

**Directors:**  
Emily McMurtrey, President  
Steven Brandenburg  
Larry Brandt  
Ryan Heiland  
Ed Martens  
Bill Szmyd  
James Walker



*Little Thompson Water District*

**District Manager:**  
Amber Kauffman, PE  
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## Regular Board Meeting Agenda September 22, 2022 - 5:00 P.M.

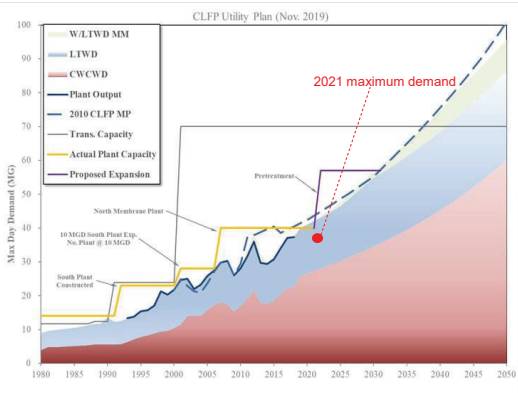
1. Call to Order - *Pledge of Allegiance*
2. Roll Call:
3. Agenda Review: Executive Session is recommended per C.R.S. 24-6-402 (4) subparts (b) and (e).
4. Public Comment on Non-Agenda Items:
5. Consent Items:
  - 5.1. Minutes of the August 11, 2022, Regular Board Meeting..... Page 4
  - 5.2. Tap List 680..... Page 16
  - 5.3. August 2022 Disbursements Report ..... Page 18
  - 5.4. August 2022 Financial Report..... Page 24
6. Discussion Items:
  - 6.1. Carter Lake Filter Plant ..... Page 30
  - 6.2. St. Vrain Water Authority ..... Page 32
  - 6.3. Windy Gap Firming Project ..... Page 33
  - 6.4. Public Hearing: Action Item: Motion to Approve: ..... Page 35  
Resolution No. 2022-24 Larimer County Inclusions  
Resolution No. 2022-25 Larimer County Exclusions  
Resolution No. 2022-26 Weld County Exclusions
  - 6.5. 2023 Budget Review, Proposed Capital Projects, and..... Page 47  
Non-Operating Expenses
  - 6.6. Aurora Organic Dairy Agreement ..... Page 50
  - 6.7. Mark Schell Tap Relocation Request ..... Page 51
  - 6.8. 2021 Financial Audit ..... Page 57
7. Staff Reports:
  - 7.1. District Manager’s Report ..... Page 58
  - 7.2. Business Manager’s Report ..... Page 59
  - 7.3. District Engineer’s Report ..... Page 61
  - 7.4. Water Resources Manager’s Report ..... Page 65
  - 7.5. Operations Manager’s Report and Water Quality Update..... Page 69
8. Director Reports:
9. Executive Session per C.R.S. 24-6-402 (4) subparts (b) and (e) to receive legal advice and to determine positions relative to matters that may be subject to negotiations; developing strategy for negotiations; and instructing negotiators.
10. Adjournment.

# "Serving our customers with safe, reliable and good tasting water at a fair price"



## 2018 Strategic Plan Priority Summary:

1. Second use water
2. Dry Creek expand / treatment / hydro / recreation
3. Mead / Longs Peak service area
4. Limited water resources
5. Technology – Beacon meters
6. Age / type of infrastructure
7. Heavy competition for water
8. Windy Gap water opportunities
9. Good financial condition
10. Reliability of system
11. Boom and bust planning
12. More storage
13. Longer term financial planning
14. Dependence on C-BT (Colorado River)
15. Appropriate staffing levels

