance or for overhead, unless overhead expenses are calculated using a methodology consistent with generally accepted cost accounting practices and the standards accepted by the Federal Office of Management and Budget for federal grant reimbursement. An impact fee analysis must also identify the cost the new system users would pay through user fees.

Accordingly, these analyses:

1. Determine the actual cost incurred or to be incurred within six years of the date of this report.
2. Set forth existing levels of service.
3. Do not include any general overhead expenditures or costs for the operation of the facilities.
4. Offset for potential grants for proposed projects.
5. Include an analysis of the prior completed projects which remain impact fee eligible.
6. Include a user fee credit to account for portions of projects paid for through user fees.

To determine the proportionate share of the costs allocable to new development, this analysis reviews current and past demographic trends and provides a projection for future growth within the GWSSA service area for the next 20 years. Capacity of the current system and excess capacity of each new system component that will be used in this analysis are based upon data provided by GWSSA and estimates calculated by Sunrise Engineering. Costs of the proposed public facilities are calculated based upon an engineer's opinion of probable costs.

Because water demands and sewer loads of multi-family, industrial, and commercial connections vary widely, excess capacity of system components is expressed in terms of equivalent residential connections (ERCs), sometimes referred to as equivalent residential units (ERUs). An ERC represents average demands for a typical single-family residence. ERCs are different for each type of service connection and are more particularly described in Sections 6.2, 7.2, and 8.2 of this analysis.

The determination of the existing Level of Service (LOS) of the current systems is based upon previous project design capacity as well as minimum standards required by current regulations.

5.0 DEMOGRAPHICS AND PROJECTIONS OF FUTURE DEMAND

GWSSA provides culinary water, untreated agricultural water, and sanitary sewer service to the unincorporated area of Spanish Valley, south of the City of Moab in Grand County, Utah. The culinary water system supplies water to approximately 2,300 culinary connections, some of which are commercial, municipal, and industrial entities. The culinary water system supplies water for both indoor and outdoor use, although a secondary water system is available to a portion of the culinary water users for outdoor watering. Similar projections apply to the sanitary sewer system.

The average annual growth rate for GWSSA over the last 20 years is about 2% with increasing growth rates in recent years. This impact fee analysis relies upon these growth projections to estimate the number of future ERCs that may be served by the proposed water system improvements. The projected 20-year connections growth is provided in Table 5.1.

Table 5.1 GWSSA Projected 20-Year Culinary Water and Sanitary Sewer Connections

Year	Projected Connections
2025	2299
2030	2538
2035	2802
2040	3094
2045	3416

6.0 CULINARY WATER IMPACT FEE ANALYSIS

GWSSA has completed several culinary water projects in the past 20 years. GWSSA also has planned future projects with an estimated total cost of \$5,141,000. This impact fee analysis will first determine what amount, if any, of the cost of the future projects may be allocable to future growth. Future growth for the next 20 years is converted to growth in ERCs. Then the amount allocated to future growth divided by the number of new ERCs over the 20-year period determines the maximum reasonable impact fee for those projects. This analysis will also review excess capacity related to prior culinary projects. The total maximum reasonable impact fee for culinary water is a combination of the amount allocable for future projects and the amount of excess capacity of existing facilities allocable to new growth.

We recommend GWSSA review and update this impact fee analysis every five years.

The existing capacity of the current system and the excess capacity of each component that will be used in the impact fee analysis is based on the data provided by GWSSA's records of previous projects along with project financing. Excess capacity of system components will be expressed in terms of equivalent residential connections (ERC). The determination of the existing Level of Service (LOS) of the current distribution system will be based on the design capacity of both the current system and the planned

projects.

6.1 CURRENT SYSTEM

The most recent available data comes from the 2025 reporting year. GWSSA's culinary system served a total of 2,299 connections, and the total water usage for 2025 was 1,114 acre-feet. The Agency completed culinary projects in 2017 and 2019 which added a 500,000-gallon storage tank and 52,663 linear feet of distribution pipeline to increase the system's capacity to serve additional connections.

6.2 CALCULATION OF AN ERC

One ERC for the culinary system is defined as the amount of culinary water required by an average residential connection. Because an ERC relates to the amount of water required for the average residential connection, use of this term allows commercial, institutional, or other large water users to be equated to a number of residential connections. ERCs are factored into calculations for impact fees, user rates, and other analyses.

GWSSA's system-specific minimum sizing standards, as established by the Utah Division of Drinking Water (DDW), set average indoor and outdoor culinary usage at 159,832 gallons per year per ERC, or approximately 438 gallons per day per ERC. Because commercial, industrial, and institutional connections can be related to residential usage through an ERC, this number can be used to estimate the amount of source, storage, and water rights needed for a system.

The number of ERCs for GWSSA was obtained from the Utah Division of Water Rights (DWRi) reporting page. The DWRi applies its own methodology and multipliers to calculate the total ERCs per water system. The most recent GWSSA ERC data from the DWRi reporting page is from 2025 at 2,805 ERCs and was used as the basis for this analysis.

6.3 PROJECTED DEMAND

The number of culinary water ERCs expected at the end of the planning period can be calculated using the compound interest formula and inserting the projected growth rate, the existing number of culinary water ERCs, and the 20-year planning period for culinary water improvements. A 20-year period and growth rate of 2% was used as follows:

$$\text{Future Connections} = \text{Current Connections} \times (1 + \text{rate})^n$$

$$F = 2,805 \times (1 + 0.02)^{20} = 4,167 \text{ ERCs}$$

Based on 2% growth, GWSSA will have 4,167 ERCs in 2045. New growth within the 20-year period is the difference between the 20-year projection and current ERCs, or 1,362 ERCs.

The projected number of ERCs is shown in Figure 6.3.

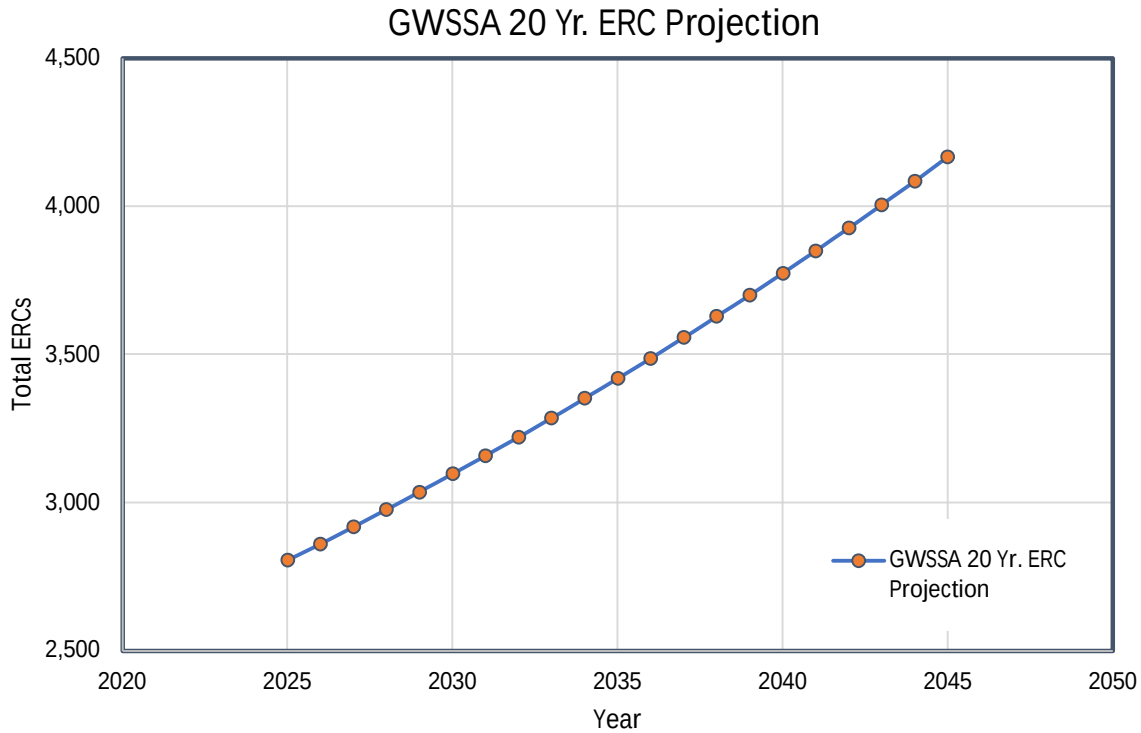


Figure 6.3: Projected Growth by ERCs

6.4 5-POINT ANALYSIS

6.4.1 WATER RIGHT ANALYSIS

The water rights that are owned by GWSSA for culinary water use are listed below in Table 6.4.1.1

Table 6.4.1.1 GWSSA Culinary Water Rights

GWSSA Culinary Water Rights		
W.R. #	Source Type	Ac-Ft
05-3345	George White Wells	50.4
05-148	George White Wells	24.0
05-3343	George White Wells	472.6
05-492	George White Wells	24.0
05-3344	George White Wells	43.6
05-681	George White Wells	92.3
05-475	Spanish Valley/Chapman Well	724.0
05-1062	GW, Spanish Valley/Chapman Well	28.4
05-3656	Spanish Valley/Chapman Well	816.0
05-906	Spanish Valley/Chapman Well	1355.9
05-418	Spanish Valley/Chapman Well	415.2
05-2511	Spanish Valley/Chapman Well	90.0
Total		4136.3

The system-specific minimum sizing standard outlined by the Division of Drinking Water states that GWSSA should have adequate water right to supply each ERC with 438 gallons per day. The existing required water right is calculated as shown below.

Existing Required Water Right:

Total ERC Use

$$2,805 \text{ ERCs} \times \frac{438 \text{ gal}}{\text{ERC day}} \times \frac{365 \text{ day}}{1 \text{ year}} \times \frac{1 \text{ ac-ft}}{325,851 \text{ gal}} = 1,376 \text{ ac-ft}$$

Total Existing Required Water Right	1,376 ac-ft
Total Existing Water Right	4,136 ac-ft
Estimated Existing Water Right Surplus	2,760 ac-ft

GWSSA's water rights exceed current demands by 2,760 ac-ft.

