

Timpanogos Special Service District
Administrative Board
Electronic Meeting Minutes
6400 North 5050 West Utah County, Utah

APPROVED
Conference Room/Electronic Meeting

March 20, 2025

6:00 p.m.

Board Members

Present: Sullivan Love - Chair Chandler Goodwin Brian Braithwaite
Neal Winterton Blaine Thomas Joel Thompson
Mark Christensen *Dave Norman

Electronic: Richard Nielson Brent Rummeler *David Bunker
*Mack Straw

Excused:

District Staff: Richard Mickelsen, District Manager David Barlow, District Engineer
Shannon Hansen, Administrative Manager Danette Smith, Board Secretary
Joe Martin, CPA Sam Grimes, Treatment Manager
Brad Christensen, Electrical Supervisor Beau Chadwick, Maintenance Lead
Devin Langford, Chief Technical Officer

Others: Mark Bell, Hayes Godfrey Bell
Brandon Wyatt, Bowen Collins & Associates
Wade Stinson, Aqua Engineers
Ryan Bench, Carollo Engineers
Trevor Lindley, Brown and Caldwell
Jodi Hoffman, Hoffman Law (Closed Meeting - electronic)

Call to Order

Sullivan Love, Board Chair, called the meeting to order. 6:02 p.m.

Public Comment

There was no public comment.

Approval of Minutes

1. Approval of February 20, 2025 Board Retreat Minutes

Chandler Goodwin made a motion to approve the minutes of the February 20, 2025 Board Meeting. Brian Braithwaite seconded the motion. Those voting "Aye" – Sullivan Love, Blaine Thomas, Mark Christensen, Neal Winterton, Brian Braithwaite, Chandler Goodwin, Richard Nielson, Brent Rummeler, and Joel Thompson. Those voting "Nay" – None. The motion passed unanimously.

Consent Calendar

1. TSSD Check Register
2. CL-N1 – 66-inch Parallel line: Sundt pay Request #29 (\$1,367,495.31) retainage (\$68,374.77) and partial release of retainage (\$961,004.08)
3. CL-R1 – Replace & Upsize Lehi/AF outfall: Sundt pay Request #11 (\$1,011,832.17) retainage (\$53,254.32)
 - a. TSSD East entrance construction to begin March 17, 2025
4. Package B – Tertiary filtration and UV Disinfection – Gerber pay Request #1 (\$763,800.00) retainage (\$40,200.00)
5. GMP1 - Mobilization and Site Prep – Alder Construction pay Request #5 (\$263,973.65) retainage (\$13,893.35)
6. GMP2 - Earthwork and Shoring – Alder Construction pay Request #3 (\$374,187.90) retainage (\$19,694.10)
7. GMP3 - digester Complex Piles and Deep Foundations – Alder Construction pay Request #1 (\$490,065.10) retainage (\$25,792.90)

- 1 8. TP-4 East Side Clarifiers (Gates actuators, coatings, walkways/internals, sum, isolation) -Archer Western
2 pay Request #6 (\$467,984.25) retainage (\$24,630.75)
3 9. TO 2025-01 Package C PCAD – Engineering Services During Construction (ESDC) – GMP 1, GMP 2, and
4 GMP 3 – Brown and Caldwell (\$1,729,625.00)
5

6 Mark Christensen made a motion to approve the Consent Calendar. Richard Nielson seconded the motion.
7 Those voting “Aye” – Those voting “Aye” – Sullivan Love, Blaine Thomas, Mark Christensen, Neal Winterton,
8 Brian Braithwaite, Chandler Goodwin, Richard Nielson, Brent Rummler, and Joel Thompson. Those voting
9 “Nay” – None. The motion passed unanimously.