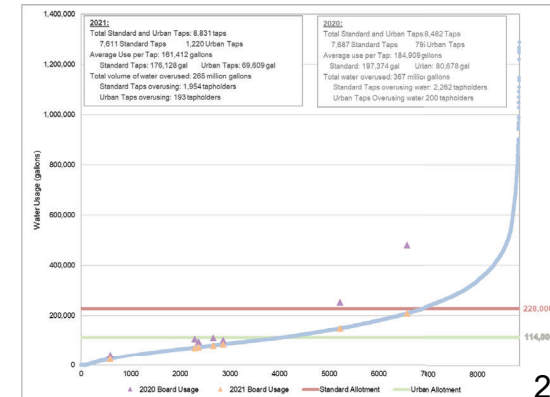
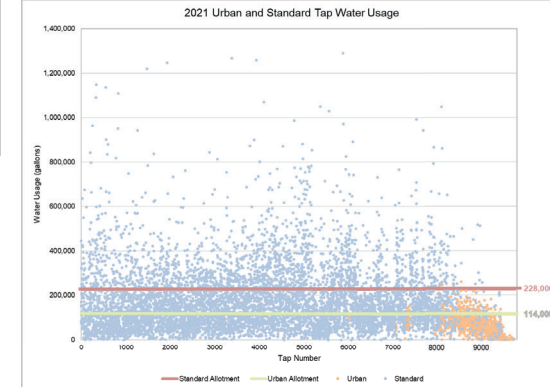
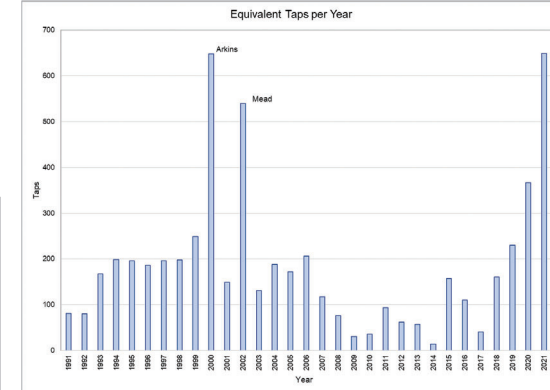
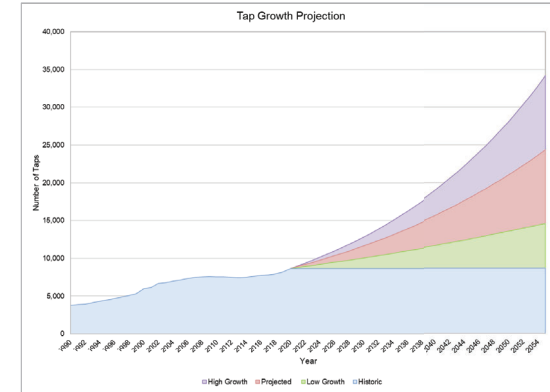
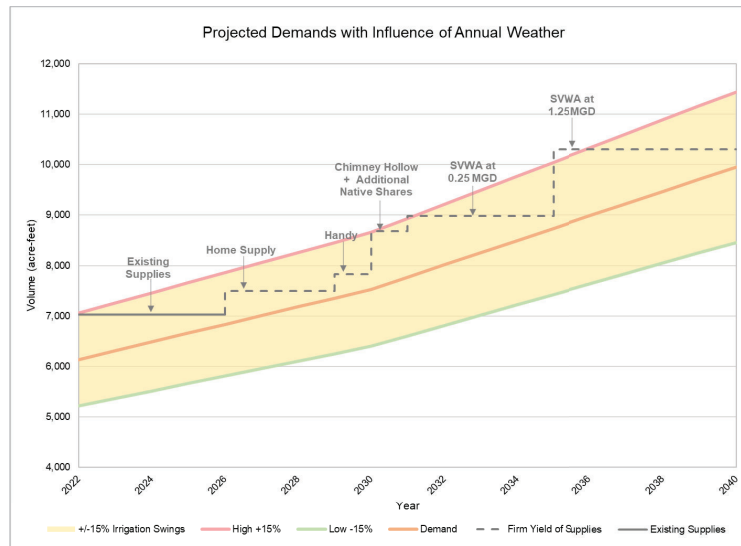
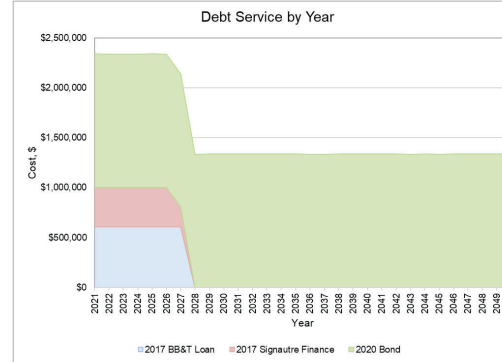
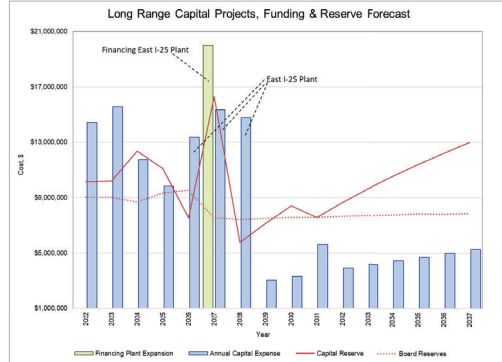