The projected required water right is calculated using the total projected ERCs at the end of a 20-year planning period. The 20-year projected water right is calculated as follows.

20 Yr Required Water Right:

Total ERC Use

$$4167 \text{ ERCs} \times \frac{438 \text{ gal}}{\text{ERC day}} \times \frac{365 \text{ day}}{1 \text{ year}} \times \frac{1 \text{ ac-ft}}{325,851 \text{ gal}} = 2,044 \text{ ac-ft}$$

Total Projected Required Water Right	2,044 ac-ft
Total Existing Water Right	4,136 ac-ft
Projected Water Right Surplus	2,092 ac-ft

GWSSA has a projected surplus of 2,092 ac-ft at the end of the 20-year planning period.

This analysis also looks at water right requirements using the total projected ERCs at the end of a 40-year planning period. Due to the potential for a system to face challenges in acquiring additional water right in a short period of time, a 40-year water right projection can also help communities plan for adjustments to their water rights.

40 Yr Required Water Right:
Total ERC Use

$$6,192 \text{ ERCs} \times \frac{438 \text{ gal}}{\text{ERC day}} \times \frac{365 \text{ day}}{1 \text{ year}} \times \frac{1 \text{ ac-ft}}{325851 \text{ gal}} = 3,037 \text{ ac-ft}$$

Total Projected Required Water Right	3,037 ac-ft
Total Existing Water Right	4,136 ac-ft
Projected Water Right Surplus	1,099 ac-ft

GWSSA has a projected surplus of 1,099 ac-ft at the end of the 40-year planning period.

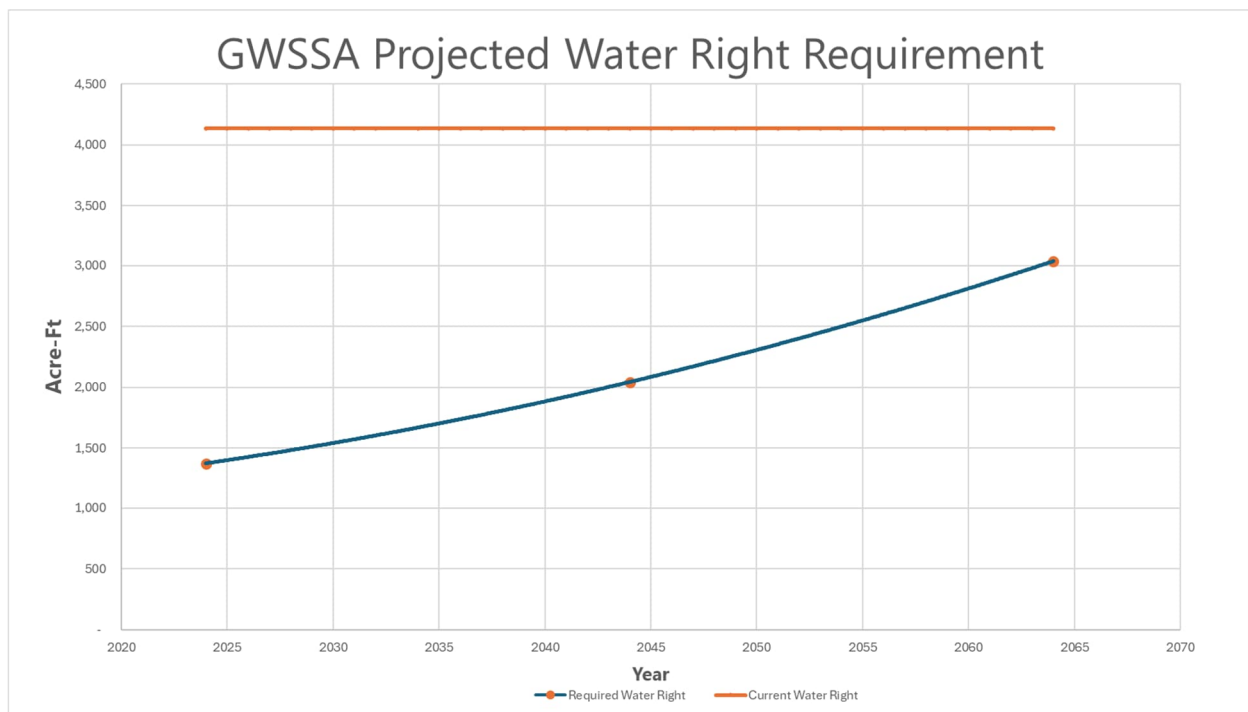


Figure 6.4.1.1 GWSSA Projected Water Right Requirement

These projections are based on the system-specific minimum capacity requirements established by the Utah Division of Drinking Water. Other reports likely use different assumptions for average annual water use for each connection and may reach other conclusions based on those assumptions.

6.4.2 WATER SOURCE CAPACITY

GWSSA's culinary water system is supplied by four wells. The current source capacity can be seen below.

Table 6.4.2.1 GWSSA Source Capacity

GWSSA Culinary Water Sources	
Source	Flow (gpm)
George White Well #4	1,060
George White Well #5	650
Chapman Well	1,350
Spanish Valley Well	225
Total	3,285

Utah Administrative Rule R309, outlined by the State, requires a community to have adequate water source capacity to supply a peak day source demand. The GWSSA specific minimum sizing standards states that GWSSA must supply a peak day source demand of 956 gallons per day per ERC.

Based on the information above, the existing required source capacity is calculated as follows.

Existing Required Source Capacity:

Total ERC Use

$$2,805 \text{ ERCs} \times \frac{956 \text{ gal}}{\text{ERC day}} \times \frac{1 \text{ day}}{24 \text{ hour}} \times \frac{1 \text{ hr}}{60 \text{ min.}} = 1,862 \text{ gpm}$$

Total Existing Required Source Capacity	1,862 gpm
Total Available Source Capacity	3,285 gpm
Estimated Existing Source Capacity Surplus	1,423 gpm

The calculations show that GWSSA has a source capacity surplus of 1,423 gallons per minute.

The projected required source capacity is calculated using the total projected ERCs at the end of a 20-year planning period. The 20-year projected source capacity is calculated as follows.

20 Yr Required Source Capacity

Total ERC Use

$$4,167 \text{ ERCs} \times \frac{956 \text{ gal}}{\text{ERC day}} \times \frac{1 \text{ day}}{24 \text{ hour}} \times \frac{1 \text{ hr}}{60 \text{ min.}} = 2,766 \text{ gpm}$$

Total Projected Required Source Capacity	2,766 gpm
Total Available Source Capacity	3,285 gpm
Projected Source Capacity Surplus	519 gpm

GWSSA has a 20-year projected source capacity surplus of 519 gallons per minute. The system's projected source capacity requirement over the 20-year planning period is shown below in Figure 6.4.2.1.

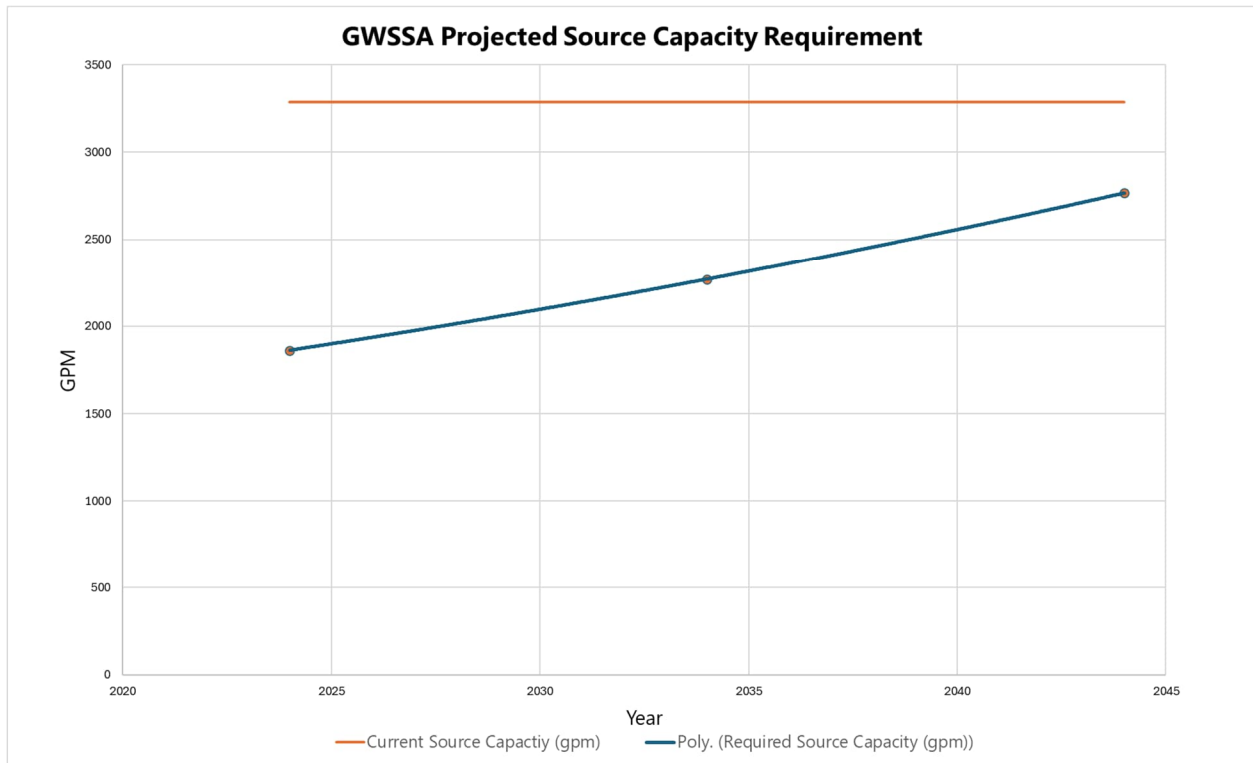


Figure 6.4.2.1 GWSSA Projected Source Capacity Requirement

6.4.3 WATER STORAGE CAPACITY

GWSSA currently has two concrete water storage tanks and one steel tank, with a combined storage capacity of 4.5 million gallons. The individual and combined water storage tank capacities are shown in table 6.4.3.1.

