



State of Utah

SPENCER J. COX
Governor

DEIDRE HENDERSON
Lieutenant Governor

Department of Environmental Quality

Tim Davis
Commissioner

DIVISION OF WATER QUALITY
Candice A. Hasenyager, P.E.
Director

Water Quality Board
James Webb, Chair
Trevor Heaton, Vice Chair
Jeannie Simmonds
Robert Fehr
Michela Harris
Joseph Havasi
Jill Jones
Tim Davis
Candice A. Hasenyager, P.E.
Executive Secretary

**Utah Water Quality Board Meeting
MASOB (Board Room) 1st Floor
195 North 1950 West
Salt Lake City, Utah 84116
And
[Google Meet](#)**

**August 26, 2026
Board Meeting Begins at 8:30 AM**

AGENDA

Water Quality Board Meeting Call to Order & Roll Call

James Webb

Minutes:

Approval of Minutes for June 24, 2026
Water Quality Board Meeting

James Webb

Executive Secretary Report

Candice A. Hasenyager

Compliance & Enforcement:

1. Request for Approval of Settlement Docket No. I24-08, Schreiber Foods, Inc.

Amber Loveland

Funding:

1. Financial Status Report
2. Mount Pleasant City Introduction
3. Town of Fountain Green Introduction
4. Fillmore City Introduction
5. Bear Lake Special Service District Introduction

**Adriana Hernandez
Henry Willmes
Andrew Pompeo
Beth Wondimu
George Meados**

Other:

1. Informational – Update on PFAS in Biosolids Workgroup

Jim Harris

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Public Comment Period

Meeting Adjournment

James Webb

Next Meeting
September 23, 2026, at 8:30 am
MASOB & Via [Google Meet](#)
195 North 1950 West
Salt Lake City, Utah 84116



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MINUTES

UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY UTAH WATER QUALITY BOARD

MASOB

and

Via [Google Meet](#)

June 24, 2026

8:30 am Board Meeting

UTAH WATER QUALITY BOARD MEMBERS PRESENT

Jill Jones
Tim Davis
Trevor Heaton
Michela Harris
Joe Havasi
Jeannie Simmonds
Rob Fehr

DIVISION OF WATER QUALITY STAFF MEMBERS' PRESENT

Candice A. Hasenyager	Emily Cantón
Clanci Hawks	Christa Hutchison
Deidre Beck	Dave Pierson
Sandy Wingert	Leanna Littler-Woolf
Toby Hooker	Lonnie Shull
Samuel Taylor	Alex Heppner
Linsey Shafer	Tessa Scheuer
Danielle Lenz	Jake Vander Laan
Samantha Heusser	Ben Holcomb
Adriana Hernandez	Alan Ochoa Rodriguez
John Schwarz	Jeffrey Studenka
James Harris	Beth Wondimu
Cambria Linville	Skyler Davies
Lindsay Cowles	Eric Castrejon
Robert Beers	Daniel Griffin
Paul Burnett	

OTHERS PRESENT

Taigon Worthen	Virgin Town
Manjot Masson	Ariel Calmes
Leland Myers	Paul Anderson
Tom Anderson	Derek Anderson
Tyler Barfusey	James Goodley
Brie Thompson	Ryker Steglich
Soren Simonsen	Kimball Myers
Dao Yang	Fibers Maintenance
Jean Krause	Fox 13 News
Monica Bowcut	Rob Dubuc

Mr. Heaton called the meeting to order at 8:30 AM.

ROLL CALL

Mr. Heaton took roll call for the members of the Board.

APPROVAL OF MINUTES – May 27, 2026, Meeting

Motion: Mr. Havasi moved to approve the meeting minutes.
Mr. Fehr seconded the motion.
The motion passed unanimously.

EXECUTIVE SECRETARY REPORT:

Director Hasenyager addressed the Board with the following updates:

- **Legislative Interim Committee Update**
 - The Natural Resources, Agriculture, and Environmental Quality Appropriations Subcommittee reviewed the *Efficiency Evaluation of the UPDES Program* report.
 - The evaluation was presented jointly by the Governor's Office of Planning and Budget (GOPB) and the Legislative Fiscal Analyst (LFA).
 - Leanna Littler-Woolf presented the Division of Water Quality's (DWQ) formal response to the subcommittee.
- **Tooele Valley Public Infrastructure District UPDES Permit**
 - To date, DWQ has received over 200 public comments regarding the draft UPDES permit.
 - A public hearing is scheduled for July 27, 2026, at 6:00 PM.
 - DWQ is seeking a Hearing Officer for the event and extends an invitation to Water Quality Board members interested in serving.
- **Personnel and Staffing Changes**
 - Skyler Davies, P.E., has been appointed as the new Engineering Section Manager, succeeding Ken Hoffman, P.E.
 - The Groundwater Section welcomes two new staff members.
 - A new Recreational Water Quality Program Coordinator has joined the Division.
 - The recruitment process for the Deputy Director position has officially commenced.

Administrative:

Appointment of Skyler Davies, P.E. as Official Signatory:

Ms. Littler-Woolf presented a request for approval to appoint Mr. Davies as an Assistant Executive Secretary to sign official documents for the Utah Wastewater Project Assistance Program.

Motion: Ms. Jones moved to designate Mr. Davies as Official Signatory.
Ms. Harris seconded the motion.
The motion passed unanimously

2026 Triennial Review of Utah's Water Quality Standards:

Mr. Vander Laan addressed the Board with an informational presentation regarding the mandatory review of water quality standards, which involves internal review, public participation, and submission to the EPA. Priority areas include updating criteria for recreational waters, cyanotoxins, selenium ammonia, and human health parameters.

Rule Making:

Request to finalize Rulemaking for Total Maximum Daily Loads (TMDL) for *E. Coli* in the Jordan River Watershed 2026 Addendum:

Mr. Taylor presented a request to approve an amendment to the TMDL for *E. Coli* in the Jordan River Watershed. The 2026 Addendum expands the scope to include City Creek and Bingham Creek.

Motion: Ms. Harris moved to approve the amendment to the TMDL for *E. Coli* in the Jordan River Watershed.
Ms. Jones seconded the motion.
The motion passed unanimously.

Funding:

Final Report for Virgin River Groundwater Study:

A final report on the Town of Virgin's groundwater protection study was presented by Paul Anderson, Mayor Jean Krause, Ryker Steglich and Brie Thompson.

PUBLIC COMMENTS:

None

MEETING ADJOURNMENT

Motion: Ms. Jones moved to adjourn the meeting.
Mr. Havasi seconded the motion.
The motion passed unanimously.

The full recording of the June 24, 2026, Water Quality Board Meeting may be viewed here [June Meeting Recording](#)

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June 24, 2026
Water Quality
Minutes

Next Meeting – August 26, 2026
Meeting begins at 8:30 am

In-Person
MASOB
195 North 1950 West
Board Room 1015
Salt Lake City, Utah 84116

James Webb, Chair
Utah Water Quality Board



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MEMORANDUM

TO: Water Quality Board

THROUGH: Candice A. Hasenyager, P.E., Director

THROUGH: Samantha Heusser, Compliance and Enforcement Manager

FROM: Amber Loveland

DATE: August 26, 2026

SUBJECT: Request for Approval of Settlement Docket No. I24-08 for Schreiber Foods, Inc.

The Utah Water Quality Act, Utah Code Section 19-5-104(3)(g) requires that any settlement negotiated by the Director with a civil penalty of \$25,000 or more must be reviewed and approved or disapproved by the Utah Water Quality Board ("Board"). The Division is requesting Board approval of a settlement with Schreiber Foods, Inc. ("Schreiber"). Schreiber signed the proposed settlement on June 16, 2026.

Schreiber is a foreign corporation based in Wisconsin doing business in Smithfield, Utah and is responsible for the operation of the Amalga Cheese Plant and associated four-cell wastewater lagoon treatment facility and land application sites located at 2180 West 6550 North, Amalga, Utah 84335.

The settlement agreement resolves violations associated with an unpermitted emergency discharge of wastewater from the facility's lagoon system. On March 28, 2024, to prevent an imminent breach of its lagoon containment berms, Schreiber initiated a release from Cell #4 into an adjacent wetland complex tributary to Clay Slough, Cutler Reservoir, and the Bear River. The discharge continued through July 11, 2024, resulting in a total volume of approximately 98 million gallons released. Water quality monitoring conducted by both the Division and Schreiber confirmed that the effluent caused exceedances of Utah Water Quality Standards for pH, Total Dissolved Solids, and Ammonia.

The Director issued a Notice of Violation and Compliance Order (“NOV/CO”), Docket No. I24-08, to Schreiber on March 26, 2025 (enclosed). The NOV/CO cited Schreiber for discharging pollutants without a permit under Utah Code § 19-5-107 and violating state numeric water quality standards under Utah Admin. Code R317-2-7 and R317-2-14. Schreiber timely complied with the Compliance Order by submitting all requested information/data, including but not limited to, engineering evaluations regarding berm integrity and capacity management.

The total negotiated civil penalty is **\$75,364.50**, calculated with accordance with the Utah Admin Code R317-1-8. The partially signed stipulated compliance order (“SCO”) can be accessed [here](#).

The public comment period for the SCO ran from July 8, 2026, to August 7, 2026, and no comments were received.

The SCO represents what the Division believes to be a fair and reasonable settlement. It is the Division’s recommendation that this settlement be granted Board approval for execution by the Director.

Attachments: I24-08 Notice of Violation and Compliance Order (DWQ-2025-000566)

**UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF WATER QUALITY**

In the Matter of: Schreiber Foods, Inc. Amalga Cheese Plant	NOTICE OF VIOLATION AND COMPLIANCE ORDER DOCKET NO. I24-08
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This Notice of Violation and Compliance Order (“NOV/CO”) is issued to Schreiber Foods, Inc. (“Schreiber”) in its capacity as operator and/or owner of the Amalga Cheese Plant located at 2180 West 6550 North, Amalga, Utah 84335 (“Facility”), as well as the associated wastewater lagoon treatment facility (cells #1, 2, 3 and 4) and land application sites, located in the Amalga Barrens area in Cache County, Utah, based upon the Facts and Determinations asserted herein. This NOV/CO is issued by the Director of the Utah Division of Water Quality (“Director”) pursuant to the Director’s authority under the Utah Water Quality Act, Utah Code §§ 19-5-101 *et seq.* (the “Act”) and Utah Admin. Code R317-1 *et seq.* (“Water Quality Rules”). This NOV/CO is also issued in accordance with the administrative procedures of the Utah Department of Environmental Quality, Utah Admin. Code R305-7 *et seq.*

A. STATUTORY AUTHORITY

1. The State of Utah’s surface water quality programs as adopted in the Act by the Utah Legislature operate with federal oversight and under delegation from the Environmental Protection Agency (“EPA”) under the Clean Water Act, 33 U.S.C. § 1342.
2. The Director is authorized to issue, continue in effect, renew, revoke, modify, or deny discharge permits and to issue orders under the Act, and in accordance with Utah Code § 19-5-106(2)(d), may enforce rules made by the Water Quality Board (“Board”) through the issuance of orders.
3. The Utah Division of Water Quality (“Division”) was created to administer the Act under the immediate direction and control of the Director pursuant to Utah Code § 19-1-105.
4. Pursuant to Utah Code § 19-5-111, whenever the Director determines there are reasonable grounds to believe that there has been a violation of the Act, the Water Quality Rules, or any order of the Director or the Board, the Director may issue a notice of violation. In that event, the notice of violation shall require that the matters complained of be corrected.
5. Pursuant to Utah Code § 19-5-115, violation of the Act, or any permit, rule, or order adopted under the Act, may be subject to a civil penalty of up to \$10,000 per day of

violation. Higher penalties and other sanctions may arise in situations amounting to knowing violations.