Capital Projects & Equipment - District	2022 Budget
County Rd Improvements	\$ 200,000
Service Connection Expense	\$ 201,600
Telemetry Improvements	\$ 200,000
Small Line Improvements	\$ 75,000
West 1st Street-Bond	\$ 400,000
Non-Potable System Study	\$ 45,000
Northeast Transmission Line-Bond	\$ 3,000,000
5MG Twin Mounds Tank Coating-Bond	\$ 825,000
Loveland/Campion Conversion Project 1-Bond	\$ 1,520,000
54 Bridge-Waterline Relocation	\$ 732,600
Dry Creek Feasibility for Floating Photovoltaic	\$ 35,000
Buckhorn Pump Station VFD's & Pumps	\$ 42,000
Vehicle Replacement Program	\$ 90,000
Office Furniture & Equip (includes software)	\$ 10,000
Misc Equipment	\$ 39,000
Operations Equipment Expense	\$ 55,000
Water Rights CBT	\$ 700,000
Water Rights Other	\$ 1,050,000
Water Rights Adjudication-Engineering	\$ 300,000
Water Rights Adjudication-Legal	\$ 200,000
Raw Water Infrastructure	\$ 950,000

Capital Projects & Equipment - Joint	2022 Budget
Pretreatment Design-Bond	\$ 1,100,000
Pretreatment Construction-Bond	\$ 2,000,000

Long Term Future Capital Projects
West I-25 Transmission Line
Raw Water Infrastructure Needs
Campion Line Project 2
Markham Hill Storage Tank
Alps Waterline Replacement
Lebsack Lane Waterline Replacement
Additional Treatment Capacity

Little Thompson Water District 2021 Water Rights Inventory			
CBT/Windy Gap			
Source	Quantity	Firm Yield Per unit (AF)	Total Firm Yield (AF)
C-BT Class C Fixed Quota Units	5274	0.5	2,637.0
C-BT Class C Variable Quota Units	5504	0.7	3,852.8
C-BT Class D Griep Farm Units	100	0.5	50.0
Windy Gap Units Firmed by 3K AF Dry Creek Reservoir storage	19	40.0	760.0
Windy Gap Units Firmed Assuming Chimney Hollow Reservoir is Online	12	0.0	0.0
Windy Gap Units Firmed Assuming Chimney Hollow Reservoir is Online and 3K AF Firmed storage in Dry Creek Reservoir	7	0.0	0.0
			<b>7,299.8</b>
Native Water Rights			
Source	Quantity	Firm Yield Per Share (AF)	Total Firm Yield (AF)
Big Thompson Ditch and Mfg	0.33	70.6	23.3
Consolidated Home Supply Ditch Company	79.75	3.5	279.1
Handy Ditch Company	54.7	2.5	136.8
			<b>415.9</b>



UPDATED 1/6/2022







# Agenda Item Summary

Little Thompson Water District

Date: September 22, 2022

Item: 5.1

Staff: Amber Kauffman, District Manager

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**Subject:** Minutes of the August 11, 2022, Regular Board Meeting.