Table 6.4.3.1 GWSSA Storage Tank Capacities

Structure	Material	Capacity (Gal)
Tank 1	Steel	1,000,000
Tank 2	Concrete	3,000,000
Tank 3	Concrete	500,000
Total Storage Capacity		4,500,000

GWSSA must meet the minimum sizing standard and requires a minimum storage capacity of 438 gallons per day per ERC. GWSSA's storage capacity must also meet the minimum required fire flow of 1,500 gallons per minute for a duration of two hours.

Based on the above information, the existing required storage capacity is calculated as shown below.

Existing Required Storage Capacity:

Total ERC Use:

Indoor

$$2,805 \text{ ERC's} \times \frac{438 \text{ gal.}}{\text{ERC}} = 1,228,281 \text{ gal.}$$

Fire Protection:

$$\frac{1500 \text{ gal.}}{\text{min}} \times 2 \text{ hr.} \times \frac{60 \text{ min.}}{\text{hr}} = 180,000 \text{ gal.}$$

Total Current Required Storage Capacity	1,408,281 gal.
Total Existing Storage Capacity	4,500,000 gal.
Estimated Existing Storage Capacity Surplus	<u>3,091,719 gal.</u>

GWSSA has an existing storage capacity surplus of 3,091,702 gallons.

Based on the information above and the total number of ERCs, the projected storage capacity requirement for the 20-year planning period is calculated as follows.

20 YR Required Storage Capacity:

Total ERC Use:

Indoor

$$4,167 \text{ ERC's} \times \frac{438 \text{ gal.}}{\text{ERC}} = 1,824,712 \text{ gal.}$$

Fire Protection:

$$\frac{1500 \text{ gal.}}{\text{min}} \times 2 \text{ hr.} \times \frac{60 \text{ min.}}{\text{hr}} = 180,000 \text{ gal.}$$

Total Current Required Storage Capacity	2,004,712 gal.
Total Existing Storage Capacity	4,500,000 gal.
Projected Storage Capacity Surplus	<u>2,495,288 gal.</u>

GWSSA has a 20-year projected storage capacity surplus of 2,495,288 gallons. The system's projected storage capacity requirement over the 20-year planning period is shown below in Figure 6.4.3.1.

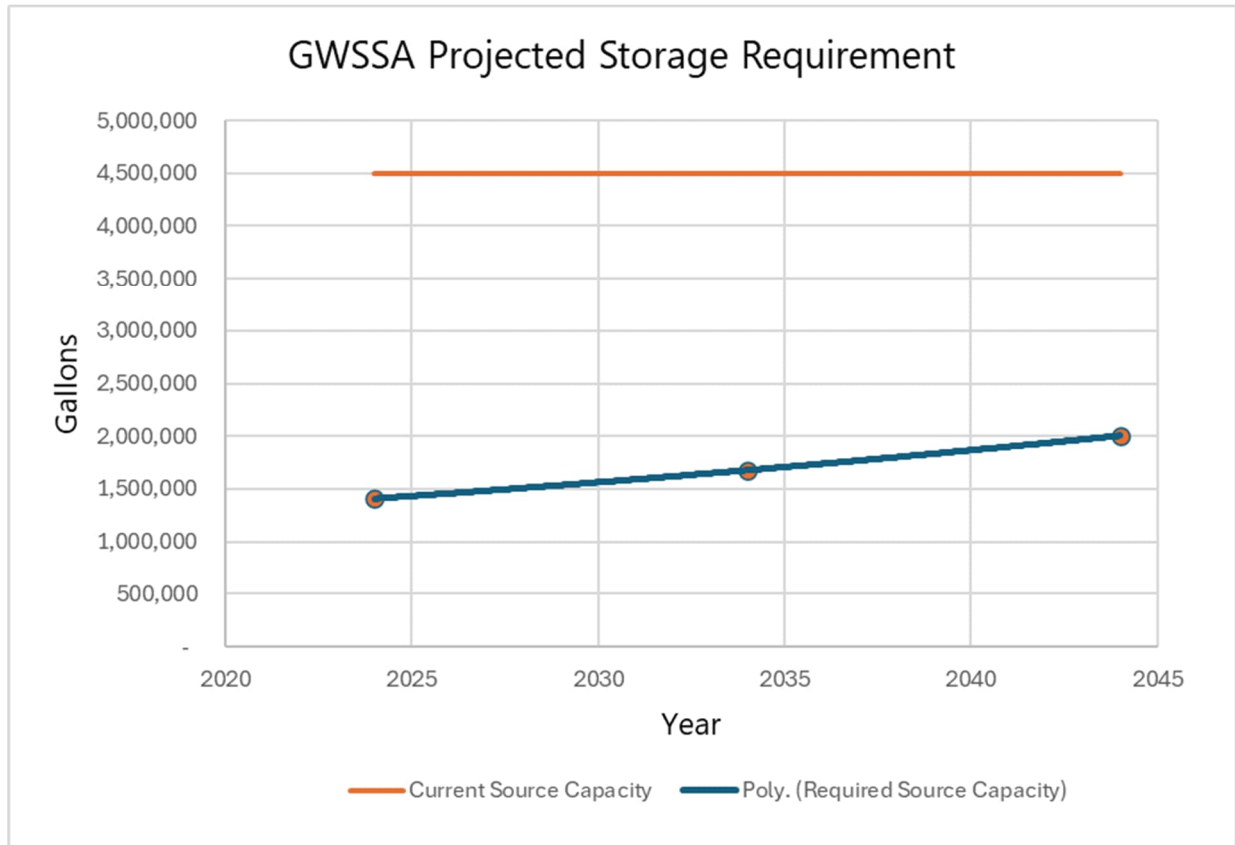


Figure 6.4.3.1 GWSSA Projected Storage Capacity Requirement

6.4.4 WATER TREATMENT REQUIREMENTS

The State of Utah, in accordance the National Safe Drinking Water Act, has adopted “primary” regulations for the protection of public health, and “secondary” regulations related to taste and aesthetics. These regulations are incorporated into R309.

GWSSA’s culinary water is chlorinated at two locations. Water is chlorinated at George White Wells 4 and 5, and at the chlorinator station feeding the line that fills the 3 million gallon storage tank. The GWSSA culinary system currently meets all primary and secondary treatment requirements.

6.4.5 DISTRIBUTION SYSTEM ANALYSIS

The GWSSA distribution system has been analyzed for compliance with R309. The analysis was performed based on a review of the existing system’s physical attributes and topology, along with outputs from the hydraulic model GWSSA maintains.

The culinary distribution system modeling used the “AquaTwin” program. This model calculated the available fire flow for the system which currently meets requirements for fire flow at nearly all locations throughout the system. Recommended improvements to the distribution system are outlined in Section 6.8.

GWSSA's distribution system is currently split into five pressure zones to limit pressure ranges. The distribution system has mains ranging from 2-inch to 16-inch diameter pipe. Most of the distribution mains are PVC pipe.

6.5 EXCESS CAPACITY

Culinary projects completed in 2000, 2001, 2019, and 2021 had excess capacity allocable to future growth. These projects included construction of 3-million gallon and 500,000-gallon concrete storage tanks, the construction of the Chapman and Spanish Valley wells, and the installation of approximately 53,000 linear feet of culinary distribution pipe. The distribution piping sizes were upgraded to provide increased capacity for the system. These projects had excess capacity at the time of construction and continue to have excess capacity allocable to future growth.

At the time of construction for both the 3-million-gallon tank and the 500,000-gallon tank, GWSSA had adequate storage for existing demand. Both tanks provide excess capacity for growth. The excess storage capacity of the tanks is allocable to future growth.

Remaining available capacity in the water system can also be related to the number of future connections the system can serve without additional improvements. Water right, water source, and storage capacity are more readily quantified than treatment and distribution system capacity, though these elements should be monitored as well. Table 6.5.1 shows the total available capacity for water right, source, and storage in terms of ERCs based on the 2025 report and the current system-specific minimum sizing standards from DDW.

Table 6.5.1 Remaining Water System Capacity in ERCs

Category	Remaining Capacity	Unit	Per ERC Requirement	Remaining ERC Capacity
Water Right	2,761	ac-ft	0.49	5,628
Water Source	1,423	gpm	0.61	2,333
Storage	3,091,702	gal.	502	6,159

Of these components, water source capacity is nearest to its current limit but could support an additional 2,333 ERCs before additional sources are needed.

GWSSA should also track approved developments that have not yet been constructed to limit its potential to commit to serving a development that its current resources aren't suited to serve. Table 6.5.2 shows developments that have had designs reviewed but are still under construction or haven't started construction. The total from this list comes to 1,697 ERCs, which would reduce the remaining ERC capacity for water source to 636.

