

FRUITLAND SPECIAL SERVICE DISTRICT

BOARD OF TRUSTEES

SPECIAL MEETING MINUTES

Monday, March 2, 2026 – 3:00 PM

Location (In-Person):

6186 South 45000 West

Fruitland, Utah 84027

Electronic Participation (Zoom):

Meeting ID: 924 3580 4971

Passcode: 373036

1. CALL TO ORDER

The Special Meeting of the Fruitland Special Service District Board of Trustees was called to order at **3:02 PM** by Chair Vicki Savage.

2. ROLL CALL

Board Members Present:

- Vicki Savage, Chair
- Mike Wilkerson, Trustee
- Michael Scheetz, Trustee

A quorum was present.

District Staff Present:

- Judy Wilkerson, Administrative Director / Clerk
- Zack Taylor, Operator

Engineering & Agency Representatives Present:

- Jeff Baker
- Michael Hartvisgen
- Sarah Page
- Nathan Hall
- Pavel Knubauski

Members of the public were permitted to attend in person or electronically via Zoom.

3. PURPOSE OF SPECIAL MEETING

Chair Savage stated that the purpose of the Special Meeting was to coordinate with engineering representatives and the Utah Division of Drinking Water (DDW) regarding the design, development, regulatory considerations, and planning of a treatment system for the District's culinary water supply.

Discussion was to include:

- System design considerations
- Regulatory compliance requirements
- Project coordination
- Timing considerations related to anticipated spring runoff
- Operational readiness planning

No formal action was anticipated.

4. DISCUSSION

Treatment System Design Presentation

Michael Hartvisgen presented an updated flow diagram for the proposed treatment system. He noted that revisions had been made and submitted to the Utah Division of Drinking Water for review. He stated that following this meeting, the District and engineers should have a clearer understanding of how to proceed.

Discussion included operational challenges associated with the spring source:

- The spring produces good water quality during non-peak conditions.
- During peak runoff, turbidity increases and water quality declines.

The Board discussed the need for a treatment design that accommodates seasonal variability and protects system reliability.

Turbidity & Filtration Considerations

Sarah Page noted that it may be beneficial to review system performance scenarios both **with and without Terbadex filtration media**, particularly given elevated turbidity during runoff periods.

Discussion points included:

- Increased turbidity may result in more frequent filter changes.
- The proposed process does not include a bypass option.
- Whether full-time backwashing capability would be necessary.

- Limited available performance data specific to Terbadex.
- Whether installing a profiler for approximately two weeks per year would represent a significant operational and financial commitment.

The Board emphasized the importance of carefully evaluating all technical and operational details before selecting final system components.

Terbadex Filtration Media Discussion

Pavel Knubauski provided additional explanation regarding Terbadex filtration media. He stated that Terbadex was developed for water sources with elevated turbidity similar to the District's spring during runoff.

He explained:

- Terbadex is effective at filtering particles approximately **3 microns and larger**.
- Iron and aluminum can be contained within these particulate sizes.
- The media provides effective turbidity reduction and high metal removal capacity.
- It is lightweight and requires less water for backwashing compared to certain alternative media.
- The process does not add elements back into the treated water.
- It could potentially be paired with LT2 treatment requirements following filtration.

Pavel stated that, in his professional opinion, the product performs well in high turbidity environments.

Regulatory Considerations & Approval Process

Sarah Page indicated that additional information and performance data would be necessary before determining suitability. She noted:

- Limited available data specific to Terbadex under the District's source conditions.
- The media does not currently carry log removal approval credits.
- DDW would likely require pilot testing data before approving its use.
- MSF certification could potentially be considered; however, it does not substitute for required regulatory approvals where log credits are necessary.

Nathan Hall explained that the approval process through DDW would typically involve:

- Pilot testing to generate site-specific performance data.
- Submittal of engineering reports and design documentation.
- Demonstration of treatment performance under varying source water conditions.

The Board discussed how seasonal variability, including low water years, could influence pilot testing and system performance evaluation.

General System Scenario Discussion

Discussion continued regarding:

- Filter comparisons and operational impacts.
- Costs and commitments associated with pilot testing.
- Operational demands during high runoff periods.
- Evaluating conservative versus phased implementation approaches.
- Identifying the scenario that best protects the District operationally, financially, and from a regulatory standpoint.

The Board reiterated the importance of gathering sufficient data and ensuring regulatory alignment prior to final system selection.

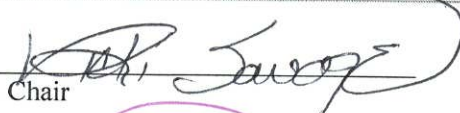
No formal action was taken.


5. PUBLIC COMMENT

No public comment was received.

6. ADJOURNMENT

There being no further business, the meeting was adjourned at 4:14PM.

Approved: 
Vicki Savage, Chair

Attest: 
Judy Wilkerson
Administrative Director / Clerk