**Staff Recommendation:** Staff recommends approval.

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**Discussion:**



This document is a draft copy of the:

**MINUTES OF THE REGULAR MEETING  
OF THE BOARD OF DIRECTORS  
OF LITTLE THOMPSON WATER DISTRICT**

The Board of Directors of Little Thompson Water District (LTWD) met in regular session on Thursday, August 11, 2022. Attendance was as follows:

Board of Directors:

Emily McMurtrey, President, Present  
Steven Brandenburg, Present  
Larry Brandt, Present  
Ryan Heiland, Present  
Ed Martens, Present  
Bill Szmyd, Present  
James J. Walker, Present

Staff in Attendance:

Amber Kauffman, District Manager  
Brad E. Eaton, District Engineer  
Nancy Koch, Water Resources Manager  
Ken Lambrecht, Operations Manager  
Judy O'Malley, Recording Secretary

Other Attendees:

Randy Watkins, CPA, CGMA, CCIFP of BDO USA, LLP

**CALL TO ORDER**

Board President Emily McMurtrey called the meeting to order at 5:01 p.m. followed by the recitation of the *Pledge of Allegiance*.

**ROLL CALL**

Roll call was taken. All Directors were present.

**AGENDA REVIEW**

**It was moved by Director Ed Martens, seconded by Director Bill Szmyd, to enter into Executive Session at the end of the meeting citing §24-6-402(4)(f) C.R.S., to discuss personnel matters. Motion carried unanimously.**

There were no other changes to the agenda.

**PUBLIC COMMENTS ON NON-AGENDA ITEMS**

President McMurtrey opened the Public Comments period. There were no public comments, and the Public Comments period was closed.

**CONSENT AGENDA**

**It was moved by Director Szmyd, seconded by Director Steve Brandenburg, to approve the Consent Agenda, including:**

- Minutes of the July 14, 2022, Regular Board Meeting,
- Tap List 679,
- July 2022 Disbursements in the amount \$1,015,896.81:
  - ❖ Operating Account: \$723,874.91:
    - ACH Manual Check Numbers 3920 to 3993 – \$321,660.91,
    - Check Numbers 10804 to 10845 – \$402,214.00,

- ❖ **Payroll Account: (Two Bi-weekly payroll periods in July) for \$292,021.90:**
  - ACH Transmittal Vouchers O-2194 to O-2205 – \$154,680.20,
  - ACH Direct Deposit Numbers N-11802 to N-11874 – \$137,341.70,

- July 2022 Financial Report.

Motion carried unanimously.

## DISCUSSION ITEMS

### 2021 Audit Presentation:

District Manager Kauffman and Randy Watkins, CPA, CGMA, CCIFP of BDO USA, LLP presented the following information to the Board:

- The 2021 audit field work was completed in August 2022.
- The Management Discussion and Analysis was completed by staff August 3, 2022.
- The 2021 Audit was conducted in accordance with auditing standards generally accepted in the United States of America.
- In conjunction with the audit of the financial statements, there were not items which were considered to be material weakness.
- An Information Technology (IT) review was included in the Audit for the first time.
  - ❖ A few small IT deficiencies were found and are being addressed.
- The 2021 audit must be submitted to the State of Colorado before September 30, 2022.

### Carter Lake Filter Plant (CLFP):

District Manager Amber Kauffman presented the following information to the Board:

- CLFP Board Officers were elected:
  - ❖ Al Lind of Central Weld County Water District (CWCWD), President
  - ❖ Ryan Heiland of LTWD, Vice President
  - ❖ Steve Brandenburg of LTWD, Secretary/Treasurer
- Financial Review:
  - ❖ CLFP believes they will be approximately \$200,000 over budget for chemicals only.
  - ❖ Staff do not believe they will need additional funds.
- Pretreatment:
  - ❖ Josh Cook, P.E. of NoCo Engineering, emailed a proposal to Mr. Whittet.
    - Mr. Cook proposed a design-bid-build approach to the pretreatment project.
      - ◇ The price increased by approximately 90 percent over a proposal that was submitted two years ago due to increased labor and material costs.
      - ◇ The project design is expected to take 2- years to complete.