Table 6.5.2 Developments Approved but not Completed

Development Project	Address	ERCs	Design Approval Date
Viewgate Terrace	1248 Legacy Dr	44	10/26/2022
Ballard Townhomes	647 S 400 E	26	11/28/2017
Chapman-Novak Subdivision	4575 S Chapman Ln	200	5/6/2025
Meador Drive Townhomes	3981 S Hwy 191	24	1/7/2026
Red Rock Development	Westwater	47	4/9/2021
Red Rock Flats Ph. II	1480 S Hwy 191	59	12/29/2025
Rim Village Ph. 7	Meador	58	1/31/2023
Sandstone	2053 Munseys Dr	15	9/27/2019
Staybridge	938 S Main St	101	5/21/2026
Vista Antigua	4080 Vista Antigua Rd	34	3/6/2019
Walking Horse Subdivision	4329 E Sunny Acres Ln	3	9/17/2021
Abbey Subdivision Ph. I	1241 E Powerhouse Lane	31	1/27/2022
Aggie Subdivision Ph. II	1261 Casarina Dr	24	2/17/2023
Arroyo Crossing	2022 Spanish Valley Drive	150	10/11/2019
Desert River Credit Union HQ	1099 US-191	3	6/5/2025
Jasper at Mill Creek	1477 S Mill Creek Dr	78	1/5/2024
Peak View	3640 Spanish Valley Drive	96	5/6/2020
Puesta Del Sol	3481 E Arena Roja	9	5/5/2021
Sage Creek at Moab	2331 Mesa Rd	60	5/8/2018
Watchman Estates	3373 S Watchman Trl	4	12/13/2016
The Cooperative	1717 S Main	144	5/21/2026
Cloud Rock		247	

6.6 NEW NEAR-TERM PROJECTS

GWSSA plans to commission culinary water projects at a total estimated cost of \$5,141,000. Not all these projects will be completed within the next six years. Table 6.8.2 contains a detailed list of projects to be completed and designates which of those projects will be commissioned within the next six years. The total capital value of projects to be commissioned within the next six years is \$2,235,000.

GWSSA is currently in the process of completing the Holyoak Water Improvements Project for a projected cost of \$967,000. A portion of this project is impact fee eligible.

The remaining portion of the projects will increase level of service for a portion of the current connections, increase fire flow, and provide the capacity to serve new growth. A comprehensive list of proposed projects, allocable costs, ERCs served, and cost per ERC is included in Table 6.8.2.

6.7 ALLOCABLE COSTS

Only costs allocable to future growth may be included in an impact fee. As stated in section 6.5, prior completed projects remain impact fee eligible due to remaining capacity. The total cost of these past improvements is \$10,950,000, and some of these costs are still allocable to future growth. The storage

tanks can likely serve an additional 1,115 ERCs. The additional capacity of the wells is 900 ERCs and the total cost of the wells was \$996,161.

Most of the planned improvements will provide an increased level of service for a portion of the existing ERCs and provide additional system capacity to support growth over the 20-year planning period. A hydraulic analysis of the system showed that of the 2,497 ERCs in 2024, 175 ERCs had insufficient pressure and/or fire flow capacity. The planned improvements will increase the level of service to these 175 ERCs by providing increased system pressures and fire flow capacity, and will also serve the 1,362 future ERCs that are anticipated during the 20-year planning period.

6.8 IMPACT FEE CALCULATION

The impact fee calculation divides the total eligible cost by the total number of ERCs anticipated to be served by the improvement.

This analysis calculates the eligible cost for the past improvements with excess capacity by taking the total allocable project cost and subtracting a proportionate share of previously collected impact fees.

For the past projects including the tanks, wells, and distribution lines, the total cost is \$10,949,865. The number of ERCs served by the projects varies project to project. The 3-million-gallon storage tank has remaining capacity for 1115 ERCs at a total impact fee eligible cost of \$636,289 – the cost per ERC being \$570.66. The wells have capacity to serve about 900 additional ERCs based on the projections in section 6.5 at a total impact fee eligible cost of \$68,254 – the cost per ERC being \$75.84. The Phase I and Phase II water improvement projects have capacity to serve a combined 542 and 1213 ERCs at a total impact fee eligible cost of \$1,918,824 – the cost per ERC being \$1,840.80.

The total impact fee for the past projects with excess capacity is \$2,510.80 as shown in Table 6.8.1.

Table 6.8.1 Past Improvements with Excess Capacity

PAST IMPROVEMENTS W/EXCESS CAPACITY	Cost	Previous Impact Fees Collected	% Allocable to New Growth	Eligible Cost	Additional ERCs Served	\$/ERC
3M Gallon Concrete Storage Tank (2000)	\$1,132,755	\$496,465.50	100%	\$636,289	1115	\$570.66
Chapman & Spanish Valley Wells	\$996,161	\$927,907.20	100%	\$68,254	900	\$75.84
Water Rights Analysis	\$55,771	\$47,710.80	100%	\$8,060	343	\$23.50
GWSSA Water Project Ph. I (2019)	\$4,893,372	\$1,850,202.90	43%	\$253,947	542	\$468.27
GWSSA Water Project Ph. II (2021)	\$3,871,806	\$0.00	43%	\$1,664,877	1213	\$1,372.53
TOTAL	\$10,949,865					\$2,510.80

For planned projects, the calculation is similar with a percentage of the projects increasing or maintaining the level of service for existing connections so only a portion of those projects' costs is impact fee eligible.

Table 6.8.2 shows each of the planned projects, the percent allocable to future growth, the number of ERCs served by each project, the cost of each improvement, grant portion assumed for each improvement, principal and interest payments for each improvement, and the impact fee per ERC for that portion of the project. The total impact fee for planned culinary projects is \$2,357.10.

Table 6.8.2 Planned Improvements

RECOMMENDED IMPROVEMENTS - IMPACT FEE ELIGIBLE	Cost	Grant	Principal + Interest	w/in 6 years	% Allocable to New Growth	Eligible Cost	ERCs Served	\$/ERC
IMPACT FEE ANALYSIS	\$38,000	\$0	\$38,000	Y	100%	\$38,000	292	\$130.14
HOLYOAK WATERLINE IMPROVEMENTS	\$967,450	\$0	\$1,366,531	Y	87%	\$1,189,687.42	1213	\$980.78
ANGEL ROCK RD - HWY 191 CROSSING 8" PIPE & G.V.	\$128,595	\$25,719	\$181,641	Y	87%	\$158,134.83	1213	\$130.37
8" LINE - W HIGHLAND RD	\$396,370	\$79,274	\$559,876	Y	87%	\$487,422.21	1213	\$401.83
REPLACE EXIST. PRV STATION - MURPHY LN	\$251,300	\$50,260	\$354,963	Y	87%	\$309,027.47	1213	\$254.76
8" LINE - CEDAR HILLS LN	\$453,109	\$90,622	\$640,021	Y	87%	\$557,195.34	1213	\$459.35
8" LINE - SINDA HEIGHTS	\$125,616	\$0	\$0	N	87%	\$0.00	1213	\$0.00
8" LINE - LULU LN	\$119,577	\$0	\$0	N	87%	\$0.00	1213	\$0.00
8" LINE - FRANCIS DR	\$485,615	\$0	\$0	N	87%	\$0.00	1213	\$0.00
8" LINE - ROCKY RD	\$255,480	\$0	\$0	N	87%	\$0.00	1213	\$0.00
8" LINE - PLATEAU DR	\$125,180	\$0	\$0	N	87%	\$0.00	1213	\$0.00
8" LINE - TERRACE DR	\$304,798	\$0	\$0	N	87%	\$0.00	1213	\$0.00
8" LINE - COYOTE CIR	\$141,068	\$0	\$0	N	87%	\$0.00	1213	\$0.00
8" LINE - REDCLIFF RD	\$271,151	\$0	\$0	N	87%	\$0.00	1213	\$0.00
8" LINE - TIERRA DEL SOL	\$191,263	\$0	\$0	N	87%	\$0.00	1213	\$0.00
8" LINE - PRICKLY PEAR CIR	\$114,951	\$0	\$0	N	87%	\$0.00	1213	\$0.00
8" LINE - SPANISH VALLEY DR - LAKE LN TO HEAVEN AVE	\$809,414	\$0	\$0	N	87%	\$0.00	1213	\$0.00
TOTAL	\$5,140,938					\$2,701,467.26		\$2,357.10

The maximum impact fee that GWSSA may reasonably assess new ERCs, before considering credits, is the total of the past project eligible cost per ERC plus the total of the future project eligible cost per ERC which comes to \$4,867.90.

6.9 CREDITS

Because a portion of monthly usage rates may be used to service debt payments for current infrastructure, a reasonable impact fee may account for the portion paid by new users to past debt service payments. To calculate the per ERC credit requires a calculation of average contribution per ERC to the debt service payments or project cost over the course of the payment term for the system.

In past impact fee analyses, GWSSA has accounted for service payments of customers added covering a portion of debt and bond payments allocable to future growth. For past projects and some of the planned

projects, GWSSA will maintain loans to fund portions of the projects. SE estimates that portions of the projects may be grant-eligible. The remainder of the projects assume some financing. For this analysis, the project team assumed typical USDA Rural Development loan terms of 3.13% interest over 40 years. As new ERCs are added to the system, the portion of user fees allocated to debt-service payments will decrease. On average, new ERCs will contribute to debt-service payments for 8.84 years.

To calculate a reasonable credit, the impact fee eligible annual debt service for each year is divided by the number of ERCs served for each year through the 20-year planning period. The average portion of user fees used for debt service on impact fee eligible projects during the planning period is \$22.33 annually as shown in Appendix B. The credit is then calculated by multiplying the average portion of annual user fees by the average years an ERC will pay user fees during the planning period. Thus, the calculated credit (detailed further in Appendix B) is as follows:

$$\text{User Rate Credit} = \$22.33 \times 8.84 \text{ years} = \$197.42$$

6.10 RECOMMENDED CULINARY WATER IMPACT FEE

The total impact fee allowable for culinary water is the sum of the allocable costs for excess system capacity and new projects minus the calculated user rate credit. The maximum recommended impact fee for culinary projects is \$4,670.48.

Table 6.10 Culinary Water Impact Fee Calculation

Culinary Water Impact Fee Calculation	
Past Improvement Impact Fee	\$2,510.80
Planned Projects Impact Fee	\$2,357.10
Annual Service Payments Credit	-\$197.42
Total Culinary Water Impact Fee	\$4,670.48

7.0 SANITARY SEWER IMPACT FEE ANALYSIS

This impact fee analysis will determine the proportionate costs of excess capacity provided by previous and future projects that are allocable to future growth. Impact fee calculations may also include the proportionate costs of existing facilities and components that currently have excess capacity. GWSSA should review and update this impact fee analysis every five years.