B. APPLICABLE STATUTORY AND REGULATORY PROVISIONS

1. Utah Code § 19-5-107(1)(a) states: “Except as provided in [the Act] or [Water Quality Rules], it is unlawful for any person to discharge a pollutant into waters of the state or to cause pollution which constitutes a menace to public health and welfare, or is harmful to wildlife, fish, or aquatic life, or impairs domestic, agricultural, industrial, recreational, or other beneficial uses of water, or to place or cause to be placed any waste in a location where there is probable cause to believe it will cause pollution.”
2. Utah Code § 19-5-102(22) defines “Waste” or “pollutant” as “dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discarded equipment, rock, sand, cellar dirt, and industrial, municipal, and agricultural waste discharged into water.”
3. Utah Code § 19-5-102(23)(a) defines “Waters of the state” as “streams, lakes, ponds, marshes, watercourses, waterways, wells, springs, irrigation systems, drainage systems, and all other bodies or accumulations of water, surface and underground, natural or artificial, public or private, that are contained within, flow through, or border upon this state or any portion of the state.”

C. FACTS & DETERMINATIONS

1. Schreiber is a foreign corporation based in Wisconsin and doing business in Smithfield, Utah. Schreiber owns and operates the Facility and the associated wastewater lagoon treatment system (“lagoon system”). The lagoon system, land application areas and evaporation wetland areas are located in Township 13 North, Range 1 West, in the eastern quarter of Section 23, the western quarter of Section 24 and the northeast quarter of Section 26, Salt Lake Base and Meridian. The approximate coordinates for the wastewater treatment lagoons are 41.853463°N, - 111.908345°W.
2. Schreiber was issued Ground Water Discharge permit No. UGW050004 (“Permit”) which became effective on April 8, 2020, and expires on April 7, 2025. The permit authorizes the operation of a wastewater lagoon treatment system and land application in the specified locations within the Amalga Barrens area in Cache County, Utah
3. The Permit approves land application in the following locations: 1) the 110-acre land application site located in Section 23, Township 13 North, Range 1 West, Salt Lake Base Meridian, adjacent to the Schreiber wastewater treatment lagoons on the north and west; and 2) the 160-acre land application site located in Section 26, Township

13 North, Range 1 West, Salt Lake Base Meridian, southwest of the Schreiber wastewater treatment lagoons.

4. On March 28, 2024, Schreiber submitted to the Division an “Emergency Wastewater Discharge Plan” (“Plan”). The Plan provided information including, but not limited to, the following:
 - i. Schreiber reported that a breach of the lagoon system was imminent. Specifically, “due to the full capacity of the wastewater lagoons, Schreiber has determined that an emergency discharge of wastewater is required to prevent wastewater from breaching the lagoon system and flooding the surrounding properties. A breach in the wastewater lagoon system would cause severe damage to the lagoon system containment berms and surrounding agricultural crops.” The Plan provided justification as to why Schreiber believed the discharge is unavoidable.
 - ii. The approximate discharge location at a latitude of 41.848869 degrees and longitude of -111.913044 degrees (“Discharge Point”). The Plan described the impacted area of the Discharge Point as a “wetland complex,” located to the west of the lagoon system, that drains into an existing drainage that flows through a culvert under 6200 North Street. The drainage then flows in a southwest direction, under 3200 West Street, and discharges into the Clay Slough.
 - iii. Schreiber estimated 100,000,000 gallons of wastewater would be discharged from cell #4 (the final cell) of the lagoon system into the wetland complex; the discharge was tentatively scheduled for April 11, 2024.
 - iv. Schreiber planned to use a Veolia Mobile Water Service ACTIFLO Clarification wastewater treatment system (“Mobile Treatment System”), to “reduce nutrient concentrations and the amount of solids within the wastewater prior to being discharged.” The Plan also states that, “in the event that the Veolia system cannot be operational in time to avoid a breach, wastewater from cell #4 will be discharged without this additional treatment step but in minimal quantities until the system becomes operational.”
 - v. Prior to the wastewater discharge, Schreiber’s consultant, BIO-WEST, would collect water samples along the anticipated discharge flow route to document background water quality conditions within the receiving water bodies. The background sampling locations were identified in Appendix A of the Plan as “SP-1”, “SP-2” and “SP-3.” According to Appendix A of the Plan, SP-1 is located at the Discharge Point, SP-2 is located within the drainage ditch and SP-3 is located between Clay Slough and the drainage ditch at 3200 North Street (approx. 41.839999, -111.927420). The background water samples would be submitted for laboratory analysis of E. Coli, nitrate/nitrite, ammonia as N, total phosphorous, dissolved phosphorous, total dissolved solids

(“TDS”), total suspended solids (“TSS”), chloride, biochemical oxygen demand (“BOD”) and major ions (bicarbonate, carbonate, calcium, magnesium, potassium, sulfate and sodium).

- vi. During the wastewater discharge, Schreiber personnel would monitor the wastewater discharge on a daily basis. Daily discharge monitoring would include discharge rate measurements and pH monitoring. Daily records would be kept. Throughout the Plan, Schreiber used the terms “wastewater discharge” and “discharge water” interchangeably.
 - vii. During the wastewater discharge, BIO-WEST would collect water samples from the “discharge water” on a weekly basis and analyze for nitrate/nitrite, ammonia as N, total phosphorous, TDS, TSS and BOD.
 - viii. During the wastewater discharge, BIO-WEST would collect water samples from the background sampling locations (SP-1, SP-2 and SP-3) on a weekly basis and analyze for nitrate/nitrite, ammonia as N, total phosphorous, TDS, TSS and BOD.
 - ix. After the wastewater discharge, BIO-WEST would continue to collect weekly samples, for maximum of 4 weeks, from the background sampling locations (SP-1, SP-2 and SP-3) to monitor any wastewater discharge impacts on the receiving water bodies.
5. According to Division records, the “wetland complex” (the Discharge Point in the Plan) is a tributary of the Clay Slough and the Bear River. In the alternative, the area is an unclassified water of the State and/or irrigation canal.
6. Utah Admin. Code R317-2-13 classifies Bear River and tributaries from Great Salt Lake to Utah-Idaho border, as well as Cutler Reservoir, as a Class 2B, 3B, 3D, 4 water of the State, which, under Utah Admin. Code R317-2-6, establishes the following protections:
- i. Class 2B – Protected for infrequent primary contact recreation. Also protected for secondary contact recreation where there is a low likelihood of ingestion of water or a low degree of bodily contact with water.
 - ii. Class 3B – Protected for warm water species of game fish and other warm water aquatic life, including the necessary aquatic organisms in their food chain.
 - iii. Class 3D – Protected for waterfowl, shore birds and other water-oriented wildlife not included in Classes 3A, 3B, or 3C, including the necessary aquatic organisms in their food chain.
 - iv. Class 4 – Protected for agricultural uses including irrigation of crops and stock watering.

7. Utah Admin. Code R317-2-13 classifies all irrigation canals and ditches statewide, except as otherwise designated, as Class 2B, 3E, 4 waters of the State, establishing the following protections:
 - i. Class 2B – Protected for infrequent primary contact recreation. Also protected for secondary contact recreation where there is a low likelihood of ingestion of water or a low degree of bodily contact with water.
 - ii. Class 3E – Severely habitat-limited waters. Narrative standards will be applied to protect these waters for aquatic wildlife.
 - iii. Class 4 – Protected for agricultural uses including irrigation of crops and stock watering.
8. Utah Admin. Code R317-2-13 classifies all waters not specifically classified (“Unclassified Waters”) as Class 2B, 3D waters of the State, establishing the following:
 - i. Class 2B – Protected for Protected for infrequent primary contact recreation. Also protected for secondary contact recreation where there is a low likelihood of ingestion of water or a low degree of bodily contact with water.
 - ii. Class 3D – Protected for waterfowl, shore birds and other water-oriented wildlife not included in Classes 3A, 3B, or 3C, including the necessary aquatic organisms in their food chain.
9. Utah Admin. Code R317-2-14(14.1) and Utah Admin. Code R317-2-14(14.2) lists numeric criteria and pollution indicators for the following, but not limited to, parameters for Class 2B, Class 3B, Class 3D, and Class 4 waters of the State, summarized in Table A below:

Table A: Numeric Criteria for Domestic, Recreation, and Agricultural Uses; Aquatic Wildlife

Pollutant Parameter	Class 2B	Class 3B	Class 3D	Class 4
pH Range	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0
Total Dissolved Solids (“TDS”) (mg/L)	N/A	N/A	N/A	1200
Biochemical Oxygen Demand (“BOD”) (mg/L)*	5.0	5.0	5.0	N/A
Ammonia as N (1-Hour Average at a pH of 9; mg/L)	N/A	1.32	1.32	N/A
Total Phosphorus as P (mg/L)*	N/A	N/A	0.05**	N/A
*Pollution indicator				
**Lakes and reservoirs require 0.025 mg/L				

10. Schreiber notified the Division on March 28, 2024 that untreated wastewater discharges from the lagoon to the Discharge Point began on March 28, 2024. This notification was logged as Incident Report No. 16984 in the Utah Department of Environmental Quality Environmental Incidents Database.
11. On May 21, 2024, a representative of the Division inspected Cutler Reservoir and observed an estimated three dozen or more dead carp. The observation was made

from the Cutler Reservoir Clay Slough access point located approximately 2.15 miles downstream from SP-1 with the approximate coordinates of 41.830147, -111.940842.

12. On May 23, 2024, a representative of the Division took samples from Clay Slough and the drainage ditch at the following two locations: 1) SP-3; and 2) the Cutler Reservoir Clay Slough access point. The Division representative relinquished the samples to Chemtech-Ford Laboratories on May 24, 2024, and the samples were assigned the workorder identification number of 24E1965. The results for Ammonia, BOD, TDS, and Phosphorus each exceeded applicable numeric criteria and pollution indicators, as summarized in Table B below:

Table B: May 23, 2024 Division Sample Results, Workorder #24E1965			
Constituent	Numeric Criteria/Pollution Indicator	SP-3	Cutler Reservoir Clay Slough access point
Ammonia as N (mg/L)	Class 3B, 3D: 1.32 mg/L	<i>1.85</i>	<i>4.26</i>
BOD (mg/L)	Class 2B, 3B, 3D: 5.0 mg/L	<i>14</i>	<i>62</i>
TDS (mg/L)	Class 4: 1200 mg/L	<i>1980</i>	<i>2320</i>
Total Phosphorus as P (mg/L)	Class 3B: 0.05 mg/L* *Lakes and reservoirs require 0.025 mg/L	<i>5.8</i>	<i>3.8</i>

13. On August 9, 2024, Schreiber submitted to the Division a final report titled, "Report for Emergency Wastewater Discharge Plan/Approval" ("Report"), which stated the discharge ceased on July 11, 2024. The Report summarized the events of the release and included results from Schreiber's daily and weekly samples taken during and after the discharge. To the Division's knowledge, no data was submitted preceding the discharge to document background water quality conditions within the receiving water bodies as described in the Plan. The following information was provided in the Report:

- i. Beginning on March 28, 2024, Schreiber began to discharge untreated wastewater, from cell #4 of the lagoon system, into the wetland ("Discharge Point") which is approximately the same location as background sample point SP-1.
- ii. Startup of the Mobile Treatment System occurred on or about April 17, 2024. However, Schreiber did not exclusively discharge wastewater through the Mobile Treatment System until on or about May 8, 2024. Therefore, from March 28, 2024 to May 8, 2024 the discharge was partially treated by the Mobile Treatment System.
- iii. Beginning on or about May 8, 2024, Schreiber began to exclusively discharge wastewater through the Mobile Treatment System into the wetland.