Discussion followed regarding whether the cost increase was in-line with the current economy, project management, and if other proposals would be considered.

- Dry Creek Reservoir Water:
  - ❖ CLFP started using Dry Creek Reservoir water on July 6.
    - Prior to the start of pumping, on July 7 the surge tank faulted, and pumping stopped.



- Pumping resumed on July 12.
- Pumping was stopped again on July 19 due to the north plant's inability to handle the increased Total Organic Carbon (TOC).
- The increased TOC was causing the north plant to foul the membranes faster than expected, thereby reducing plant capacity and potential service life of the membranes with increased clean-in-place cycles.
- Pretreatment will resolve the issue; however, that solution could be years away.
- ❖ CWCWD District Manager Stan Linker, CLFP Plant Manager Rick Whittet, and Ms. Kauffman scheduled a manager's meeting to discuss ways to manage Dry Creek Reservoir water.
- General Plant Information:
  - ❖ The North and South plants have some equipment repairs that are needed.
  - ❖ Some access roads on the property are in need of repair.
  - ❖ CLFP Staff plan to exchange the backhoe and forklift for a universal loader.

President McMurtrey called for a break at 6:26 p.m. The meeting resumed at 6:37 p.m.

#### St. Vrain Water Authority (SVWA):

District Manager Kauffman presented the following information to the Board:

- At the August 8, 2022, SVWA Board Meeting LTWD Board Member James Walker, along with Donald Conyac, were sworn in to the SVWA Board.
- SVWA Board Officers were elected:
  - ❖ Julie Svaldi Town of Firestone (Firestone) Board Member, President
  - ❖ Julie Pasillas of Firestone, Vice-President
  - ❖ Dave Lindsay Consultant for Firestone, Secretary
  - ❖ Don Conyac, Treasurer
- Director Walker requested the SVWA Board research an accessibility policy for the website.
  - ❖ Ms. Kauffman advised she forwarded a copy of the District's policy.
- A draft of the SVWA 2023 budget was expected to be presented to the SVWA Board at the September meeting.
- A Request for Proposal (RFP) was being sent out to obtain administrative services.
- Construction had been moving along but continued with delays.
  - ❖ A temporary Certificate of Occupancy (CO) was expected in Mid-October.

#### Windy Gap Firing Project (WGFP):

District Manager Kauffman presented the following information to the Board:

- Colorado River Connectivity Channel (CRCC):
  - ❖ The National Resources Conservation Services (NRCS) official signatures have been delayed for full funding.
    - The approval for a portion of the funding has been approved.
    - The full funding is reported to be approved but the signature had not been added to the document.
  - ❖ The early works construction package continues with most of the fill material for the new dam stockpiled, the reservoir is drained, and riprap is also stockpiled.