The existing capacity of the current system and the excess capacity of each component that will be used in the impact fee analysis is based on the data provided GWSSA. Excess capacity of system components will be expressed in terms of equivalent residential connections (ERCs). The determination of the existing Level of Service (LOS) of the current collection system will be based on the design capacity of both the current system and the planned projects.

7.1 CURRENT SYSTEM

GWSSA's current sanitary sewer collection system serves a total of 2,805 ERCs, similar to the culinary water system. The main along Highway 191 also carries sewer loads from the San Juan Spanish Valley Special Service District, but those are accounted for separately. The Agency completed projects from 1996 to 2020 which added capacity. The current collection system is sufficient to support the current

population, meaning any proposed project will be 100% allocable to future growth.

GWSSA currently charges an impact fee of \$2,039 per ERC for sanitary sewer.

7.2 CALCULATION OF AN ERC

Due to the wide variance of water use in residential, commercial, industrial, and institutional connections and similar to the culinary water analysis, an equivalent residential connection (ERC) is used. An Equivalent Residential Connection (ERC) is defined as the amount of wastewater collected from an average residential connection. ERCs are factored into calculations for impact fees, user rates, and other analyses as required for design purposes.

For this impact fee analysis, equating projected typical sanitary sewer loads from various types of sewer services to a number of residential connections is based on water use analysis from GWSSA's service and other locations across the state. Exhibit 1 in Appendix C is derived from data published in the Moab City Sewer Impact Fee Facilities Plan and Impact Fee Analysis (2017). The table in Exhibit 1 will be used as a guideline by the GWSSA manager to determine the number of ERCs a proposed connection will be assigned.

7.3 EXCESS CAPACITY

The Hwy 191 – Extension to San Juan County project completed in 2020 had excess capacity allocable to future growth. Both this project and the 2020 Sewer Improvements that focused on increasing capacity in sections of the main north of the extension to San Juan County had excess capacity at the time of construction.

GWSSA records show that all the impact-fee eligible costs for these improvements as calculated in the 2018 impact fee analysis have been recouped through sanitary sewer impact fees collected after the 2018 impact fee update. The lines continue to have capacity to serve additional connections but will not be included as impact fee eligible expenses for this reason.

GWSSA maintains a hydraulic model for the sanitary sewer collection network. Use of the model allows for projections of pinch points in the system that need to be addressed and can serve to gauge impacts proposed developments have within each area of the system.

Table 7.3.1 below shows the developments that have been reviewed but are not yet completed, along with the number of ERCs the plans for each include. As new developments come online and additional projects are considered, the impact to the system can be evaluated. The GWSSA collection system includes three main interceptors that collect sewer flows from other mains and connect to Moab City sewer interceptors. Each interceptor serves a different subbasin. The impact each development has on the collection system must be evaluated based on which subbasin the development will connect to.

Table 7.3.1 Proposed Developments and Status

Development	Address	ERCs	Sewer Basin	Construction Status	Design Approval
Viewgate Terrace	1248 Legacy Dr	44	3	Pending	10/26/2022
Ballard Townhomes	647 S 400 E	26	1	Pending	11/28/2017
Chapman-Novak	4575 S Chapman Ln	200	1	Pending	5/6/2025

Red Rock Development	Westwater	47	1	Pending	4/9/2021
Red Rock Flats Ph. II	1480 S Hwy 191	59	3	Pending	12/29/2025
Rim Village Ph. 7	Meador Dr	58	1	Pending	1/31/2023
Sandstone	2053 Munseys Dr	15	1	Pending	9/27/2019
Staybridge	938 S Main St	101	3	Pending	5/21/2026
Vista Antigua	4080 Vista Antigua Rd	34	1	Pending	3/6/2019
Walking Horse	4329 E Sunny Acres Ln	3	1	Pending	9/17/2021
Henry Shaw Hotel	836 S Main St	186	3	Pending	6/24/2026
Cloud Rock		247	1	Pending	8/27/2008
Meador Drive Townhomes	3981 S Hwy 191	24	1	Under Construction	1/7/2026
Abbey Ph. I	1241 E Powerhouse Lane	31	2	Under Construction	1/27/2022
Aggie Ph. II	1261 Casarina Dr	24	3	Under Construction	2/17/2023
Arroyo Crossing	2022 Spanish Valley Drive	150	1	Under Construction	10/11/2019
Desert River Credit Union HQ	1099 US-191	3	3	Under Construction	6/5/2025
Jasper at Mill Creek	1477 S Mill Creek Dr	78	1	Under Construction	1/5/2024
Peak View	3640 Spanish Valley Drive	96	1	Under Construction	5/6/2020
Puesta Del Sol	3481 E Arena Roja	9	1	Under Construction	5/5/2021
Sage Creek at Moab	2331 Mesa Rd	60	3	Under Construction	5/8/2018
Watchman Estates	3373 S Watchman Trl	4	1	Under Construction	12/13/2016
The Cooperative	1717 S Main	144	3	Under Construction	5/21/2026

Table 7.3.2 compiles the total ERCs in projects still pending or under construction by subbasin. The majority of the new ERCs fall in subbasin 1, which serves most of the area along Spanish Valley Drive and discharges to a Moab City main near the Grand High School tennis courts. There are also several projects falling in subbasin 3 along the highway. Few new ERCs are projected for subbasin 2.

Table 7.3.2 Proposed Developments by Sewer Collection Subbasin

Subbasin	Location	ERCs Pending/Under Construction
1	Jr High	991
2	High School	31
3	Hwy 191	621

As projects are completed and as developers propose new projects GWSSA can monitor capacity currently available in each subbasin based on hydraulic modelling data. This will allow timing of proposed improvements to be adjusted as necessary to stay ahead of potential capacity shortfalls.

7.4 NEW NEAR-TERM PROJECTS

GWSSA plans to commission sanitary sewer projects at a total estimated cost of \$2,741,350 to be completed within the next six years. Additional projects will be required to meet the projected sanitary

sewer loads through the 20-year planning period. Table 7.6.1 outlines the projects to be completed within the next six years. The projects to be commissioned within the next six years will be 100% allocable to new growth.

The first proposed project will increase capacity along Highway 191 and allow for additional new sanitary sewer connections in developments along Highway 191 and within the San Juan Spanish Valley Special Service District (SJSVSSD).

The next proposed project is connecting the Spanish Valley Drive sub-basin with the Hwy 191 sub-basin via a pump skimming station. The pump skimming station will be able to alleviate high loads on the Spanish Valley Drive interceptor line and transfer it to a larger line that will be able to handle larger flows.

Other projects anticipated outside the next six years but should be considered include upsizing creek crossings throughout the system.

7.5 ALLOCABLE COSTS

Only costs allocable to future growth may be included in an impact fee. As stated in section 7.3, no portions of the prior completed projects remain impact fee eligible despite remaining capacity.

As stated above in section 7.4, 100% of the proposed projects will serve future growth. The costs of the projects, along with anticipated financing costs, are 100% allocable to future growth.

The proposed projects include a system improvement along Highway 191 that will benefit growth throughout both GWSSA and SJSVSSD. The projected cost of this project is \$1,629,790. Assuming 30% of the project funding comes from grant or other sources and a 20-year loan at 3% interest, the total anticipated cost for the project is \$1,533,665. Based on model analysis results, this proposed improvement will provide capacity for 7,400 additional ERCs between the GWSSA and SJSVSSD service areas served by this line. Because of the planned connection between the Spanish Valley Drive sub-basin and the Hwy 191 sub-basin as mentioned in section 7.4, this analysis lowers the projected system capacity increase for future growth for the Hwy 191 Improvements down to 2,500 ERCs.

The pump skimming station has a projected cost of \$1,182,000, and assuming 30% of the project funding comes from grant or other funding sources the total eligible cost for the project is \$1,112,286. This project will improve system capacity estimated at an increase of 2,500 ERCs.

A portion of the costs for this impact fee analysis is also included as an eligible expense at \$30,400, along with a proposed feasibility study for the interconnection of the basins served by the Highway 191 interceptor and the Spanish Valley Drive interceptor at \$65,000. For both reports the number of ERCs served assumes updates or adjustments will be needed in five years, so the calculation takes 292 as the number of ERCs projected to be added over a 5-year period at 2% growth.

7.6 IMPACT FEE CALCULATION

The impact fee calculation divides the total allocable cost by the total number of ERCs served by the improvement. The allocable costs are shown in Table 7.6.1. The table shows the planned projects, the percent allocable to future growth, the number of ERCs served by the project, the cost of the improvements, grant portion of the improvements, principal and interest totals for the improvements, and the impact fee per ERC for each project. The total impact fee for planned projects is \$1,385.09.

The table also shows the anticipated breakdown of ERCs to be served by the improvements. The previous analysis differentiated separate recommended impact fees for the GWSSA and SJSVSSD service areas because of how the extension to San Juan County was funded. This analysis found no need to recommend separate impact fee amounts for the different service areas.

Table 7.6.1 Future Improvements with Excess Capacity

RECOMMENDED IMPROVEMENTS - IMPACT FEE ELIGIBLE	Cost	Grant/Other Funding Sources	Principal + Interest	% Allocable to New Growth	Eligible IF Cost	ERCs Served	\$/ERC
Highway 191 - 12"	\$1,629,790	\$488,937	\$1,533,665	100%	\$1,533,664.83	2500	\$613.47
Spanish Valley Dr – Hwy 191 Pump Skimming Station	\$1,182,000	\$354,600	\$1,112,286	100%	\$1,112,286	2500	\$444.91
Impact Fee Analysis	\$30,400			100%	\$30,400.00	292	\$104.11
Basin Interconnect Feasibility Study	\$65,000			100%	\$65,000.00	292	\$222.60
TOTAL					\$2,741,350.36		\$1,385.09

The maximum impact fee that GWSSA may reasonably assess to new ERCs, before considering credits, is the total of the past project eligible cost per ERC plus the total of the future project eligible cost per ERC which totals \$1,385.09.