- iv. Schreiber ceased the wastewater discharge on July 11, 2024.
- v. A total of 98,089,207 gallons of wastewater was discharged into the wetland between March 28th and July 11th, 2024 (approximately fifteen weeks). Of that total discharge, 57,551,660 gallons (58%) was partially treated by the Mobile Treatment System.
- vi. The Report provided daily records of the measured flow rate and pH of the “discharge water,” as described in the Plan. The measured pH of the untreated discharge exceeded the numeric criteria of 9.0 on forty-one (41) occasions between March 29, 2024 and May 8, 2024. The measured pH of the treated discharge (through the Mobile Treatment System) exceeded 9.0 on forty-three (43) occasions between April 17, 2024 and July 11, 2024. For efficiency purposes these data are not summarized in a table.
- vii. The Report provided weekly background sample results from SP-1, SP-2, and SP-3.
- viii. The Report provided additional sample points which were not previously identified in the Plan. These additional sample points were described in written correspondence with the Division on August 13-14, 2024 and identified as “SP-4,” “South Sample,” “WW-1,” and “Discharge.” According to this correspondence, ‘SP-4’ and ‘South Sample’ are sample locations added following the fish kill report in Cutler Reservoir. SP-4 is located within Clay Slough, upstream of the point where the convergence of the wetland and drainage ditch flow into Clay Slough (approx. 41.844692, -111.933039). ‘South Sample’ is located within Clay Slough, near the Cutler Reservoir Clay Slough access point that is downstream of SP-1, SP-2, and SP-3 (approx. 41.830532, -111.941006). ‘WW-1’ is a sample location from within lagoon cell #4. ‘Discharge’ is a sample of the effluent from the Mobile Treatment System, and it is the Division’s understanding that effluent from the Mobile Treatment System was piped and discharged from the SP-1 location.
- ix. The analytical results reported by Schreiber for Phosphorus, Ammonia, BOD, TDS, and pH for WW-1 and Discharge are summarized in Table C. Exceedances of applicable Utah Water Quality Standards are identified in italicized and bolded text:

Table C: Schreiber Weekly Sampling Results for WW-1 & Discharge Total Phosphorus as P; Ammonia as N; BOD; TDS; and pH					
	Total Phosphorus as P Standard Class 3B: 0.05 mg/L* <i>*Lakes and reservoirs require 0.025 mg/L</i>	Ammonia as N Standard Class 3B, 3D: 1.32 mg/L	BOD Standard Class 2B, 3B, 3D: 5.0 mg/L	TDS Standard Class 4: 1200 mg/L	pH Standard Class 2B, 3B, 3D, 4: 6.5-9.0

Date	WW -1	Discharge	WW -1	Discharge	WW -1	Discharge	WW -1	Discharge	WW -1	Discharge
03/28/24	17.4	-	3.10	-	50.0	-	2840	-	-	-
04/03/24	16.9	-	3.03	-	28.0	-	2830	-	-	-
04/09/24	16.9	-	2.59	-	57.0	-	2890	-	-	-
04/16/24	17.8	-	2.78	-	35.0	-	2790	-	-	-
04/22/24	24.0	13.3	4.46	4.02	402.0	28.0	2920	2920	-	-
04/30/24	17.0	11.9	4.78	ND	41.0	24.0	2780	2790	9.2	9.1
05/07/24	16.9	212.2	5.52	5.30	48.0	42.0	2730	2660	9.2	9.1
05/14/24	17.7	12.6	6.03	5.99	55.0	20.0	2670	2730	9.0	9.0
05/21/24	18.5	13.6	6.28	6.66	17.0	58.0	2750	2700	8.8	8.8
05/28/24	19.8	2.6	4.65	0.81	47.0	26.0	2790	2810	9.1	9.3
06/04/24	18.1	12.7	5.15	5.43	25.0	24.0	2860	2860	8.8	8.8
06/11/24	18.1	10.6	5.06	5.45	>25	13.0	2920	2800	8.9	8.8
06/18/24	20.1	11.6	4.65	4.64	37.0	28.0	2930	2900	-	-
06/26/24	19.8	13.0	3.99	4.03	15.0	15.0	3080	2950	9.0	8.9
07/02/24	20.5	12.8	5.88	6.17	22.0	26.0	2960	3020	9.0	8.9
07/08/24	18.5	13.0	4.13	4.02	89.0	38.0	3280	2880	9.1	9.0
Discharge Ceased July 11, 2024										

- x. The analytical results reported by Schreiber for Phosphorus, Ammonia, BOD, TDS, and pH for SP-1, SP-2, and SP-3 are summarized in Table D. Exceedances of applicable Utah Water Quality Standards are identified in italicized and bolded text:

Table D: Schreiber Weekly Sampling Results for SP-1, SP-2, & SP-3 Total Phosphorus as P; Ammonia as N; BOD; TDS; and pH															
Date	Total Phosphorus as P Standard Class 3B: 0.05 mg/L * *Lakes and reservoirs require 0.025 mg/L			Ammonia as N Standard Class 3B, 3D: 1.32 mg/L			BOD Standard Class 2B, 3B, 3D: 5.0 mg/L			TDS Standard Class 4: 1200 mg/L			pH Standard Class 2B, 3B, 3D, 4: 6.5-9.0		
	SP- 1	SP- 2	SP- 3	SP- 1	SP- 2	SP- 3	SP- 1	SP- 2	SP- 3	SP- 1	SP- 2	SP- 3	SP- 1	SP- 2	SP- 3
03/28/24	3.6	2.0	1.4	0.32	12.1	6.51	13	30	22	2300	1240	1670	-	-	-
04/03/24	16.5	1.4	6.0	3.36	8.63	2.34	34	28	36	2770	1330	2210	-	-	-
04/09/24	17.4	1.9	9.6	3.10	10.9	1.92	30	30	39	2760	1380	2600	-	-	-
04/16/24	18.0	15.3	11.4	3.12	1.11	1.71	40	98	35	2810	2750	2340	-	-	-
04/22/24	16.3	14.6	12.0	4.28	1.46	1.64	30	20	22	2740	2870	2690	-	-	-
04/30/24	14.3	12.6	9.8	5.91	5.55	4.77	31	15	43	2700	2850	2560	9.2	9.1	8.8
05/07/24	15.4	14.1	14.9	5.90	2.31	33.3	36	27	104	2750	2730	2530	9.2	9.0	8.7
05/14/24	40.2	10.8	9.0	6.46	1.67	10.7	59	26	52	2680	2860	2380	8.9	8.6	8.4
05/21/24	81.1	4.5	4.2	7.5	2.47	2.13	35	28	37	2740	2650	1440	8.9	8.4	8.1
05/28/24	18.1	9.2	8.4	6.19	0.73	1.10	32	41	28	2690	2660	2320	8.8	8.7	8.3
06/04/24	38.4	9.6	6.6	5.42	1.58	2.18	33	15	17	2750	2900	2710	8.8	8.3	8.2
06/11/24	11.2	7.4	3.4	4.96	3.35	2.49	14	8	54	2860	2780	1410	8.9	8.3	8.0
06/18/24	24.5	4.0	4.0	4.59	2.50	2.92	27	10	11	2900	1850	1610	-	-	-
06/26/24	12.1	6.1	3.9	4.05	2.10	1.84	26	11	9	2980	1780	1810	8.9	8.3	8.2

07/02/24	27.8	8.4	3.4	5.54	2.32	1.43	22	10	8	2880	2900	1480	9.0	8.5	8.3
07/08/24	34.6	9.3	2.4	4.52	1.54	1.39	65	11	6	3000	3130	1150	8.9	8.6	8.2
Discharge Ceased July 11, 2024															

- xi. The analytical results reported by Schreiber for Phosphorus, Ammonia, BOD, TDS, and pH for SP-4 and South Sample are summarized in Table E. Exceedances of applicable Utah Water Quality Standards are identified in italicized and bolded text:

Table E: Schreiber Weekly Sampling Results for SP-4 & South Sample Total Phosphorus as P; Ammonia as N; BOD; TDS; and pH										
	Total Phosphorus as P Standard Class 3B: 0.05 mg/L* *Lakes and reservoirs require 0.025 mg/L		Ammonia as N Standard Class 3B, 3D: 1.32 mg/L		BOD Standard Class 2B, 3B, 3D: 5.0 mg/L		TDS Standard Class 4: 1200 mg/L		pH Standard Class 2B, 3B, 3D, 4: 6.5-9.0	
Date	SP-4	South	SP-4	South	SP-4	South	SP-4	South	SP-4	South
05/28/24	0.4	2.6	0.34	0.81	10	26	3910	2810	8.7	9.3
06/04/24	3.2	2.8	0.78	0.80	14	21	2890	2370	9.1	9.0
06/11/24	0.7	3.7	0.59	ND	82	ND	4430	2760	9.2	9.0
06/18/24	1.0	3.0	0.66	0.79	63	70	4340	2530	-	N/A
06/26/24	1.8	2.8	0.34	0.29	32	25	2040	660	9.0	8.5
07/02/24	2.8	1.0	0.42	0.25	85	18	2360	540	9.2	8.9
07/08/24	4.8	1.3	0.78	0.32	135	61	2880	770	9.4	8.9
Discharge Ceased July 11, 2024										

14. Utah Admin. Code R317-2-14(14.1) lists numeric criteria for E. coli under Class 2B waters of the State as a maximum concentration of 668/100 mL. In addition to the exceedances documented in Tables C, D, and E for other pollutants, E. coli exceedances were noted on multiple occasions within SP-1, SP-2, and SP-3 and are listed as follows: 1) SP-1: 770/100 mL on July 8, 2024; and 1730/100 mL on July 16, 2024. 2) SP-2: 809/100 mL on June 26, 2024. 3) SP-3: >2400/100 mL on May 7, 2024; 1120/100 mL on May 14, 2024; 770/100 mL on June 11, 2024; and 770/100 mL on July 16, 2024. However, sample results provided by Schreiber for the lagoon source water ("WW-1") as well as the effluent from the mobile treatment system ("Discharge") do not indicate an exceedance of water quality standards for E. coli.

D. VIOLATIONS

Based on the foregoing, the Director determines that Schreiber has violated the Act, the Water Quality Rules, or an order of the Director or the Board. Specifically, Schreiber has violated the following:

1. Utah Code § 19-5-107(3)(a) for discharging a pollutant into waters of the State without a valid discharge permit from March 28, 2024 to July 11, 2024.

2. Utah Admin. Code R317-2-7 and R317-2-14 for placing wastes in such a manner that caused a violation of the Utah Water Quality Standards numeric criteria for pH.
3. Utah Admin. Code R317-2-7 and R317-2-14 for placing wastes in such a manner that caused a violation of the Utah Water Quality Standards numeric criteria for TDS.
4. Utah Admin. Code R317-2-7 and R317-2-14 for placing wastes in such a manner that caused a violation of the Utah Water Quality Standards numeric criteria for ammonia.

E. ORDER

Based on the foregoing Facts, Determinations, and Violations, and pursuant to Utah Code §§ 19-5-107 and 19-5-111, Schreiber is hereby **ORDERED** to:

1. As of the date of issuance of this NOV/CO, if not already initiated, initiate all action required to come into compliance with all applicable provisions of the Utah Water Quality Act in Utah Code 19-5-101 *et seq.* and the Water Quality Rules in Utah Admin. Code, R317-1 *et seq.*
2. Cease and desist all unpermitted discharges that violate Utah water quality standards.
3. **Within thirty (30) calendar days** of the date of issuance of this NOV/CO, submit a report to the Director that includes the following information in detail:
 - i. Any and all sample results taken prior to the discharge which began on March 28, 2024.
 - ii. An update on the integrity of the leaking berm first logged as Incident Report No. 16951 in the Utah Department of Environmental Quality Environmental Incidents Database and later discussed in written correspondence with the Division on March 28, 2024.
 - iii. The specific corrective actions taken and/or planned to be taken to attain and continue to be in full compliance with this NOV/CO, including results achieved, and applicable dates;
 - iv. How the corrective actions will prevent similar violations from recurring; and
 - v. The specific environmental mitigation and restoration plans for the area affected by the discharge, and the applicable dates related to these plans.

F. NOTICE

This NOV/CO is effective upon issuance (date signed) and shall become final unless it is administratively contested. This NOV/CO may be contested by filing and serving a written Request for Agency Action as provided by Utah Admin. Code R305-7-303 and R305-7-104(5). Even if this NOV/CO is contested, it remains effective unless a stay is issued or this NOV/CO is rescinded, vacated, or otherwise terminated.

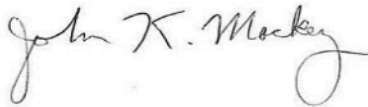
Failure to contest this NOV/CO within the time period and manner prescribed by Utah Admin. Code R305-7-303 constitutes a waiver of any right of administrative contest, reconsideration, review, or judicial appeal.

All reports required under this NOV/CO must be accompanied by the following certification, which is to be signed in accordance with Utah Admin. Code R317-8-3(3.4)(4):

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations."

Utah Code § 19-5-115 provides that violation of the Act, or any permit, rule, or order adopted under the Act, may be subject to a civil penalty not to exceed \$10,000 per day of violation. Failure to comply with this NOV/CO may result in additional civil penalties or criminal sanctions under Utah Code § 19-5-115.

Issued this 26th day of March 2025.