10 Finance

11 1. Financial Report

12 Rich said we do not have any support information as we are in the process of completing the 2024 audit. Rich said
13 the Board will see a report from Squire in the April or May Board Meeting.
14

15 Action Items

16 1. Primary Clarifier Direction

17 Rich said last month he introduced details to the board on the primary clarifier options and he now needs a
18 decision from the board for the process, and how to cover for odor control. Rich said option one has primary filters and
19 a primary clarifier with a thickening centrifuge, option two is the primary filter with the primary clarifier and a gravity
20 thickener, option three is using only the primary filters with the gravity thickener. Rich told the board last month that
21 he preferred option two because that gives him redundancy of having primary filters and primary clarifiers with a
22 thickener, but any of these three options will work for the process. Rich said this has been discussed at length with the
23 engineering committee and now additional discussion with the board. Rich said this PowerPoint has pros and cons. It
24 comes down to how big we want this structure(building) and what we will have in there. Rich said the board has asked
25 him to capture odors, and we have spent a premium to make sure we do that. Using option one and putting it in a
26 building, it will be a massive building. If we just cover the primary clarifiers with the aluminum covers, it will capture
27 odors except when we do maintenance, which will be a minimum of once every five years for 2 days to several weeks.
28 That will expose that and release odor as those covers are opened. The other option is to go with option three, put
29 everything inside the building and scrub all the odors. We would also cap those so it would minimize our day-to-day
30 operations and scrub the air over the head space of the primary filters.

31 *Dave Norman arrived. 6:10 p.m.

32 *David Bunker arrived. 6:12 p.m.

33 *Mack Straw arrived. 6:14 p.m.

34 Rich said any of the three options will work. The redundancy with the primary clarifier is nice but the thought has
35 been pushed to use primary filters without the primary clarifier due to space. The question came up in the committee
36 meetings about the legislature pushing us to handle more high density and how much the plant can handle. The master
37 plan takes us to 2060 (60mgd). Looking into the future, Rich thinks we should go with option three with the base price
38 of \$175 million budgeted in our CFP, and with the addition of the building it would put that at \$228 million. We would
39 add the odor scrubber, and Rich recommends adding the primary centrifuges as a backup for the gravity thickeners.
40 Rich said it would be in the District’s best interest to go with option three as it is the least expensive and will achieve
41 what we want with odor scrubbing. The lifecycle cost will be a little more over time, but the capital cost is going to be
42 about \$231 million.

43 Sullivan said the administration committee had been leaning toward option two, but it sounds like other
44 committees were looking toward other options. Now is the time to really talk it out and give Rich direction. Brian said
45 the discussion in the finance committee was that option three is the least expensive, and because of sensitivity to past
46 issues and growth of the District, option three gives us the most flexibility for having continued odor control. Mark
47 Christensen said this is the best faith effort we can put forward as a District to try to mitigate the odors. Chandler said
48 he was in the finance committee discussions and agrees with Mark and Brian.

49 Joel asked if there is a preference from staff as some are in attendance. Rich said this has been discussed with staff
50 and he is comfortable choosing any of the three options. Joel said thickening was a concern with the primary filters,
51 and asked Rich if he feels comfortable the gravity thickening and adding centrifuges will cover that. Rich said yes, he
52 feels comfortable it will cover that issue. Mark Christensen asked what Brown and Caldwell’s initial recommendation
53 was. Rich said it was initially option one and Rich asked them a lot of questions which produced options two and
54 three. Rich said Brown and Caldwell took them on a tour to Rockford, IL plant and he believes that solidified us to
55 choose option two or three. Initially we had focused on the limited space and when this was started several years ago

there was not full production of our size doing primary clarifiers at this level and now Rockford has done 20mgd for nine months.

David Bunker said one of the discussions revolved around the space needed at the plant. There is not going to be a lot of extra ground for us to figure things out, so option three is a better option for that reason. It will put everything inside a building which we want for odor control but will also save on space and that could prove to be an important piece of how we develop the plant in the future. Rich said we will cover all these head spaces, and the day-to-day operations will scrub that odor, but when we do maintenance, that odor will be released, and we will capture it in the building and scrub it. Option three requires 3 more primary filters to capture the replacement of the primary clarifier and Rich is recommending we keep the two primary centrifuges as the backup for these gravity thickeners. Neal said there was much discussion on this in the engineering committee and this is obviously a big investment. Neal believes this meets the objectives while still meeting the highest level of odor mitigation. Neal said when you are talking about life cycle costs of \$235 million or \$228 million, those are large enough numbers that he is not sure either one is predictable enough to say those are different in cost, and he thinks option three presents the best future for the District. Blaine Thomas said he was in favor of option two.