7.7 CREDITS

Because a portion of future monthly usage rates may be used to service debt payments for current and proposed infrastructure, a reasonable impact fee may account for the portion paid by new users to debt service payments. To calculate the per-ERC credit, an estimation of average contribution per ERC to the debt service payments over the course of the planning period is made.

As new ERCs are added to the system, the portion of individual user fees allocated to debt service payments will decrease, and the amount of collected impact fees that are available to offset the debt service payments will increase. On average through the planning period, new ERCs will contribute to debt service payment for 8.84 years as shown in Appendix B. The calculation of the average years of payment, projected impact fees that are collected and allocated to paying down the debt service, and the average annual portion of user fees are included as Appendix B. It should be noted that additional impact fee eligible projects and debt service may be incurred within the planning period, and the impact fee analysis should be updated as these projects occur.

To calculate a reasonable credit, the impact fee eligible annual debt service for each year is divided by the number of ERCs served for each year through the 20-year planning period. The average portion of user fees used for debt service on impact fee eligible projects during the planning period is \$21.22 annually as shown in Appendix B. The credit is then calculated by multiplying the average portion of annual user fees by the average years an ERC will pay user fees during the planning period. Thus, the calculated credit (detailed further in Appendix B) is as follows:

$$\text{User Rate Credit} = \$21.22 \times 8.84 \text{ years} = \$187.62$$

7.8 RECOMMENDED SANITARY SEWER IMPACT FEE

The total impact fee allowable for sanitary sewer is the sum of the allocable costs for excess system capacity and new projects minus the calculated user rate credit. The recommended sanitary sewer impact fee is outlined in Table 7.8.1. For the GWSSA and SJSVSSD service areas, the total impact fee equals \$1,385.09 minus the credit of \$187.62 for a recommended impact fee of \$1,197.47.

Table 7.8.1 GWSSA Sanitary Sewer Impact Fee Calculation

GWSSA Sanitary Sewer Impact Fee Calculation	
Planned Projects Impact Fee	\$1,385.09
Annual Service Payments Credit	-\$187.62
Total Sanitary Sewer Water Impact Fee	\$1,197.47

7.9 MOAB CITY IMPACT FEE

In addition to impact fees assessed by GWSSA, new connections to the sanitary sewer system are also charged impact fees to account for impacts to the collection and treatment systems of Moab City. Based on Moab City's 2023 Sewer Impact Fee Facilities Plan and Impact Fee Analysis, this includes a fees for treatment and collection system that total \$1,361 per ERC. For some customer types, the Moab City ERC calculation varies for flow and treatment impacts. New sanitary sewer connections in the SJSVSSD service area may also be subject to impact fees assessed by SJSVSSD.

8.0 SECONDARY WATER IMPACT FEE ANALYSIS

This impact fee analysis will determine the proportionate cost of excess capacity provided by previous and future projects that are allocable to future growth for the secondary water system. Impact fee calculations may also include the proportionate costs of existing facilities and components that currently have excess capacity. As with the other analyses, GWSSA should review and update this impact fee analysis every five years.

The existing capacity of the current system that will be used in this Impact Fee Analysis will be based on the data provided by GWSSA's records of previous projects. Excess capacity of system components will be expressed in terms of equivalent residential connections (ERCs). The determination of the existing Level of Service (LOS) of the current distribution system is based on observations from the past several years of operation.

8.1 CURRENT SYSTEM

According to data provided by GWSSA, there are currently 122 residential connections on the secondary water system. There are no active agricultural or commercial connections, and all future growth on the system will consist of adding new residential connections.

Sources for the secondary water system include Ken's Lake, which has a current storage capacity of 2,820 acre-feet, and two wells known as the Beeman and Corbin wells. The potential service area for the irrigation system, without installation of booster pump stations, is limited to the area northwest of Ken's Lake below an elevation of approximately 4,930 ft. This provides approximately 40 psi subject to the lake

level.

The system is at capacity when there is no more available water in the lake. Typically, the system uses all of the available lake water each year, which shows that the existing demand is roughly equal to the available source. New growth in the system will need increased source capacity to cover increased demand. This analysis assumes current secondary water system is sufficient to support the existing connections, so proposed projects that increase source capacity will be 100% allocable to future growth.

8.2 CALCULATION OF AN ERC

One ERC for the secondary water system is defined as the amount of water used by an average residential connection. For this impact fee analysis an ERC is based on an average lot size of 1/4 acre and an average peak monthly usage of approximately 40,100 gallons. ERCs are factored into calculations for impact fees, user rates, and other analyses.

8.3 PROJECTED DEMAND

Several future developments may bring additional connections to the GWSSA secondary water system over the 20-year planning period. The proposed project in section 8.5 would add secondary water source to facilitate expansion of the secondary distribution to most of the GWSSA service area. Based on GWSSA's growth projections it is anticipated that as many as 3500 new secondary ERCs could be added to the system by the end of the planning period. Planned projects should be designed to accommodate up to 3500 new ERCs.

8.4 EXCESS CAPACITY

The GWSSA secondary water system is sufficient to serve the current connections. This analysis assumes the system is currently at capacity as the annual source requirement is roughly equal to the available source. The system does not have additional excess capacity. GWSSA does not have costs for development of existing secondary water sources with excess capacity that could be assessed to new connections.

8.5 NEW NEAR-TERM PROJECTS

GWSSA plans to commission a secondary water project with an estimated GWSSA cost share of \$78,000 to be completed within the next six years. The project includes creating a diversion at the Colorado River, which will greatly increase the capacity of the system. The system is projected to provide up to 4,500 gallons per minute which would support an additional 4,761 ERCs.

Another project GWSSA plans to commission is an irrigation well pump test program, which is projected to optimize and increase production of the wells by an anticipated 20%. This would allow an increase in the number of connections the system could serve by 159 connections.

A portion of the impact fee analysis costs is also included as an eligible cost. The number of ERCs served by this analysis is an estimate of the ERCs that could be added to the system within the next five years, until the next impact fee update. Because the increase in number of connections will include both new development in the area and potential expansion of the secondary system to existing developed area, this analysis uses a conservative estimate of 100 new ERCs to be added to the secondary system within the next five years.

GWSSA also plans to purchase a new irrigation well within the next five years to increase their source capacity. Though specific details of the well to be purchased are unknown, this analysis assumes the new well's capacity at 500 gallons per minute. Based on this assumption the new well would be able to supply secondary water to an additional 529 ERCs.

8.6 ALLOCABLE COSTS

The costs associated with the projects described above are considered 100 percent allocable to new growth because the improvements will provide additional capacity for future developments within the service area.

The impact fee eligibility and cost per ERC per project calculations are shown in Table 8.7.1

8.7 IMPACT FEE CALCULATION

The impact fee calculation is calculated by dividing the total allocable cost by the total number of ERCs served by the improvement.

Table 8.7.1 shows the planned projects, the percent allocable to future growth, the number of ERCs served by the project, the cost of the improvements, principal and interest totals for the improvements, and the impact fee per ERC for each project. The total impact fee for planned projects is \$1,036.84.

The maximum impact fee that GWSSA may reasonably assess to new ERCs, before considering credits, is the total of any past project eligible cost per ERC plus the total of the future project eligible cost per ERC. Because there are no eligible costs for past projects in this case, the maximum impact fee before considering credits is \$1,036.84 per ERC for new connections to the secondary water system.

Table 8.7.1 Planned Projects with Excess Capacity

RECOMMENDED IMPROVEMENTS - IMPACT FEE ELIGIBLE	Cost	Principal + Interest	% Allocable to New Growth	Eligible IF Cost	ERCs Served	\$/ERC
Colorado River Diversion	\$78,000	\$78,000	100%	\$78,000	4761	\$16.38
Irrigation Well Pump Test/Upgrade	\$60,000	\$60,000	100%	\$60,000	159	\$377.36
Impact Fee Analysis	\$7,600	\$7,600	100%	\$7,600	100	\$76.00
Purchase New Existing Well	\$300,000	\$300,000	100%	\$300,000	529	\$567.10
TOTAL				\$445,600		\$1,036.84

8.8 CREDITS

We anticipate no loans or debt payments for the projects shown above, so no credits will be applied to this impact fee.

8.9 RECOMMENDED SECONDARY WATER IMPACT FEE

The total impact fee allowable for secondary water is the sum of the allocable costs for excess system capacity and new projects minus the calculated credit. The maximum recommended impact fee for the secondary water system is \$1,036.84.

9.0 CONCLUSION AND RECOMMENDATIONS

Sunrise Engineering recommends the maximum reasonable impact fee for GWSSA's culinary water, sanitary sewer, and secondary water systems as \$4,670.48, \$1,197.47, and \$1,036.84, respectively, per ERC as indicated in the previous sections. The impact fees are in addition to connections fees.

Before enacting the actual impact fees, GWSSA should take into consideration the relationship between impact fees and future growth. An impact fee can influence the growth in a community. Higher impact fees discourage growth, while lower impact fees encourage growth but provide reduced funds per ERC and require that growth be subsidized by user rates. The actual enacted impact fee should reference the calculated impact fee as the basis of the enacted fee to comply with State law and still meet funding requirements.

A residential connection represents 1 ERC, and no residential or commercial connection should pay less than the amount of impact fee charged for a residential connection. The impact fee charged for non-residential connections should equal the amount of the impact fee set for a residential customer times the estimated ERC equivalent of the proposed facility.

The impact fees that are adopted based on these analyses should be charged to new connections until any of the following events occur:

1. New system improvements (other than those included in previous sections of this report) are anticipated within six years and become eligible for inclusion in the impact fee calculation.
2. The impact fee analysis is otherwise reviewed and updated. The recommended frequency for updates is every five years.
3. The excess capacity of the existing system facilities that are included in this analysis is expended.
4. The impact fee eligible portion of the costs outlined here are fully recouped through collected impact fees.