A handwritten signature in black ink that reads "John K. Mackey". The signature is written in a cursive, flowing style.

John K. Mackey, P.E.
Director, Division of Water Quality

LOAN FUNDS FINANCIAL STATUS REPORT AUGUST 2026

	State Fiscal Year 2027	State Fiscal Year 2028	State Fiscal Year 2029	State Fiscal Year 2030	State Fiscal Year 2031
STATE REVOLVING FUND (SRF)					
CAP Grant Base Program					
Capitalization Grant Awards (FY23-FY25)	\$ 12,662,000	\$ -	\$ -	\$ -	\$ -
Future Capitalization Grant	\$ -	\$ -	\$ -	\$ -	\$ -
State Cap Grant Match	\$ 3,681,600	\$ -	\$ -	\$ -	\$ -
Future State Cap Grant Match	\$ -	\$ -	\$ -	\$ -	\$ -
CAP Grant General Supplemental					
General Supplemental Grant (FY23-FY25)	\$ 32,856,120	\$ -	\$ -	\$ -	\$ -
Future General Supplemental Grant	\$ -	\$ -	\$ -	\$ -	\$ -
State General Supplemental Grant Match	\$ 3,533,800	\$ -	\$ -	\$ -	\$ -
Future State Gen. Sup Grants Match	\$ -	\$ -	\$ -	\$ -	\$ -
SRF - 2nd Round					
Account Balance	\$ 41,980,953	\$ 15,099,879	\$ 35,762,804	\$ 57,448,664	\$ 79,340,117
Interest Earnings at 3.9222%	\$ 1,509,362	\$ -	\$ -	\$ -	\$ -
Loan Repayments (5255)	\$ 13,139,608	\$ 21,062,925	\$ 22,085,860	\$ 22,291,454	\$ 22,139,825
Total Funds Available	\$ 109,363,444	\$ 36,162,804	\$ 57,848,664	\$ 79,740,117	\$ 101,479,942
CWSRF Program Obligations					
Admin Expenses for all CAP Grant Awards	\$ (1,820,725)	\$ (400,000)	\$ (400,000)	\$ (400,000)	\$ (400,000)
Cap Grant Principal Forgiveness (PF)	\$ (6,706,300)				
Future Cap Grant (PF)	\$ -	\$ -	\$ -	\$ -	\$ -
General Supplemental Grants (PF)	\$ (15,775,540)	\$ -	\$ -	\$ -	\$ -
Future General Supplemental Grants (PF)	\$ -	\$ -	\$ -	\$ -	\$ -
Project Obligations					
Corinne City	\$ (450,000)	\$ -	\$ -	\$ -	\$ -
Grantsville City	\$ (15,950,000)	\$ -	\$ -	\$ -	\$ -
Moab City	\$ (80,000)	\$ -	\$ -	\$ -	\$ -
Mt. Pleasant City	\$ (1,999,000)	\$ -	\$ -	\$ -	\$ -
Payson City	\$ (13,425,000)	\$ -	\$ -	\$ -	\$ -
Provo City	\$ (1,350,000)	\$ -	\$ -	\$ -	\$ -
Wolf Creek	\$ (792,000)	\$ -	\$ -	\$ -	\$ -
Loan Authorizations					
North Logan	\$ (3,500,000)	\$ -	\$ -	\$ -	\$ -
Ash Creek SSD - Virgin	\$ (6,876,000)	\$ -	\$ -	\$ -	\$ -
Wolf Creek	\$ (1,404,000)	\$ -	\$ -	\$ -	\$ -
Enoch	\$ (5,846,000)	\$ -	\$ -	\$ -	\$ -
Hinckley Town	\$ (961,000)	\$ -	\$ -	\$ -	\$ -
Lewiston City	\$ (960,000)		\$ -	\$ -	\$ -
Richmond City	\$ (6,526,000)		\$ -	\$ -	\$ -

LOAN FUNDS FINANCIAL STATUS REPORT AUGUST 2026

Planned Projects					
Bear Lake SSD*	\$ (3,000,000)				
Fillmore City*	\$ (4,726,000)				
Mt. Pleasant City*	\$ (2,116,000)				
CWSRF Obligations	\$ (94,263,565)	\$ (400,000)	\$ (400,000)	\$ (400,000)	\$ (400,000)
CWSRF Remaining Loan Balance	\$ 15,099,879	\$ 35,762,804	\$ 57,448,664	\$ 79,340,117	\$ 101,079,942
Add'l Subsidy - Principal Forgiveness					
PF Balances (FY20-25)	\$ 6,706,300	\$ 9,319,340	\$ 9,319,340	\$ 9,319,340	\$ 9,319,340
Future Cap Grant PF Balances	\$ -	\$ -	\$ -	\$ -	\$ -
General Supplemental PF Balances (FY23-25)	\$ 15,775,540	\$ -			
Future General Supplemental Grants PF Balances	\$ -	\$ -	\$ -	\$ -	\$ -
Project Obligations					
Corinne City	\$ (4,000,000)	\$ -	\$ -	\$ -	\$ -
Payson City	\$ (1,000,000)	\$ -	\$ -	\$ -	\$ -
Provo City	\$ (2,500,000)	\$ -	\$ -	\$ -	\$ -
South Salt Lake City (A)	\$ (1,512,500)		\$ -	\$ -	\$ -
Add'l Subsidy Authorizations					
Hinckley Town	\$ (750,000)				
Lewiston City	\$ (1,700,000)		\$ -	\$ -	\$ -
Richmond City	\$ (1,700,000)				
Planned Projects					
Principal Forgiveness Obligations	\$ (13,162,500)	\$ -	\$ -	\$ -	\$ -
Principal Forgiveness Remaining Balance	\$ 9,319,340	\$ 9,319,340	\$ 9,319,340	\$ 9,319,340	\$ 9,319,340
	State Fiscal Year	State Fiscal Year	State Fiscal Year	State Fiscal Year	State Fiscal Year
UTAH WASTEWATER LOAN FUND (UWLF)	2027	2028	2029	2030	2031
Funds Available					
UWLF	\$ 37,675,508	\$ 11,478,462	\$ 15,161,941	\$ 18,996,553	\$ 22,867,332
Sales Tax Revenue	\$ 3,288,542	\$ 3,587,500	\$ 3,587,500	\$ 3,587,500	\$ 3,587,500
Loan Repayments (5260)	\$ 2,391,012	\$ 2,514,179	\$ 2,665,312	\$ 2,701,479	\$ 2,740,612
Total Funds Available	\$ 43,355,062	\$ 17,580,141	\$ 21,414,753	\$ 25,285,532	\$ 29,195,444
General Obligations					
State Match Transfers Base Cap Grant	\$ (3,681,600)	\$ -	\$ -	\$ -	\$ -
State Match Transfers Gen. Supplemental Grant	\$ (3,533,800)	\$ -	\$ -	\$ -	\$ -
State Future Match Transfers Gen. Supplemental Grant	\$ -	\$ -	\$ -		

LOAN FUNDS FINANCIAL STATUS REPORT AUGUST 2026

DWQ Administrative Expenses	\$ (2,418,200)	\$ (2,418,200)	\$ (2,418,200)	\$ (2,418,200)	\$ (2,418,200)
Project Obligations					
North Fork SSD	\$ (3,480,000)	\$ -	\$ -	\$ -	\$ -
South Salt Lake City (B)	\$ (4,891,000)	\$ -	\$ -	\$ -	\$ -
South Salt Lake City (C)	\$ (982,000)	\$ -	\$ -	\$ -	\$ -
Loan Authorizations		\$ -			
Long Valley	\$ (1,470,000)	\$ -	\$ -	\$ -	\$ -
Monticello	\$ (1,214,000)	\$ -	\$ -	\$ -	\$ -
Daggett County (Dutch John)	\$ (240,000)	\$ -	\$ -	\$ -	\$ -
Enoch	\$ (856,000)				
Millville City	\$ (110,000)				
Salem City	\$ (9,000,000)				
Planned Projects					
UWLF Obligations	\$ (31,876,600)	\$ (2,418,200)	\$ (2,418,200)	\$ (2,418,200)	\$ (2,418,200)
UWLF Remaining Loan Balance	\$ 11,478,462	\$ 15,161,941	\$ 18,996,553	\$ 22,867,332	\$ 26,777,244
TOTAL AVAILABLE LOAN FUNDS	\$ 35,897,681	\$ 60,244,084	\$ 85,764,556	\$ 111,526,789	\$ 137,176,526

HARDSHIP GRANT FUNDS FINANCIAL STATUS REPORT AUGUST 2026

	State Fiscal Year 2027	State Fiscal Year 2028	State Fiscal Year 2029	State Fiscal Year 2030	State Fiscal Year 2031
HARDSHIP GRANT FUNDS (HGF)					
Funds Available					
Beginning Balance	\$ -	\$ 8,636,584	\$ 8,813,002	\$ 8,934,712	\$ 8,992,255
Federal HGF Beginning Balance (5250)	\$ 902,544	\$ -	\$ -	\$ -	\$ -
State HGF Beginning Balance (5265)	\$ 12,572,106	\$ -	\$ -	\$ -	\$ -
Hardship Grant Assessments (5255)	\$ 796,968	\$ 783,530	\$ 746,055	\$ 704,225	\$ 660,440
Interest Payments - (5260)	\$ 408,895	\$ 392,888	\$ 375,655	\$ 353,318	\$ 330,464
Total Funds Available	\$ 14,680,514	\$ 9,813,002	\$ 9,934,712	\$ 9,992,255	\$ 9,983,160
St George Appropriation					
Beginning Balance	\$ 13,066,000				
Authorizations					
St. George Graveyard Wash Res	\$ (13,066,000)				
Total Funds Available	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Assistance Project Obligations					
Ash Creek SSD Virgin - Design Grant	\$ (230,400)	\$ -	\$ -	\$ -	\$ -
Bear Lake - Planning Grant	\$ (63,000)				
Daggett County Dutch John - STL	\$ (9,115)	\$ -	\$ -	\$ -	\$ -
Eagle Mountain City - Construction Grant	\$ (510,000)	\$ -	\$ -	\$ -	\$ -
Fairfield Town - Planning Grant	\$ (9,784)	\$ -	\$ -	\$ -	\$ -
Kanab City Planning Advance	\$ (29,800)	\$ -	\$ -	\$ -	\$ -
Kane County - Hardship Grant	\$ (133,523)	\$ -	\$ -	\$ -	\$ -
Millville City - Hardship Grant	\$ (747,371)	\$ -	\$ -	\$ -	\$ -
Rockville Town - Hardship Grant	\$ (18,832)	\$ -	\$ -	\$ -	\$ -
Town of Henefer - Planning Grant	\$ (60,000)	\$ -	\$ -	\$ -	\$ -
Virgin Town - Short Term Loan	\$ (28,351)	\$ -	\$ -	\$ -	\$ -
Non-Point Source/Hardship Grant Obligations					
McKees ARDL interest-rate buy down	\$ (55,261)	\$ -	\$ -	\$ -	\$ -
Munk Dairy ARDL interest-rate buy down	\$ (16,017)	\$ -	\$ -	\$ -	\$ -
(FY17) DEQ - Utah Lake Water Quality Study	\$ (19,348)	\$ -	\$ -	\$ -	\$ -
FY 2019 - Remaining Payments	\$ (13,312)	\$ -	\$ -	\$ -	\$ -
FY 2020 - Remaining Payments	\$ (31,223)	\$ -	\$ -	\$ -	\$ -
FY 2023 - Remaining Payments	\$ (79,726)	\$ -	\$ -	\$ -	\$ -
FY 2024 - Remaining Payments	\$ (279,083)	\$ -	\$ -	\$ -	\$ -
FY 2025 - Remaining Payments	\$ (360,011)	\$ -	\$ -	\$ -	\$ -
FY 2026 - Remaining Payments	\$ (674,773)	\$ -	\$ -	\$ -	\$ -
FY 2027 - Remaining Payments	\$ (1,000,000)				
Future NPS Annual Allocations		\$ (1,000,000)	\$ (1,000,000)	\$ (1,000,000)	\$ (1,000,000)
Authorizations					