- Chimney Hollow:
  - ❖ The project continues to fall within the early completion schedule, meaning that the critical path items are on schedule.
  - ❖ The critical path item currently is the grout program.
  - ❖ Current issues continue to be the dam foundation quantities.
    - These are expected to result in a \$5 million (M) to \$10M change order due to the higher than expected rock elevations and the foundation seepage.
    - The foundation seepage appears to be a potentially smaller issue than first thought.
  - ❖ An additional issue includes the asphalt design test results indicating a softer mix than desired.
    - All of the specific testing for this application is only done in Europe.
    - Currently no testing is completed in the US, thereby delaying some of the adjustments.
  - ❖ The final current issue is the plinth concrete thickness.
    - The contractor suggests that the required extra thickness is due to the rock formation, and the engineer suggests that the extra thickness is due to the contractor's means and methods.
    - There has been no resolution at this time but the parties are working together toward a resolution.
  - ❖ The downstream portal construction has approximately 315 feet (ft) of the 600 ft completed with crews working around the clock.
  - ❖ The Bald Mountain Tunnel connection valve was set and the building that houses it is under construction.
  - ❖ The valve needs to be completed by September 19 for the scheduled shutdown of the tunnel.
- WGFP Enhancement Donor Fund Advisory Committee:
  - ❖ The Advisory Committee met on May 20, 2022.
    - The meeting produced progress on the establishment of criteria for funding of projects.
  - ❖ The committee decided to use a letter of interest to RFP approach for projects funded by the donor fund.
    - Goals include:
      - ◇ To have a press release for the letter of interest in September.
      - ◇ Finalized set of grading criteria for funding projects by October.
      - ◇ Project selection in December.
  - ❖ Discussion remained as to whether the funding shall be matched by the parties or stand alone.
  - ❖ Also, to be discussed was whether the group should hire a consultant for stream restoration expertise.
- WGFP Mitigation Enhancements:
  - ❖ Northern Colorado Water Conservancy District (Northern) has several ideas to assist in mitigating the nutrient loading into the three lakes system.
  - ❖ Northern is hoping to have a feasibility level cost estimate for improvements to wastewater plants to assist in the nutrient reduction by the end of the year.



**Action Item: Motion to Approve: Resolutions 2022-22, 2022-23 Exclusions:**

President McMurtrey opened the Public Hearing. There were no public comments, and the Public Hearing was closed.

**It was moved by Director Szmyd, seconded by Director Larry Brandt, to adopt Resolution 2022-22 Exclusion (Drought), and Resolution 2022-23 Exclusion (Platte Land & Water). Motion carried unanimously.**

**2023 Budget Objectives:**

District Manager Kauffman presented the following information to the Board:

- The Budget Schedule will be as follows:
  - ❖ August 11 Discussion of budget objectives and general directions from the Board.
  - ❖ September 22 Presentation of proposed Capital expenditures and projects.
  - ❖ October 13 Presentation of the proposed budget (required on or prior to Oct. 15, 2022).
  - ❖ November 10 Scheduled public hearing on the budget, 30-day notice required.
  - ❖ December 15 Adoption on 2022 Budget (required by December 15, 2022).
- Budget Objectives:
  - ❖ Projected tap sales at 250 taps for 2023.
  - ❖ Overall retail rate increase for base rate and tiers to help keep up with inflation, a 5% increase to the base rate and lower tiers and a 9% increase to the top tiers.
  - ❖ Review and update all wholesale rates.
  - ❖ Continue water conservation efforts and outreach.
  - ❖ Continue to fund work on native water change of use (water court).
  - ❖ Budget 3.5% for cost-of-living plus 4.4% for merit pay adjustments.
    - Based on preliminary information from Employers Council survey for Government entities in Northern Colorado.
  - ❖ One new employee and two replacement employees for retirements.
  - ❖ Plan and implement significant CLFP Joint Capital projects (pretreatment design/construction)
  - ❖ Other input from the Board.

Discussion followed regarding the following topics:

- Managing the balance between treatment capacity and the District being able to sell new taps.
- Staffing options, including rehiring retired employees.
- Hiring a marketing agency to assist with publicizing information to customers.
- Continuing to educate customers on annual allotments and curtailing over-use.
- Finding and purchasing additional water supplies.
- Budgeting for capital projects and increase costs of supplies for CLFP.

**First Amendment to the 2002 Town of Johnstown Intergovernmental Agreement (IGA):**

District Manager Kauffman presented the following information to the Board:

- Matt LeCert, Town Manager of the Town of Johnstown (Johnstown) had been short-staffed and unable to spend time updating the current IGA.

- Ms. Kauffman requested approval from the Board for the First Amendment of the 2002 IGA extending the terms of the original agreement until March 2023.
  - ❖ Copies of the First Amendment to the 2002 IGA, the 2002 IGA, and the 2009 IGA were included in the August 11, 2022, Board Packet.