GWSSA has experienced increasing growth over the past two decades and continual growth is expected. These impact fee analyses will help the Agency apportion the costs of system improvements and capacity expansion to the new growth that the improvements will serve.

APPENDIX A:
ANALYSIS OF BANBERRY FACTORS

Banberry Factors Analysis

Utah Code Ann. 11-36a-304(2) requires that the following factors, also known as the Banberry Factors be considered as applicable in order to verify that the proportionate share of the costs of public facilities are reasonable related to the new development activity.

1. *The cost of each existing public facility that has excess capacity to serve the anticipated development resulting from the new development activity:*

The cost of each existing public facility that has excess capacity to serve the anticipated development resulting from new development activity is discussed in Section 6.5 for GWSSA's culinary system

2. *The cost of system improvements for each public facility:*

The costs of projected system improvements for the GWSSA's culinary water system are discussed in the same section as the cost of facilities with excess capacity.

3. *Other than impact fees, the manner of financing for each public facility, such as user charges, special assessments, bonded indebtedness, general taxes, or federal grants:*

Each public facility with excess capacity has been funded in part by loans, part by self-funding, and another portion by grant. This analysis only included debt and self-funding of projects in calculating the impact fees.

4. *The relative extent to which development activity will contribute to financing the excess capacity of an system improvements for each existing public facility, by such means as user charges, special assessments, or payment from the proceeds of general taxes:*

Currently, only assessed impact fees are used to finance the excess capacity of system improvements. A credit is calculated for future projects based on an estimated funding plan. The credit analysis may be found in section 6.8 of this analysis. It is again noted that this impact fee analysis should be reviewed and updated regularly to ensure that the fees remain applicable and fair.

5. *The relative extent to which development activity will contribute to the cost of existing public facilities and system improvements in the future:*

It is not currently anticipated that development activity will contribute to the cost of existing public facilities and future system improvements outside of the allocable costs of current excess capacity and future projects as discussed within this analysis.

6. *The extent to which the development activity is entitled to a credit against impact fees because the development activity will dedicate system improvements or public facilities that will offset the demand for system improvements, inside or outside the proposed development:*

New development activity should be allowed a credit against impact fees to the extent that the development activity dedicates system improvements or public facilities that offset the demand for system improvements. However, no such dedications have been proposed and none are currently planned. GWSSA must address this issue if and when a developer proposes to dedicate new system improvements to offset the demand for the agency to provide those improvements.

7. *Extraordinary costs, if any, in servicing the newly developed properties:*

This factor is not currently applicable to this impact fee analysis.

8. *The time-price differential inherent in fair comparisons of amounts paid at different times:*

The time-price differential of amounts paid at different times related to the impact fee is influenced not only by inflation, but also by the amount that is paid towards the system costs through user fees over time. For this purpose, Sections 6.9 and 7.7 recommend a user fee credit if any portion of user fees is used to service debt/bond payments. It is not considered feasible to update the impact fee on an annual basis to account for the time price differential of amounts paid at different times. In order to ensure that the time-price differential associated with impact fees paid at different times is limited, GWSSA should review and update this impact fee analysis at least once every five years.

APPENDIX B:
CALCULATION OF USER FEE CREDIT

CALCULATION OF THE AVERAGE YEARS THAT NEW CONNECTIONS WILL PAY USER FEES WITHIN THE 20 YEAR PLANNING PERIOD				
Year	ERCs	New ERCs	Years Remaining in Planning Period	Total Years (Years Remaining x New ERCs)
2024	2497	0	20	0
2025	2547	50	19	949
2026	2598	51	18	917
2027	2650	52	17	883
2028	2703	53	16	848
2029	2757	54	15	811
2030	2812	55	14	772
2031	2868	56	13	731
2032	2926	57	12	688
2033	2984	59	11	644
2034	3044	60	10	597
2035	3105	61	9	548
2036	3167	62	8	497
2037	3230	63	7	443
2038	3295	65	6	388
2039	3361	66	5	329
2040	3428	67	4	269
2041	3496	69	3	206
2042	3566	70	2	140
2043	3638	71	1	71
2044	3710	73	0	0
		1213	Total Years	10731
	Average Years (Total Years/New ERC's)			8.84

CALCULATION OF THE AVERAGE ANNUAL PORTION OF THE USER FEE PAID TO PLANNED PROJECTS AND THE USER FEE CREDIT			
Year	ERC's	Annual Eligible Project Debt Service	Portion of User Fee to Planned Projects
2024	2497	\$ 67,490.94	\$ 27.03
2025	2547	\$ 67,490.94	\$ 26.50
2026	2598	\$ 67,490.94	\$ 25.98
2027	2650	\$ 67,490.94	\$ 25.47
2028	2703	\$ 67,490.94	\$ 24.97
2029	2757	\$ 67,490.94	\$ 24.48
2030	2812	\$ 67,490.94	\$ 24.00
2031	2868	\$ 67,490.94	\$ 23.53
2032	2926	\$ 67,490.94	\$ 23.07
2033	2984	\$ 67,490.94	\$ 22.62
2034	3044	\$ 67,490.94	\$ 22.17
2035	3105	\$ 67,490.94	\$ 21.74
2036	3167	\$ 67,490.94	\$ 21.31
2037	3230	\$ 67,490.94	\$ 20.89
2038	3295	\$ 67,490.94	\$ 20.48
2039	3361	\$ 67,490.94	\$ 20.08
2040	3428	\$ 67,490.94	\$ 19.69
2041	3496	\$ 67,490.94	\$ 19.30
2042	3566	\$ 67,490.94	\$ 18.92
2043	3638	\$ 67,490.94	\$ 18.55
2044	3710	\$ 67,490.94	\$ 18.19
(A) Average Portion of Annual User Fee to Planned Projects			\$22.33
(B) Average Years of Payment			8.84
User Fee Credit			\$197.42

SUMMARY

Grand Water & Sewer Service Agency (GWSSA) provides culinary water, sanitary sewer, and secondary irrigation water services to homes and businesses throughout Grand County, Utah. The area has experienced significant growth in recent years, which places additional demand on the existing water and sewer systems. To help pay for the infrastructure needed to serve new development, GWSSA charges impact fees to new customers. These fees are based on an Impact Fee Facilities Plan (IFFP) and Impact Fee Analysis (IFA), which identify future infrastructure needs and determine the maximum fees that can be assessed. This summary provides an overview of the proposed impact fees.

For culinary water, the analysis proposes a maximum impact fee of \$4,670.48 per equivalent residential unit. This fee reflects both recently completed and planned infrastructure improvements needed to support future growth. Recent projects include the construction of a 3-million-gallon water storage tank, development of the Chapman and Spanish Valley wells, and other system-wide water improvements. Planned projects include upgrades along Holyoak Lane, replacement of the Murphy Lane pressure-reducing valve station, and replacement of several undersized pipelines throughout the system.

For sanitary sewer, the analysis proposes a maximum impact fee of \$1,197.47 per equivalent residential unit. This fee is based on planned improvements that will increase system reliability and accommodate future growth. Projects include replacement of a 12-inch sewer pipeline along Highway 191, installation of a pump skimming station, and studies to evaluate future sewer system connections and capacity needs.

For secondary water, the analysis proposes a maximum impact fee of \$1,036.84 per equivalent residential unit. This fee will help fund future improvements, including a new Colorado River diversion, testing and upgrades to irrigation well capacity, and the purchase of an additional well to meet increasing irrigation demands.

GRAND WATER & SEWER SERVICE AGENCY

RESOLUTION NO. 2026-07-16-a

**A RESOLUTION OF THE GRAND WATER & SEWER SERVICE AGENCY ADOPTING THE
IMPACT FEE FACILITY PLAN (IFFP) AND IMPACT FEE ANALYSIS (IFA) 2026 TO INCLUDE
THE RECOMMENDED IMPACT FEE**

WHEREAS, through the terms of the Interlocal Agreement forming the Grand Water & Sewer Service Agency ("Agency"), the member districts conferred and delegated to the Agency all rights, duties, powers, privileges, and authority necessary to own, operate, maintain, improve, and expand the Agency's culinary water system; and

WHEREAS, the Agency is responsible for providing safe, reliable, and sustainable culinary water service throughout its service area; and

WHEREAS, The Agency is responsible for providing safe, sanitary sewer service through its service area; and

WHEREAS, new growth places an additional burden on the Agency's sewer and culinary water system and creates the need for new infrastructure and system improvements; and

WHEREAS, the Utah Impact Fees Act, Utah Code Title 11, Chapter 36a, authorizes the Agency to impose impact fees on new development to mitigate the impact of such development on public infrastructure and to recover only the proportionate share of the costs of system improvements attributable to future growth, while excluding costs associated with improvements that increase the level of service for existing customers; and

WHEREAS, the Grand Water & Sewer Service Agency ("Agency") is authorized to impose impact fees in accordance with the Utah Impact Fees Act and applicable constitutional requirements, including that any impact fee bears an essential nexus to the impacts of new development and be roughly proportional to the burden created by such development; and

WHEREAS, the Utah Impact Fees Act requires the Agency to prepare a written Impact Fee Analysis prior to adopting or amending impact fees, demonstrating that the proposed fees are reasonably related to the impacts of anticipated development and are proportionate to the costs of existing and future system improvements necessary to serve that development; and

WHEREAS, the Board of Directors has reviewed the Impact Fee Facility Plan (IFFP) and Impact Fee Analysis (IFA) 2026, together with the supporting information contained therein, including the consideration of the factors established by the Utah Supreme Court in *Banberry Development Corp. v. South Jordan Town* and subsequent Utah appellate

decisions, and finds that the proposed impact fees are reasonable, proportionate, and consistent with applicable law; and

NOW, THEREFORE, BE IT RESOLVED by the Grand Water & Sewer Service Agency that:

1. The Board hereby accepts and adopts the “IMPACT FEE FACILITY PLAN (IFFP) AND IMPACT FEE ANALYSIS (IFA) 2026” (Exhibit “A”).
2. The Agency Manager and/or their designees are authorized to administer and enforce the provisions of Exhibit "A" and to approve minor administrative revisions, formatting changes, updated references to industry standards, and other non-substantive modifications necessary to maintain the effectiveness of the document, provided such revisions do not materially alter Agency policy without approval of the Board of Directors.
3. This Resolution will shall become effective immediately upon its adoption by the board of directors.