HARDSHIP GRANT FUNDS FINANCIAL STATUS REPORT AUGUST 2026

Elwood - Planning Grant	\$ (18,200)	\$ -	\$ -	\$ -	\$ -
Enoch - Planning Advance (PER/Environment)	\$ (100,800)	\$ -	\$ -	\$ -	\$ -
Enoch - Design Advance	\$ (430,000)	\$ -	\$ -	\$ -	\$ -
Hyrum - Short Term Loan	\$ (74,900)	\$ -	\$ -	\$ -	\$ -
Long Valley - Design Advance	\$ (84,300)	\$ -	\$ -	\$ -	\$ -
Mt. Pleasant - Hardship Grant	\$ (135,000)	\$ -	\$ -	\$ -	\$ -
Richmond - Short Term Loan	\$ (99,800)	\$ -	\$ -	\$ -	\$ -
Weber County - Upper Ogden Valley Planning Grant	\$ (265,000)	\$ -	\$ -	\$ -	\$ -
Daggett County (Dutch John) - Hardship Grant	\$ (239,000)	\$ -	\$ -	\$ -	\$ -
Hinckley Town - Hardship Grant	\$ (113,000)	\$ -	\$ -	\$ -	\$ -
Planned Projects					
Fountain Green - Planning Advance*	\$ (115,000)				
Total Obligations	\$ (6,043,930)	\$ (1,000,000)	\$ (1,000,000)	\$ (1,000,000)	\$ (1,000,000)
HGF Unobligated Funds	\$ 8,636,584	\$ 8,813,002	\$ 8,934,712	\$ 8,992,255	\$ 8,983,160

State of Utah
Wastewater Project Assistance Program
Project Priority List
As of August 26, 2026

Rank	Project Name	Total Project Costs	Funding Authorized	Total Points	Point Categories			
					Project Need	Potential Improvement	Population Affected	Special Consideration
1	Salem	\$72,479,000	X	94	40	7	7	40
2	North Logan	\$3,500,000	X	86	25	14	7	40
3	Richmond	\$9,595,000	X	77	10	24	3	40
4	Mt. Pleasant	\$2,116,000		75	10	0	5	60
5	Fillmore	\$4,726,000		73	10	0	3	60
6	Millville City	\$35,760,000	X	73	50	20	3	0
7	Lewiston City	\$6,145,000	X	67	10	14	3	40
8	Ash Creek - Virgin Town	\$6,876,000	X	64	25	18	1	20
9	Monticello	\$1,506,125	X	61	0	19	2	40
10	Enoch	\$5,685,800	X	56	10	0	6	40
11	Bear Lake SSD	\$15,000,000		52	25	0	7	20
12	Hinckley	\$2,124,500	X	41	40	0	1	0
13	Henefer	\$125,000		22	10	11	1	0
14	Long Valley SID	\$220,000	X	11	10	0	1	0
15	Dagget County - Dutch John	\$525,000	X	7	5	1	1	0

X - Funding Authorized



State of Utah

SPENCER J. COX
Governor

DEIDRE HENDERSON
Lieutenant Governor

Department of Environmental Quality

Tim Davis
Commissioner

DIVISION OF WATER QUALITY
Candice A. Hasenyager, P.E.
Director

Water Quality Board

James Webb, Chair
Trevor Heaton, Vice Chair
Jeannie Simmonds
Robert Fehr
Michaela Harris
Joseph Havasi
Jill Jones
Tim Davis
Candice A. Hasenyager, P.E.
Executive Secretary

WATER QUALITY BOARD FEASIBILITY REPORT FOR WASTEWATER TREATMENT PROJECT INTRODUCTION

APPLICANT:

Mount Pleasant City
106 West Main Street
Mount Pleasant, UT 84647
Telephone: (435) 462-2456

PRESIDING OFFICIAL:

Michael Olsen, Mayor

CONTACT:

Michael Olsen, Mayor
Email: mayor@mtpleasantcity.com
Telephone: (435) 462-2456

TREASURER:

Dave Oxman, Finance Director

CONSULTING ENGINEER:

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BOND COUNSEL:

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FINANCIAL ADVISOR:

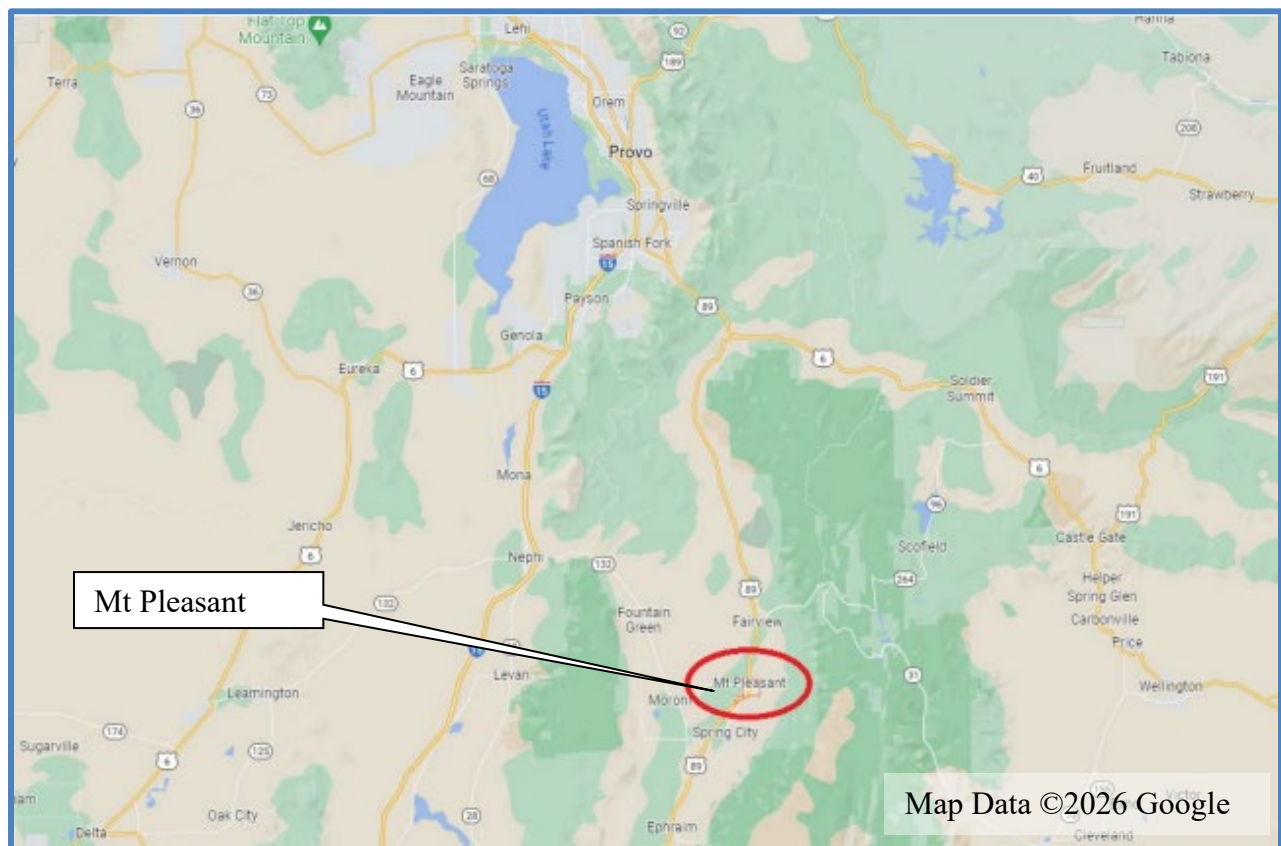
Cody Deeter, President
2110 N Dapple Dr
Tooele, UT 84074
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APPLICANT'S REQUEST

Mount Pleasant City (Mt. Pleasant) is requesting funding from the Water Quality Board (Board) in the amount of **\$2,116,000.00** for upgrades to their existing wastewater treatment lagoon facility (facility) per the conclusions and recommendations from their 2022 Master Plan (Master Plan). This request is for the following: construction of a lagoon aeration system in wastewater lagoon Cell #1, including installation of a fine-bubble aeration system, floating lateral air distribution system, blowers, controls, and associated appurtenances.

APPLICANT'S LOCATION

The project is in Mt. Pleasant, to the south of Provo along Highway 89 in Sanpete County.



PROJECT BACKGROUND

Mt. Pleasant's facility is classified as a non-discharging wastewater lagoon under General Operating Permit No. UTOP00128 and serves approximately 4,018 people.

In 2023, Mt. Pleasant was awarded **\$2,670,000.00** for the construction of a new headworks building with mechanical fine screen, installation of a septage receiving station at the new headworks, and lining Cell #3 with an high-density polyethylene (HDPE) geomembrane liner. Construction on this project is still underway.

A Master Plan for Mt. Pleasant was completed in December 2022. Recommendations from the Master Plan include, but are not limited to, the installation of an aeration system.

PROJECT NEED

The existing lagoon system does not have aeration. The 2022 Master Plan recommended the construction of an aeration system to accommodate a growing population and its associated organic loading increase, as well as to improve mixing and reduce odor risk. These upgrades to the system will improve treatment consistency and capacity and useful life.

PROJECT PRIORITY LIST

This project is currently ranked No. 4 of 15 on the FY 2026 Project Priority List (PPL).

ALTERNATIVES EVALUATED

Currently, Mt. Pleasant's Master Plan does not contain an alternatives analysis, but it is being updated to include one. Aeration alternatives were considered, including installing an extra lagoon cell and doing nothing. The Master Plan will be amended well in advance of loan closing.

PROJECT DESCRIPTION

The project will include the construction of a lagoon aeration system in wastewater lagoon Cell #1, including installation of a fine-bubble aeration system, floating lateral air distribution system, blowers, controls, and associated appurtenances. The proposed system will incorporate redundancy via dual blower units and modular aeration system.

POPULATION GROWTH

Based on census data collected, the population growth over the past 10 years has been ~2.1% per year. The Master Plan estimates a future population growth of ~1.9% per year over the next 20 years based on input from the Mt. Pleasant.

PUBLIC PARTICIPATION AND DEMONSTRATION OF PUBLIC SUPPORT

Mt. Pleasant City Council is involved in this project and supportive of it. A public hearing shall be held to receive comments. The hearing, and all public notification, shall be advertised according to the Clean Water State Revolving Fund Handbook guidelines.

IMPLEMENTATION SCHEDULE

Design for this project is tentatively scheduled to begin immediately following funding approval from the Board in the October Board meeting with bidding expected for April 2027 and final completion in Summer 2028.

APPLICANT'S CURRENT USER CHARGE

The current user charges are based on water usage, with a base rate of \$20.00 per month for the first 3,000 gallons and \$1.75 per 1,000 gallons for all usage thereafter. There is a \$400 sewer connection fee, and a \$3,000 sewer and water inspection fee. The current impact fee is \$1,557.

COST ESTIMATE

The total cost of the project and request for funding is **\$2,116,000.00** This includes contractor mobilization and administration, blower building, aeration equipment, electrical, and all non-construction costs, as well as 30% contingency on construction costs.

Blower Enclosure	\$66,000
Aeration Equipment	\$1,274,000
Electrical, Instrumentation, and Controls	\$100,000
Construction Contingency	\$432,000
Non-Construction Costs	\$244,000
Total Cost	\$2,116,000

STAFF COMMENTS AND RECOMMENDATION

Staff are supportive of this project. Mt. Pleasant has done an excellent job of maintaining the system while keeping rates low, and this project addresses an immediate need for a small rural community with limited capital funds available. This is a project introduction, and staff recommendations will be provided at the request for funding authorization.