Following discussion, **it was moved by Director Szmyd, seconded by Director Ryan Heiland, to approve the First Amendment to the 2002 Town of Johnstown IGA as presented to the Board. Motion carried unanimously.**

#### Longs Peak Water District (LPWD) – LTWD Memorandum of Understanding (MoU):

District Manager Kauffman presented the following information to the Board:

- Gary Allen, General Manager of LPWD and Ms. Kauffman have been working on a way to transfer service of a subdivision, Mead Crossing, currently served by LPWD to service from the District.
  - ❖ The change is due to the relocation of a meter vault that serves LPWD from the District.
  - ❖ The vault will be relocated by a different development, Waterfront.
  - ❖ The District will take over the service to the entire subdivision and take ownership of the existing infrastructure.
  - ❖ The timing is important as there is currently only one LPWD customer in Mead Crossing but there are several other lots wanting service.
  - ❖ It would be better for staff and customers to not have the switch happen after customers have been established in LPWD.
  - ❖ This means that all new customers will need to meet the District's requirements for service and pay the District's tap fees to the District.
  - ❖ When the vault is relocated, the existing LPWD customer will be advised of the situation and be asked to sign exclusion paperwork from LPWD, District inclusion paperwork, and the District Domestic Water Agreement (DWA).
  - ❖ There are 14 units of Colorado-Big Thompson (C-BT) water dedicated to the development.
  - ❖ Quick Trip purchased the entire subdivision.
    - The existing customer uses approximately one unit of C-BT, the Quick Trip store has seven units of C-BT assigned.
    - The remaining units of C-BT will be assigned to subsequent customers as District Staff deem appropriate for the business.
    - If there are not enough units of C-BT to fulfill every new customer in the subdivision, will be addressed on a case-by-case basis.
- This change in service area, preempted by the relocation of the meter vault, will require an amendment to the existing IGA with LPWD, Mead, and the District.
- In the meantime, LPWD and the District both felt it important to document the path ahead for development in Mead Crossing and to give developers clear direction forward.
- The MoU has already been signed by Gary Allen, General Manager of LPWD (see attached).

**It was moved by Director Martens, seconded by Director Szmyd, to approve the LPWD – LTWD MoU as presented to the Board. Motion carried unanimously.**



## STAFF REPORTS

District Manager's Report: District Manager Kauffman reported on the following:

- Regional Water Strat Op Work Session:
  - ❖ On July 29, 2022, Ms. Kauffman attended the work session on behalf of the District.
    - The focus was on determining the work scope for study by a consultant.
      - ◇ A draft document had been started by Sean Chambers of the City of Greeley (Greeley) and Ms. Kauffman.
    - The conversation morphed into what the elected leaders want to see out of the work of the group and who was willing to support what effort.
    - In addition to other topics, the group also discussed the following:
      - ◇ The challenges in delivering large quantities of water supplies which are available near a treatment plant for use in a potable system versus available water supplies used for non-potable use.
      - ◇ Conditions and potential outfall of the low water elevations in Lake Mead and Powell and the Bureau of Reclamations impending deadline for water use reduction.
      - ◇ Water conservation measures and land planning tools for reducing landscape demands.
      - ◇ The water demand/supply horizon for elected leaders to grasp and discuss with their constituency.
- Chimney Hollow Tour:
  - ❖ Ms. Kauffman reminded the Board and Staff of the tour scheduled for August 17, 2022, at 1:00 p.m.
- Employee Appreciation Event:
  - ❖ The District hosted a Casino Night at City Star Brewery for employees and one guest on July 29, 2022, at 5:00 p.m.
  - ❖ It was a fun, interactive event at a convenient location.
- Office Building:
  - ❖ The new office roof has been leaking after large storm events.
  - ❖ Ms. Kauffman is concerned that the water could cause significant damage and other environmental concerns.
  - ❖ Operations Manager Ken Lambrecht started obtaining quotes for a new roof and other alternative roof solutions.
    - Staff are looking at the costs and lifetime of the solution.
    - The preference is not to spend too much as the long-term plan is to find a location for a new office building somewhere, but not have a regular annual expense for repairs of the current office.
  - ❖ Ms. Kauffman expects a cost in the range of \$50,000 to \$100,000 but will advise the Board when details are received.
  - ❖ The goal is to get the roof repaired sooner rather than later with short schedule notices for some contractors and increased potential for damage with each precipitation event.
  - ❖ Staff would like early authorization within a boundary to move forward.
  - ❖ The item should be a non-operating expense, for which the District didn't have dollars budgeted for that line item but will have sufficient room under the overall non-operating budget, thereby not exceeding the total budgeted expenditures for the District for 2022.