Mark Christensen made a motion to approve Option 3 keeping the two centrifuges as part of that. Brian Braithwaite seconded the motion. Sullivan Love, Board Chair, took a roll call vote. Those voting "Aye" – Sullivan Love, Mark Christensen, Neal Winterton, Dave Norman, Brian Braithwaite, Chandler Goodwin, Richard Nielson, Brent Rummler, David Bunker, Mack Straw and Joel Thompson. Those voting "Nay" – Blaine Thomas. The motion passed with a majority vote.

Closed Session

1. To discuss Litigation, Property Acquisition and Personnel

Brian Braithwaite made a motion to go into closed session for legal purposes. Neal Winterton seconded the motion. Sullivan Love, Chair, took a roll call vote. Those voting "Aye" – Sullivan Love, Blaine Thomas, Mark Christensen, Neal Winterton, Dave Norman, Brian Braithwaite, Chandler Goodwin, Richard Nielson, Brent Rummler, David Bunker, Mack Straw and Joel Thompson. Those voting "Nay" – None. The motion passed unanimously. 6:27 p.m.

Brian Braithwaite made a motion to go back into regular session. Chandler Goodwin seconded the motion. Those voting "Aye" – Sullivan Love, Blaine Thomas, Mark Christensen, Neal Winterton, Dave Norman, Brian Braithwaite, Chandler Goodwin, Richard Nielson, Brent Rummler, David Bunker, Mack Straw, and Joel Thompson. Those voting "Nay" – None. The motion passed unanimously. 7:50 p.m.

Action Items

2. Appointment of Legal Counsel

David Bunker made a motion to approve the appointment of Mason Kjar of Fabian VanCott to represent the District in various legal issues and approve the appointment of Jon Schutz as Legal Counsel. Mack Straw seconded the motion. Sullivan Love, Chair, took a roll call vote. Those voting "Aye" – Sullivan Love, Mark Christensen, Neal Winterton, Blaine Thomas, David Bunker, Joel Thompson, Brian Braithwaite, Richard Nielson, Brent Rummler, Mack Straw and Chandler Goodwin. Dave Norman abstained. Those voting "Nay" – None. The motion passed with a majority vote.

Communication

1. Manager's Report

a. DEQ Environmental Incident Report No. 19433

Rich said he received a warning letter from DEQ regarding our Sanitary Sewer Overflow (SSO). Rich is appreciative of their willingness to work with us and say do not do that again. We have now taken some action, where previously we had only one phone call option to go out, we now have more than two options that will alert. Rich gave an explanation of what happened to cause the December 24th SSO.

b. US Bureau of Reclamation: Request for Approval of Findings, Timpanogos Special Service District Northern Utah County Regional Reuse Project Feasibility Study

1 Rich said we received notification from the US Bureau of Reclamation. As the board knows we are trying to do
2 water reuse and Pkg B is going to clean the water sufficiently to be able to get to that point. We have been doing the
3 work on getting them to review the application we submitted for grant money, and they now have accepted that. This
4 letter notifies us that we can apply for those grants. This is the first step of several as Rich understands.
5

6 **c. Plant performance**

7 Rich said our ammonia, starting out for the first of the year, is looking really good. The other numbers are a little
8 higher than what we have seen in the past, but we are still within our permit parameters. Things are running
9 sufficiently well for the plant.
10

11 **Adjourn:**

12 **Chandler Goodwin made a motion to adjourn. Neal Winterton seconded the motion. All present "Aye."**
13 **Meeting adjourned. 8:02 p.m.**