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August 26, 2026
Water Quality Board Feasibility Report
Mount Pleasant City

ATTACHMENT 1 - 20 YEAR STATIC COST MODEL												
Mt. Pleasant Lagoon Aeration Upgrades - Water Quality Board												
Project Costs				Current Customer Base & User Charges				Project Funding				
Engineering Design		\$ 150,000		Initial Total Customer (ERU's)		1,422		Local Sewer Fund		\$ -		
Engineering Construction Services		\$ 94,000		MAGI for Enoch City (2023):		\$50,000		Requested Funding by WQB		\$ 2,116,000		
Construction		\$ 1,440,000		Affordable Monthly Rate at 1.4%		\$58.33		Total Project Cost:		\$ 2,116,000		
Contingency (approx. 15% const. cost)		\$ 432,000		Impact Fee (per ERU):		\$1,557						
Total Project Cost:		\$ 2,116,000		Current Monthly Fee (per ERU)		\$22.50		Loan Repayment Term:		20		
				Existing Sewer Debt Service		\$163,000		Reserve Funding Period:		6		
								Existing & New Annual O&M expensive		\$325,000		
ESTIMATED COST OF SEWER SERVICE												
WQB Grant Amount	WQB Loan Amount	WQB Loan Interest Rate	WQB Loan Debt Service	WQB Loan Reserve	Annual Sewer O&M Cost	Existing Debt Service	Total Annual Sewer Cost	Monthly Sewer Cost/ERU	Sewer Cost as a % of MAGI	Financial Burden		
\$ -	\$ 2,116,000	0.00%	\$ 105,800	\$ 26,450	\$ 325,000	\$ 163,000	\$ 620,250	\$ 36.35	0.87%	LOW		
\$ -	\$ 2,116,000	3.36%	\$ 147,004	\$ 36,751	\$ 325,000	\$ 163,000	\$ 671,755	\$ 39.37	0.94%	LOW		
\$ -	\$ 2,116,000	3.61%	\$ 150,370	\$ 37,592	\$ 325,000	\$ 163,000	\$ 675,962	\$ 39.61	0.95%	LOW		
\$ -	\$ 2,116,000	4.11%	\$ 157,219	\$ 39,305	\$ 325,000	\$ 163,000	\$ 684,524	\$ 40.12	0.96%	LOW		
\$ -	\$ 2,116,000	4.61%	\$ 164,224	\$ 41,056	\$ 325,000	\$ 163,000	\$ 693,280	\$ 40.63	0.98%	LOW		
\$ -	\$ 2,116,000	5.11%	\$ 171,381	\$ 42,845	\$ 325,000	\$ 163,000	\$ 702,226	\$ 41.15	0.99%	LOW		
\$ 200,000	\$ 1,916,000	0.00%	\$ 95,800	\$ 23,950	\$ 325,000	\$ 163,000	\$ 607,750	\$ 35.62	0.85%	LOW		
\$ 200,000	\$ 1,916,000	3.36%	\$ 133,110	\$ 33,277	\$ 325,000	\$ 163,000	\$ 654,387	\$ 38.35	0.92%	LOW		
\$ 200,000	\$ 1,916,000	3.61%	\$ 136,157	\$ 34,039	\$ 325,000	\$ 163,000	\$ 658,196	\$ 38.57	0.93%	LOW		
\$ 200,000	\$ 1,916,000	4.11%	\$ 142,359	\$ 35,590	\$ 325,000	\$ 163,000	\$ 665,949	\$ 39.03	0.94%	LOW		
\$ 200,000	\$ 1,916,000	4.61%	\$ 148,702	\$ 37,175	\$ 325,000	\$ 163,000	\$ 673,877	\$ 39.49	0.95%	LOW		
\$ 200,000	\$ 1,916,000	5.11%	\$ 155,182	\$ 38,796	\$ 325,000	\$ 163,000	\$ 681,978	\$ 39.97	0.96%	LOW		
Mt. Pleasant City Financial Need Indicator								Modified MAGI				
Indicators	Local Value	State Value	Score	Weighting Factor	Weighted Score		FNI	Below 1.4%	1.4% to 1.75%	1.75% to 2.1%	2.1% to 2.45%	Above 2.45%
unemployment rate	5.1%	3.4%	2.85	4.00	11.40		Below 1.5	Low	Low	Medium	Medium	High
Poverty Rate	15.2%	8.6%	2.32	2.50	5.80		1.5 to 2.5	Low	Medium	Medium	High	High
Threshold LQI	\$34,194.00	\$43,645.00	1.87	2.50	4.68		Above 2.5	Medium	High	High	High	High
Population Growth Rate	23.3%	18.4%	1.00	1.00	1.00							
Financial Need Indicator (Sum of weighted Scores/10)					2.29							



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Department of
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Candice A. Hasenyager
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Tim Davis

Candice A. Hasenyager, P.E.
Executive Secretary

**WATER QUALITY BOARD
REQUEST FOR DESIGN ADVANCE FOR
WASTEWATER INFRASTRUCTURE IMPROVEMENTS**

APPLICANT:

Town of Fountain Green
18 North Johnson Street
Stockton, UT 84071
(435)-882-3877

PRESIDING OFFICIAL:

Mayor Willard Wood
395 North State, PO Box 97
Fountain Green, UT 84632
(801)-554-3505

CONTACT:

Mark Coombs
(435)-851-6849

TREASURER/RECORDER:

Michelle Walker

CONSULTING ENGINEER:

TBD

BOND COUNSEL:

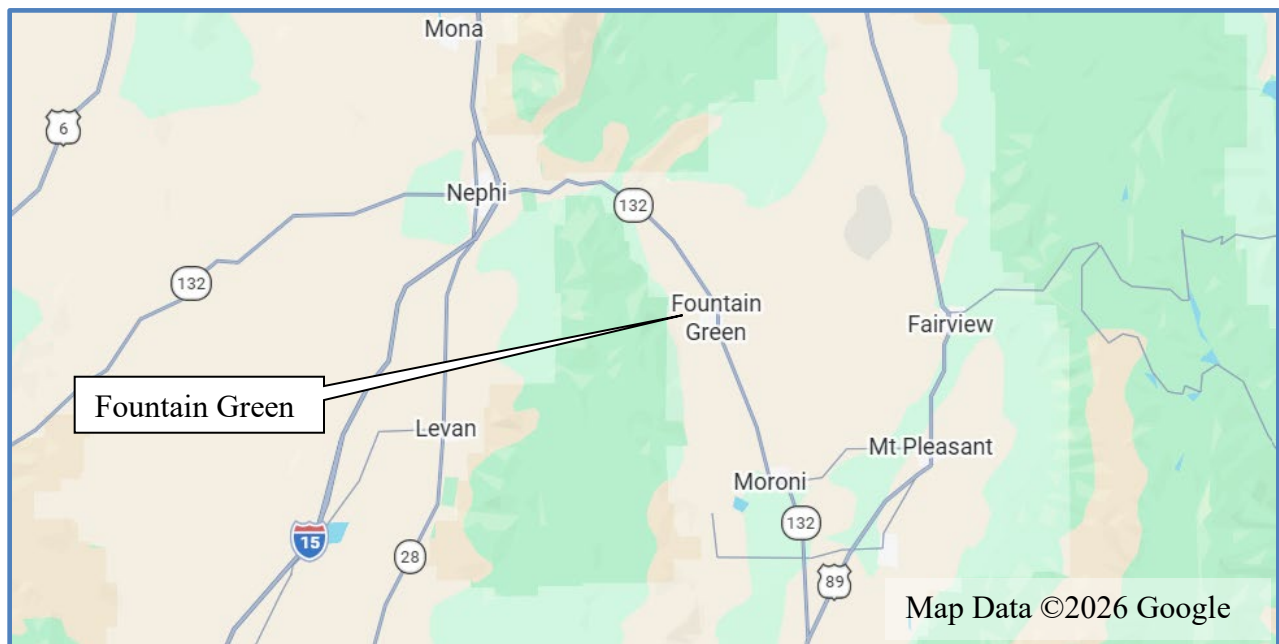
Richard Chamberlain
Olsen and Chamberlain
Richfield, UT 84701
(435)-896-4461

APPLICANT'S REQUEST

The Town of Fountain Green is requesting a **Design Advance** in the amount of \$115,000 to pay for design of sewer infrastructure improvements.

APPLICANT'S LOCATION

The Town of Fountain Green is located in Sanpete County, approximately 14 miles southeast of Nephi, and about 7 miles north of Moroni.



PROJECT NEED

Funding from the Water Quality Board (WQB) is essential for Fountain Green to complete the design phase of this project. The town anticipates over \$10M in critical sewer upgrades over the next 7-10 years, in addition to other infrastructure demands.

PROJECT DESCRIPTION

Fountain Green must hire an engineer to design the sewer infrastructure improvements.

IMPLEMENTATION SCHEDULE

The estimated plan completion date is January 2027.

COST ESTIMATE

Fountain Green is requesting \$115,000 in WQB funding. The construction portion of the project is estimated to be \$1,500,000.

STAFF COMMENTS AND RECOMMENDATION

Fountain Green is a small rural community with limited capital reserves. Currently, Fountain Green charges an impact fee of \$14,756 and charges a monthly fee/ERU of \$30.75 (\$18.75 for seniors and low-income households). The Design Advance would allow the Town to hire an engineer to design sewer improvements. Fountain Green plans to apply to the Permanent Community Impact Fund Board (CIB) in October for the construction portion of the project. Staff recommends that the Board authorizes a design advance of \$115,000 to Fountain Green.

SPECIAL CONDITIONS

1. The Division of Water Quality must approve the engineering agreement and plan of study before the advance is executed.
2. The Design Advance must be expeditiously repaid to the Board once long-term project financing has been secured, or within 5 years, if financing is not received or is received from a source that cannot be used to repay the Advance.
3. The Town must agree to participate annually in the Municipal Wastewater Planning Program (MWPP).
4. As part of the facility planning, the Town must complete a Water Conservation and Management Plan.



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Executive Secretary

WATER QUALITY BOARD REQUEST FOR CONSTRUCTION OF WASTEWATER TREATMENT FEASIBILITY REPORT INTRODUCTION

APPLICANT:

Fillmore City
75 West Center
Fillmore, Utah 84631
Telephone: (435) 743-5233

PRESIDING OFFICIAL:

Curt Hare-Mayor
mayor@fillmoreutah.gov
Telephone: (435) 743-5233

CONTACT PERSON or TREASURER/ RECORDER

Kevin Orton-Recorder
recorder@fillmoreutah.gov
Telephone: (435) 743-5233

CONSULTING ENGINEER

Sunrise Engineering
25 East 500 North
Fillmore, Utah 84631
Telephone: (435) 743-6151
dshields@sunrise-eng.com

CITY ATTORNEY:

TBD

BOND COUNSEL:

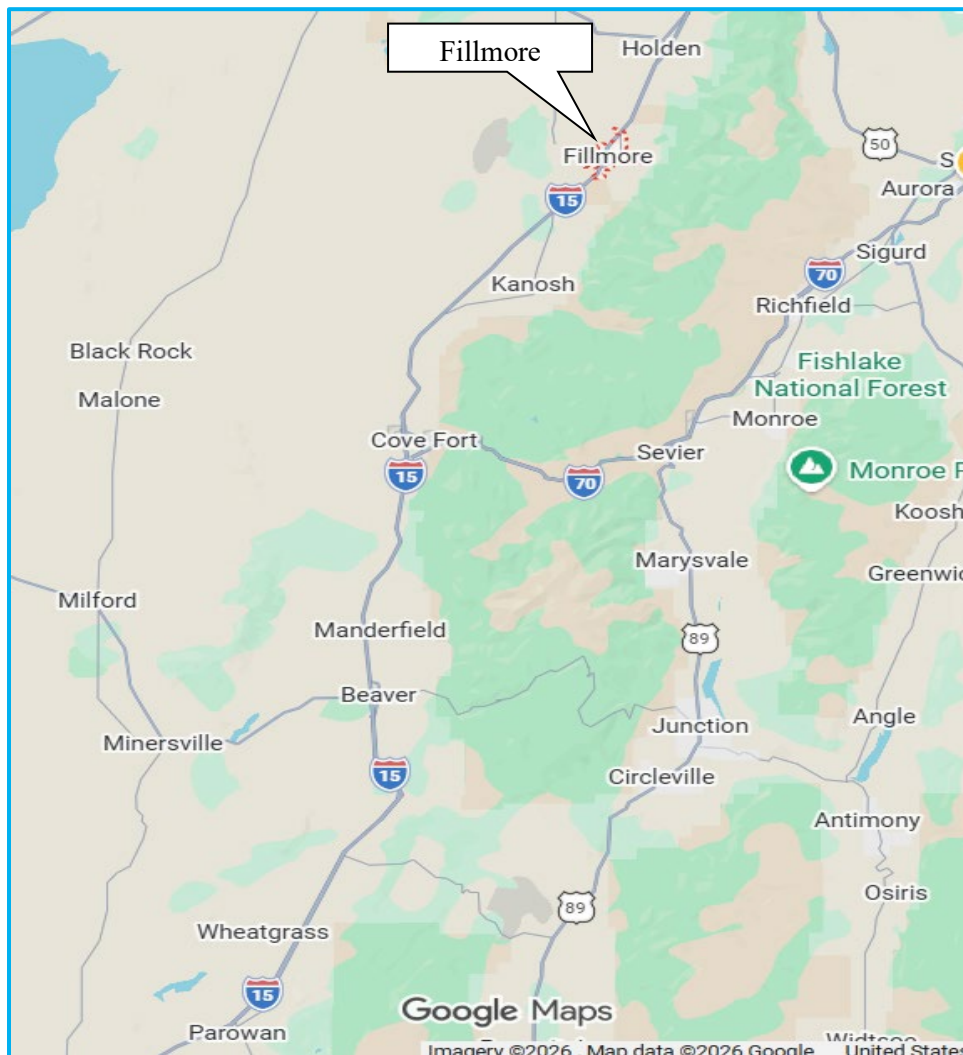
Richard Chamberlain
Olsen and Chamberlain
225 North 100 East
Richfield, Utah, 84701
Telephone: (435) 896-4461

APPLICANT'S REQUEST

Fillmore City (Fillmore) is requesting financial assistance in the amount of **\$4,773,400.00** for lagoon treatment system improvements, including a planning and design advance of \$326,000.