Adopted by the Grand Water & Sewer Service Agency on July 16th, 2026, by the following vote:

Aye: _____

Nay: _____

Abstained: _____

Absent: _____

ATTEST:

GARY WILSON, PRESIDENT

BENJAMIN MUSSELMAN, AGENCY MANAGER

June 24, 2026

Grand Water
RE: Quote

Via e-mail: BEN@GRANDWATER.ORG
Phone: 435-259-8121

Dear Ben,

Mike Zimmerman Well Service, LC, appreciates the opportunity to quote our services on your project. Established below is our 'Price Proposal' for the work in question.

DESCRIPTION	UNIT	QUANTITY ESTIMATE	UNIT \$	EXTENDED \$
1. 12" PVC Spline Casing	LF	20	\$165.00	\$3,300.00
2. 12" SS Screen	LF	100	\$345.00	\$34,500.00
3. PVC Adapters	EA	1	\$405.00	\$ 405.00
4. Mobilization	EA	1	\$8,000.00	\$8,000.00
5. Clean Out (IF NEEDED)	HR	40	\$500.00	\$20,000.00
6. Gravel Pack	CY	2	\$1500.00	\$3,000.00
7. Per Diem (3 Men @ \$250 Per Man, Per Day)	EA	5	\$750.00	\$3,750.00
			TOTAL:	\$72,955.00

1. 10 HP 175 GPM SSR Pump	EA	1	\$4664.00	\$4,664.00
2. 10 HP 460V 3 Ph SME Motor	EA	1	\$2885.00	\$2,885.00
3. Danfoss Drive	EA	1	\$13,338.00	\$13,338.00
4. 3" Drop Pipe	LF	120	\$13.70	\$1,644.00
5. #10 Wire	LF	130	\$3.63	\$ 471.90
6. Misc Fittings & Supplies	EA	1	\$300.00	\$ 300.00
7. Labor	HR	12	\$300.00	\$3,600.00
			TOTAL:	\$26,902.90

**** Secondary to market uncertainty, steel prices are subject to change ****

Actual quantities may vary. Quotation valid for ten (10) days from date written. 50% of estimated drilling cost is required prior to drilling well, balance due upon completion. Price does not include permits, site preparation, trenching or cleaning of landscape.

A 3% service charge will be applied for payment with a credit card.

Water softeners, filters, and water treatment systems available.

Mike Zimmerman Well Service, LLC / GZ 801-250-1400

Desert H2O
PO Box 1028
Moab, UT 84532

Estimate

Date 6/24/2026
Estimate # 514

Name / Address

Grand County Water and Sewer

P.O. #

Terms

Net 30

Due Date

7/24/2026

Other

Description	Qty	Rate	Total
Well Repair at Powerhouse Ln			
12" PVC Casing per foot	130	130.00	16,900.00
3" Galv Drop Pipe	126	40.00	5,040.00
3" Galv Coupling	5	80.00	400.00
3" DI Check Valve	1	740.00	740.00
175 GPM Franklin SSR 4STG 304SS 6IN PUMP END	1	4,539.00	4,539.00
10HP 230/460 3PH 6" Franklin VOLT X SANDFTR	1	2,840.00	2,840.00
Danfoss 10HP VFD 460V in/460V out 3ph	1	4,750.00	4,750.00
#10 Submersible Pump Wire	150	3.00	450.00
Labor	8	200.00	1,600.00
		Subtotal	\$37,259.00
		Sales Tax (6.85%)	\$0.00
		Total	\$37,259.00

Desert H2O

dannyprickett@hotmail.com

435-259-1757

435-259-1757

Utah SNOTEL Snow/Precipitation Update Report

Provisional data, subject to revision

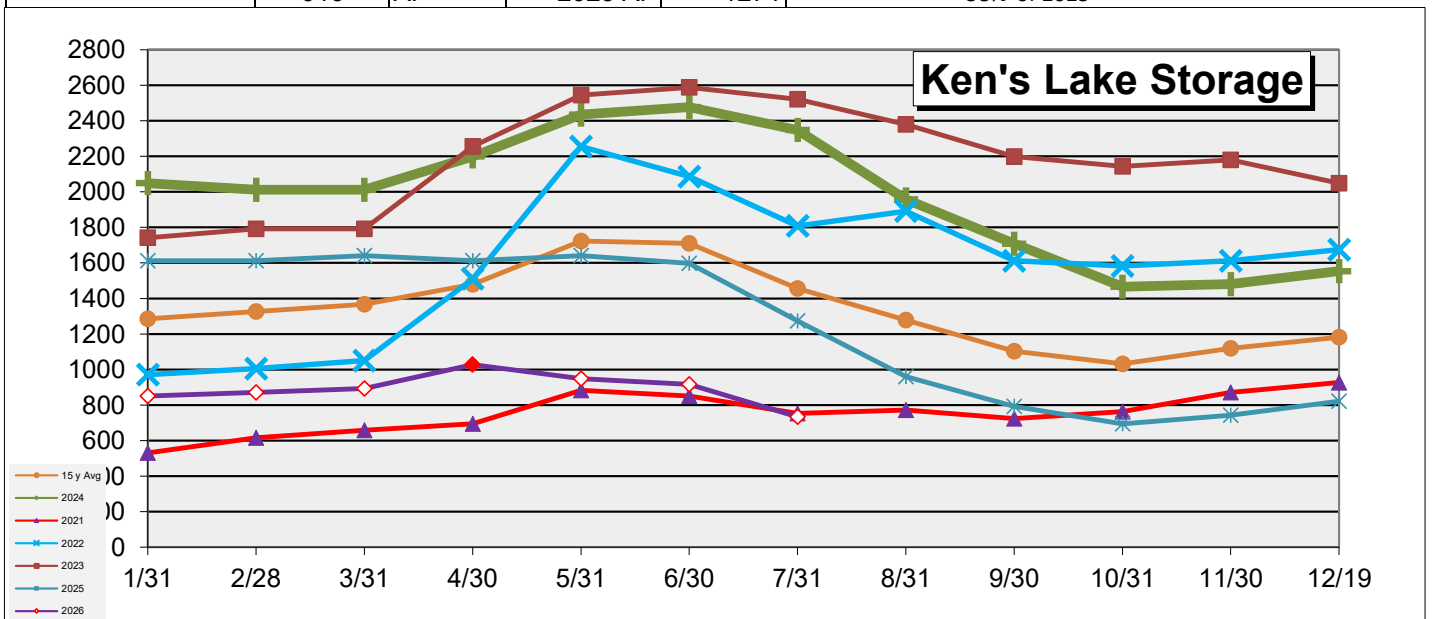
July 13th, 2026

Basin Site Name	Elev (ft)	Snow Water Equivalent			Year-to-Date Precipitation		
		Current (in)	Average (in)	Pct of Avg	Current (in)	Average (in)	Pct of Avg
SOUTH EASTERN UTAH *Water Year run October 1 to September 30							
7/13/2026	9580	0	0	*	17.3	24.8	70
6/15/2026	9580	0	0	*	17.1	23.0	74
5/20/2026	9580	0	0	*	17.0	21.0	81
LAST YEAR	9580	0	0	*	17.8	24.8	72
	Max Avg	*	* median average for the day was zero				

Lake level

Full capacity is 2610 AF

7/13/2026	733.5	AF	2024 AF	2348	31% of 2024
6/15/2026	916	AF	2025 AF	1274	58% of 2025



Soil Moisture Data

Basin Site Name	Elev. (ft)	Soil Moisture (% Volume)				Weighted Average	Estimated % Saturation
		2 inch	4 inch	8 inch	20 inch		
SOUTH EASTERN UTAH LASAL MOUNTAIN							
7/13/2026	9758	0.3	*	0.5	3.4	1.80	4%
6/15/2026	9758	0.9	*	2.3	12.3	6.63	17%
Last Year	9578	0.0	*	0.4	4.4	2.16	5%

Timestamp	Reservoir Level	Storage Capacity	Date
7/15/2026 12:00:19	5016.5	733.5	7/13/2026
7/15/2026 12:00:05	5017.5	772.5	7/6/2026
6/30/2026 12:42:55	5018.75	821	6/30/2026
6/25/2026 8:34:55	5020	871	6/22/2026
6/16/2026 7:53:13	5021	916	6/15/2026
6/11/2026 9:44:45	5021.5	938	6/8/2026
6/4/2026 8:12:33	5021.5	938	6/1/2026
6/4/2026 8:12:09	5021.5	938	5/29/2026
5/28/2026 13:56:44	5021.5	938	5/28/2026
5/27/2026 14:51:32	5021.75	949	5/20/2026
5/20/2026 10:27:31	5021.5	938	5/18/2026
5/13/2026 10:54:20	5022.25	971.25	5/11/2026
5/5/2026 15:31:47	5023.25	1016.25	5/4/2026
5/5/2026 15:32:19	5023.25	1016.25	5/1/2026
4/29/2026 7:47:57	5023	1005	4/27/2026
4/22/2026 8:10:32	5023.5	1027.5	4/20/2026
4/16/2026 11:03:24	5023.5	1027.5	4/16/2026
4/14/2026 15:34:48	5023.25	1016.25	4/13/2026
4/7/2026 6:55:12	5022	960	4/6/2026
3/31/2026 14:24:32	5022	960	3/31/2026
3/31/2026 14:28:43	5021.75	949	3/30/2026
3/24/2026 11:17:46	5020.5	893.5	3/23/2026