APPLICANT'S LOCATION

Fillmore is in Millard County, about 145 miles South of Salt Lake City.



BACKGROUND:

Fillmore is a community in Millard County that is located on Interstate 15 in Central Utah. The Fillmore wastewater system serves approximately 2,752 residents, in addition to numerous commercial and institutional facilities. Fillmore operates the sewer collection and lagoon treatment systems that serve the current population.

In December 2022, Sunrise Engineering prepared a master plan (Plan) for Fillmore. The Plan identifies deficiencies of sewer collection and lagoon treatment systems.

Sewer Collection System

The original collection system was installed in 1972 and multiple expansions since then. The existing collection system pipelines vary in size from 8 inches to 12 inches. Fillmore had cleaned out and video inspected the sewer pipelines. This inspection led to the identification of several areas of poor condition. The plan recommended that Fillmore monitor problem areas and replace them prior to failure.

Lagoon Treatment System.

Fillmore's lagoon treatment system is comprised of two primary treatment lagoons, five secondary treatment lagoons, and one winter storage lagoon. Cells 1- 5 are consistently full. Cell 6 -7 occasionally contains water based on the time of the year. Cell 8 is the winter storage cell. The existing lagoon system is at 78% of its biological capacity and will exceed the current capacity by 2038. The Plan recommends that Fillmore addresses the projected biological treatment deficit prior to that time. Currently, the proposed project is to improve the lagoon treatment including a new primary lagoon, to increase the primary treatment capacity as well as the overall lagoon area. The proposed lagoon cell No. 1 is planned to be approximately 14 acres, providing capacity for the 40-year projected growth or until the year 2061. Constructing the proposed cell No. 1 will require extensive earthwork and modification of the existing site piping. In addition to the new lagoon cell, the city plans to construct a new headworks with an associated screen and flowmeter.

PROJECT NEED:

The primary cell No. 1 has inadequate screening and biological capacity to handle existing and anticipated biochemical oxygen demand (BOD) loading. It will reach capacity in the near future. Fillmore needs a new primary cell that meets State BOD loading requirements.

PROJECT DESCRIPTION:

Fillmore has prioritized the following recommended improvements as part of the project:

1. Construction of new 14-acre primary lagoon cell
2. Installation of screen and flow meter and Headworks Building

POSITION ON PROJECT PRIORITY LIST:

Fillmore is ranked No. 5 on the FY 2026 Wastewater Treatment Project Priority List (PPL).

POPULATION GROWTH

Based on the Plan, it shows that the Kem C. Gardner Policy Institute population of Fillmore is projected to have a growth rate of 1.5%. The existing population projection and its associated ERUs are shown in the table below along with the 20-year projections.

Fillmore City's 20-years Population Projection

<u>Year</u>	<u>Population</u>	<u>ERU¹</u>
2021	2,952	1,499
2041	3,706	2,019

¹ERU = Equivalent Residential Connection.

ALTERNATIVES EVALUATED

Fillmore has evaluated the following alternatives:

1. No action and continue to use the existing collection and treatment lagoon system.
2. Construction of new 14-acres primary cell
3. Install a screen and flow meter in the headworks of lagoon treatment system
4. Replace sewer pipeline with larger pipeline to increase capacity

The recommended alternatives for this project are No. 2 & 3, which are addition of new primary lagoon cell and improvement of lagoon headwork though screen system.

IMPLEMENTATION SCHEDULE

Apply to WQB for Funding:	June 2026
Public Hearing:	September 2026
WQB Funding Authorization:	October 2026
Advertise EA (FONSI):	October 2026
Engineering Report Approval:	November 2026
Commence Design:	December 2026
Issue Construction Permit:	June 2027
Advertise for Bids:	June 2027
Bid Opening:	July 2027
Loan Closing:	July 2027
Commence Construction:	August 2027
Complete Construction:	December 2027

PUBLIC PARTICIPATION AND DEMONSTRATION OF PUBLIC SUPPORT:

Fillmore has not held a public meeting yet, as required by the Utah Wastewater State Revolving Fund (SRF) program. Fillmore will hold an initial public meeting soon and final public hearing once funding is secured. Fillmore will hold a final public hearing upon securing funding from the Water Quality Board (Board).

APPLICANT'S CURRENT USER CHARGE:

Currently, Fillmore charges \$12 per ERU.

Fillmore's 2023 MAGI is \$52,000 and the Board's affordable monthly rate is \$60.67 per month/ ERU or 1.4% of MAGI.

COST ESTIMATE

The total cost of the project is estimated to be \$4,773,400. A breakdown of these costs follows.

DWQ Loan Origination Fee	\$47,300
Engineering - planning	\$10,000
Engineering - design	\$285,000
Engineering - CMS	\$305,000
Other Specific - bidding	\$16,000
Construction - new 14 acre primary cell	\$1,300,800
Construction - Headworks	\$2,111,400
Contingency	\$682,900
Legal - bonding	\$15,000
Total Project Cost:	\$4,773,400

COST SHARING:

The following is the summary of cost sharing proposed for this project:

Funding Source	Cost Sharing	Percent of Project
Local Contribution	\$0	0%
WQB Funding	\$4,773,400	100%
Total:	\$4,773,400	100%

ESTIMATED ANNUAL COST FOR SEWER SERVICE:

A static cost model is prepared and included as Attachment 1. This model analyzes several possible funding options including funding packages with a 20-year loan and grant. The resulting Total Annual Sewer Cost is shown for each funding option.

These scenarios show a maximum monthly charge fee of \$37.50 or 0.86% of MAGI, which is less than the Board's affordability criteria of 1.4% of MAGI. When establishing the loan term, the Board applies basic affordability criteria of 1.4% of the MAGI for sewer rates. The affordable loan package analysis is based on a local MAGI of \$52,000 and the monthly affordable sewer bill of \$60.67 per month.

FINANCIAL BURDEN EVALUATION:

In accordance with Board guidance Division staff calculated a Financial Need Indicator (FNI) in the cost model. Division staff utilized data from the United State Census Bureau (census) website [https:// data.census.gov/cedsci/](https://data.census.gov/cedsci/)) to collect Fillmore's indicator values and State of Utah average indicator values. Table 1 applied the range scoring criteria to determine a score for each indicator in relation to the State average value. The calculation of the scores and the financial burden matrix resulted in an FNI of **2.22**. Division staff compared this FNI to the modified % MAGI to calculate the Financial Burden. Based on the Financial Burden Evaluation Policy for the Utah Wastewater Project Assistance Program, the proposal project would result in the community having a Financial Burden of **Medium**.

EFFORTS TO SECURE FINANCING FROM OTHER SOURCES:

The total cost of the project is **\$4,773,400.00**. Fillmore is requesting **\$4,773,400.00** from the Board to fund construction. If Board cannot fund this project, Fillmore will begin the process of applying for construction assistance and is working on securing project construction funding through the U.S. Department of Agriculture - Rural Development (USDA- RD).

DIVISION STAFF COMMENTS:

This project is anticipated to be the State Revolve Funding (SRF) Equivalency project that comes with all the Federal requirements including Build America Buy America Act requirements. This funding will demonstrate support and allow design, and construction works to be expedited and to be completed on time.

Division staff supports Fillmore's request for funding as it believes that the project is essential to help with collection and lagoon treatment system improvements. Staff support the proposed lagoon treatment system improvement project as it is an important water quality project that will enable Fillmore to consistently meet the needs of its citizens.

This is a project introduction, and staff recommendations will be provided at the request for funding authorization. The project cost may need to be adjusted slightly to account for the environmental review necessary for equivalency projects.

ATTACHMENT 1 - STATIC COST MODEL									
Fillmore City Wasterwater Treatment Improvement - Water Quality Board									
Project Costs				Current Customer Base & User Charges					
DWQ Loan Origination Fee			\$47,300					Initial Total Customer (ERU's)	1499
Enginnering - planning			\$10,000					MAGI for Fillmore City (2024)	\$52,000
Enginnering - design			\$285,000					Affordable Monthly Rate at 1.4%	\$60.67
Enginnering - CMS			\$305,000					Impact Fee (per ERU):	\$9,584
Other Specific - bidding			\$16,000					Current Monthly Fee (per ERU)	\$12.00
Construction - new 14 acre			\$1,300,800					Existing Sewer Debt Service	\$0
Construction - Headworks			\$2,111,400						
Contingency			\$682,900						
Legal - bonding			\$15,000						
Total Project Cost:			\$ 4,773,400						
Project Funding				Loan Repayment Term:					
Local Sewer Fund			\$ -					Reserve Funding Period:	20
Requested Funding by WQB			4,773,400					Existing & New Annual O&M expensive	6
Total Project Cost:			\$ 4,773,400						\$307,000
ESTIMATED COST OF SEWER SERVICE									
WQB Loan Amount	WQB Loan Interest Rate	WQB Loan Debt Service	WQB Loan Reserve	Annual Sewer O&M Cost	Existing Debt Service	Total Annual Sewer Cost	Monthly Sewer Cost/ERU	Sewer Cost as a % of MAGI	Financial Burden
4,773,400	0.00%	238,670	59,668	307,000	\$0	605,338	33.65	0.78%	MEDIUM
4,773,400	0.50%	251,398	62,850	307,000	\$0	621,248	34.54	0.80%	MEDIUM
4,773,400	1.00%	264,519	66,130	307,000	\$0	637,649	35.45	0.82%	MEDIUM
4,773,400	1.50%	278,030	69,508	307,000	\$0	654,538	36.39	0.84%	MEDIUM
4,773,400	2.00%	291,925	72,981	307,000	\$0	671,907	37.35	0.86%	MEDIUM
4,773,400	2.50%	306,200	76,550	307,000	\$0	689,750	38.35	0.88%	MEDIUM
4,773,400	3.00%	320,847	80,212	307,000	\$0	708,059	39.36	0.91%	MEDIUM
4,773,400	3.50%	335,862	83,965	307,000	\$0	726,827	40.41	0.93%	MEDIUM
4,773,400	4.00%	351,235	87,809	307,000	\$0	746,044	41.47	0.96%	MEDIUM
4,773,400	5.00%	383,030	95,757	307,000	\$0	785,787	43.68	1.01%	MEDIUM
Local Value Financial Need Indicator									
Indicators	Local Value	State Value	Score	Weighting Factor	Weighted Score				
unemployment	9.7%	3.6%	3.00	4.00	12.00				
Poverty Rate	10.5%	8.5%	1.40	2.50	3.50				
Threshold LQI	\$29,692.00	\$33,773.00	1.48	2.50	3.70				
Population Gro	-5.6%	19.1%	3.00	1.00	3.00				
Financial Need Indicator (Sum of weighted Scores/10)					2.22				
					** https://data.census.gov/cedsci/				
2024 for 5 year ACS Table									
Table 1 Financial Burden Matrix									
Modified MAGI									
FNI	Below 1.4%	1.4% to 1.75%	1.75% to 2.1%	2.1% to 2.45%	Above 2.45%				
Below 1.5	Low	Low	Low	Low	High				
1.5 to 2.5	Medium	Medium	medium	medium	High				
Above 2.5	High	High	High	High	High				



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Jill Jones
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Candice Hasenyager,
Executive Secretary

WATER QUALITY BOARD REQUEST FOR PROJECT ASSISTANCE FOR COLLECTION AND LAGOON UPGRADE INTRODUCTION

APPLICANT: Bear Lake Special Service District (Bear Lake SSD) 147 W Logan Road
Garden City, UT 84028

PRESIDING OFFICIAL: Richard Droesbeke, President

CONTACT: Julie Dotson, Secretary

TREASURER/RECORDER: Julie Dotson

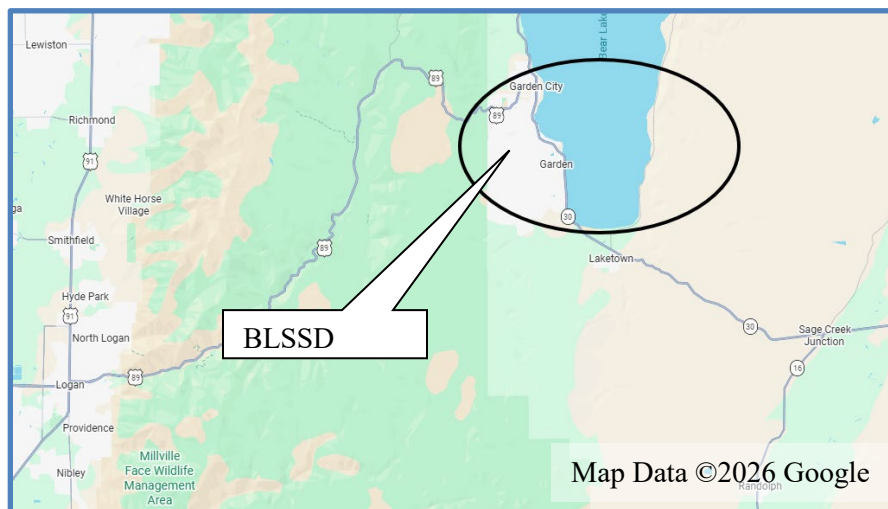
CONSULTING ENGINEER: Kevin Martin, Sunrise Engineering

APPLICANT'S REQUEST

Bear Lake SSD is requesting **project assistance in the amount of \$3,000,000.00** to extend centralized wastewater collection and treatment along the east shore of Bear Lake in Rich County. This includes a request for a \$75,000.00 planning advance.

APPLICANT'S LOCATION

Bear Lake SSD is in Rich County, near the shore of Bear Lake.



195 North 1950 West • Salt Lake City, UT
Mailing Address: P.O. Box 144870 • Salt Lake City, UT 84114-4870
Telephone (801) 536-4300 • Fax (801) 536-4301 TDD (801) 536-4284

www.deq.utah.gov

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PROJECT BACKGROUND

Bear Lake SSD's wastewater treatment facility (facility) is classified as a non-discharging wastewater treatment lagoon under the General Operating Permit for Non-Discharging Lagoons Coverage No. UTOP00103. The east side of Bear Lake is currently on individual onsite systems. The sewer system expansion on the east side of the lake would not be discharged to the same lagoons due to the distance from the current lagoons. Therefore, two new lagoons would be built closer to the area. Bear Lake SSD has received \$1,500,000 in Congressional Funding for this project.

PROJECT NEED

The residents on the east side of Bear Lake currently have onsite systems. These systems, when well maintained and properly operated, can be protective of water quality and groundwater, however, there is a risk that when they are not properly maintained and operated, they can have detrimental effect on water quality. This issue is exasperated due to the proximity several of the systems have to Bear Lake. Based on this a regional treatment system would be able to be placed a safe distance from the lake, thus providing better protection for Bear Lake. Additionally, a planning advance (estimated to be \$75,000) is needed to get the project started.

PROJECT DESCRIPTION

Bear Lake SSD is requesting funding to extend sewer lateral to the east side of Bear Lake. This would require new gravity sewer mains, grinder pump connections, multiple lift stations with high-density polyethylene (HDPE) force mains and two new treatment lagoons. Currently, this area has onsite systems.

ALTERNATIVES EVALUATED

An in-depth alternative analysis has not been done at this time. Planning documents are expected to be worked on in the future.

POPULATION GROWTH

Bear Lake SSD has a population of 18,500 people. The estimated population in twenty years is 34,000 people. The addition of the east shore would add around 250 people to the sewer system with a twenty-year estimate of 400 people.

PUBLIC PARTICIPATION AND DEMONSTRATION OF PUBLIC SUPPORT

Bear Lake SSD has not had a public meeting regarding this project.

EFFORTS TO SECURE FINANCING FROM OTHER SOURCES

Congressional funding makes up 10% of the total cost. Bear Lake SSD intends to continue to try to acquire additional funds through congressionally directed spending and/or a Utah legislative appropriation.

IMPLEMENTATION SCHEDULE

The district hopes to begin construction in 2027 and be completed in 2030, but this will be dependent on them receiving additional funding.

APPLICANT'S CURRENT USER CHARGE

Bear Lake SSD charges a base rate of \$31.26 per month per ERU. Bear Lake SSD recently implemented a 3.5% increase to their rate and is working with Rural Water and Sunrise Engineering to review their sewer rates. According to the Water Quality Board (Board) criteria of 1.4% of MAGI (\$60,000 for Bear Lake), a rate of \$70.00 per month for wastewater service should be exceeded for grant consideration.

COST ESTIMATE

Bear Lake SSD is requesting **\$3,000,000.00** for rehabilitation of the lagoons from the Board.

Legal/Bonding	\$106,000
Loan Origination Fee	\$25,000
Engineering Planning	\$75,000
Environmental and Easements	\$121,000
Engineering – Design & CMS	\$1,756,000
Construction	\$10,807,000
Contingency	\$2,110,000
Total Project Costs	\$15,000,000
Congressional Funding	\$1,500,000

ESTIMATED ANNUAL COST FOR SEWER SERVICE

Division staff developed static cost models (Attachment 1) to evaluate funding by the Board. The cost model analyzes several possible funding options. The resulting Total Annual Sewer Cost is shown for each funding option.

POSITION ON PROJECT PRIORITY LIST

Bear Lake SSD is currently ranked Number 11 of 15 on the FY2027 Wastewater Treatment Project Priority List (PPL).

FINANCIAL BURDEN EVALUATION

The cost model shows the town does not qualify for principal forgiveness consideration under the State Affordability Criteria as part of a funding package. In accordance with the Board's Financial Burden Evaluation Policy for the Utah Wastewater Project Assistance Program, Division staff utilized data from the United State Census Bureau (census) website (<https://data.census.gov/cedsci/>) to calculate the Bear Lake SSD's Financial Need Indicator (FNI). The calculated FNI is 1.35. Division staff compared this FNI to the percent modified MAGI in the Financial Burden Matrix and displayed the Financial Burden in Attachment 1

Based on the Financial Burden Evaluation Policy for the Utah Wastewater Project Assistance Program, the community has a Financial Burden of Low. As can be seen in the cost model this project will result in a MAGI below 1.4%. Therefore, the project may not be considered for grant funds. It should be noted that if additional loan funds instead of Grant funds are received from other sources the user charge will need to be reevaluated.

STAFF RECOMANDATION

This is a project introduction, and Division staff recommendations will be provided at the request for funding authorization. However, it is important that the District continues to work on annexing the area that the project will support, and continue seeking additional funds, as the bonding process would not be able to proceed prior to these things being accomplished.

ATTACHMENT 1
Bear Lake - Water Quality Board
20 Year Loan Static Cost Model

Project Costs

Legal/Bonding	\$	106,000
Loan Origination Fee	\$	25,000
Engineering - Planning	\$	271,000
Engineering - Design	\$	806,000
Engineering - CMS	\$	875,000
Wastewater Treatment Plant	\$	10,807,000
Contingency (20%)	\$	2,110,000
Total Project Cost:	\$	15,000,000

Current Customer Base & User Charges

Initial Total Customer (ERU's)	4,874
MAGI for Garden City (2023):	\$60,000
Affordable Monthly Rate at 1.4%	\$70.00
Impact Fee (per ERU):	\$6,000
Current Monthly Fee (per ERU)	\$31.26
Debt Service	\$89,200
Annual O&M expense	\$1,374,000

Project Funding

Local Contribution	
Amount to be Funded	\$ 3,000,000
WQB Grant	\$ -
Total Project Cost:	\$ 3,000,000

Funding Conditions

Loan Repayment Term:	20
Reserve Funding Period:	6

ESTIMATED COST OF SEWER SERVICE

WQB Loan	Private Loan Amount	WQB Loan Interest Rate	Private Loan Interest Rate*	WQB Loan Debt Service	WQB Loan Reserve	Private Loan Debt Service	Annual Sewer	Existing Debt Service	Total Annual Sewer Cost	Monthly Sewer Cost/ ERU	Sewer Cost as % of MAGI	Financial Burden
0	3,000,000	0.00%	4.50%	0	0	230,628	1,374,000	89200	1,693,828	28.96	0.58%	LOW
3,000,000	0	0.50%	3.50%	157,999	39,500	0	1,374,000	89200	1,660,699	28.39	0.57%	LOW
3,000,000	0	1.00%	3.50%	166,246	41,561	0	1,374,000	89200	1,671,007	28.57	0.57%	LOW
3,000,000	0	1.75%	3.50%	179,074	44,768	0	1,374,000	89200	1,687,042	28.84	0.58%	LOW
3,000,000	0	2.25%	3.50%	187,926	46,982	0	1,374,000	89200	1,698,108	29.03	0.58%	LOW
3,000,000	0	2.75%	3.50%	197,015	49,254	0	1,374,000	89200	1,709,469	29.23	0.58%	LOW
3,000,000	0	3.30%	3.50%	207,281	51,820	0	1,374,000	89200	1,722,302	29.45	0.59%	LOW
3,000,000	0	3.85%	3.50%	217,823	54,456	0	1,374,000	89200	1,735,479	29.67	0.59%	LOW
3,000,000	0	4.40%	3.50%	228,634	57,159	0	1,374,000	89200	1,748,993	29.90	0.60%	LOW
3,000,000	0	4.80%	3.50%	236,662	59,166	0	1,374,000	89200	1,759,028	30.08	0.60%	LOW

*Staff Estimate



State of Utah

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Governor

DEIDRE HENDERSON
Lieutenant Governor

Department of
Environmental Quality

Tim Davis
Commissioner

DIVISION OF WATER QUALITY
Candice A. Hasenyager, P.E.
Director

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Executive Secretary

MEMORANDUM

TO: Water Quality Board

Through: Candice Hasenyager, Division Director

Through: Ben Holcomb, Standards & Technical Services Section Manager

From: Jim Harris, PFAS in Biosolids Workgroup Facilitator, DWQ

Date: 8/26/2026

Subject: Informational Item: Update on PFAS in Biosolids Workgroup

As per the Board's recommendation, a workgroup composed of wastewater representatives, board members, and DWQ staff evaluated proposed rules for monitoring and managing per- and polyfluoroalkyl substances (PFAS) in biosolids. After some deliberation and review of similar programs nationally, the group arrived at the following approach:

Adopted rules should require facilities to monitor PFAS at levels scaled to their discharge volume. Thresholds from the proposed rule should be removed. Instead, the rule should reference separate guidance documentation that can be changed iteratively with the developing science and regulatory landscape. A modified version of the existing "PFAS Environmental and Health Information and Recommended Actions for Water Reclamation Facilities in Utah" will likely serve this purpose. Further outreach to the wastewater and land application community should occur before rule adoption.

Adopting the proposed rule would give DWQ the explicit authority to require PFAS monitoring in biosolids and upstream source investigation. However, there was concern over the additional cost of testing for smaller facilities and subsequent unfunded staff burdens on DWQ. Approaches 1–3 would allow the workgroup to scale the program flexibly, so it remains manageable for DWQ while also meeting the needs of the wastewater community.

Moving forward, the workgroup proposes to revise the rule language, refine the guidance documented in approach 2, and develop information and outreach for wastewater facilities statewide.