- Rate Study:
  - ❖ The following points were discussed:
    - Reward conservative users and hold over-users accountable.
    - A way to fund assistance for low-income households.
    - Develop talking points for Board Members to explain rate increases to constituents.
    - The purpose of a rate study is to make sure the District is being equitable compared to surrounding water providers.
      - ◊ A rate study may assist Staff in learning how other water providers curtail over-use.
    - Creating new classifications of taps with a higher annual allotment.

Business Manager's Report: In the absence of Business Manager Angela Diekhoff, District Manager Kauffman reported on the following:

- 2023 Board Meeting Calendar:
  - ❖ The Board Calendar for the upcoming year is generally presented in November.
    - Staff requested the Board consider moving the regular monthly meetings to the third Thursday of each month.
    - The requested change would allow Staff more time to prepare reports as well as obtain information from the CLFP and SVWA meetings.
- EyeOnWater Users:
  - ❖ There were a total of 1,215 users out of the 1,158 user goal for 2022.
    - Goal met!

District Engineer's Report: District Engineer Eaton reported on the following:

- There were 2,601 Tap Commitment Requests in June. Year-to-date total was 4,988.
  - ❖ This number is skewed due to a revised Commitment Request for the Turion development.
- Capital Projects:
  - ❖ The western portion of the West 1<sup>st</sup> Street (St.) project had been completed, and the eastern portion of the project was substantially completed.
  - ❖ The preliminary alignment design for the Northeast Transmission Line had been developed.
    - The next steps involve easement discussion with property owners.
  - ❖ The Twin Mounds project continued to progress.
    - Weld and pitting repairs in the ceiling structure were the focus.
    - Epoxy stripe coating of the structural joints in the ceiling were to begin the week of August 8, 2022.
    - Commissioning of the robotic sandblaster for the walls was expected to begin the week of August 15, 2022.
    - Significant corrosion in the ceiling structure delayed the overall schedule.
    - Completion of the project and the filling of the tank was expected by August.
  - ❖ The Loveland/Campion Conversion Project 60% design drawings had been completed and were under final review by Staff.
    - Project complexity along with inflation of material costs indicate that total project costs could reach \$3.2 - \$3.4 M.

- The newly understood budget overrun will require a phased approach with the construction beginning in the last quarter of 2022 and project completion in 2023.
  - ❖ The Dry Creek Reservoir water level and water quality equipment would be ready to be installed soon.
  - ❖ Weld County was to relocate approximately 1,250 feet of 12-inch waterline to accommodate the widening of the Weld County Road (WCR) 54 Bridge at the Thompson River.
    - Project costs will be reimbursed by Weld County.
    - The waterline relocation design was in progress.
  - ❖ The next steps for the Raw Water Infrastructure, to capture and convey native water for treatment, are to develop the RFP for design services.
- **Development Projects:**
  - ❖ The new Home Depot warehouse project received special approval from Mead causing District Staff to move quickly to keep up.
  - ❖ Approximately half of the necessary water dedication had been received for the Horizon Hills development.
    - The water dedication was enough for Phase I.
  - ❖ Engineering Business Support Level II Clayton Orback had been training with the inspectors and assisting where needed in the field.
- **Other Engineering & GIS Activities:**
  - ❖ The Larimer County Road (LCR) 8 and LCR 21 roundabout design was progressing.
  - ❖ Staff were pursuing missing easement for the joint 24 inch line on the Schulz property impacted by area development.
  - ❖ The West Interstate 25 (I-25) 24 inch transmission line easement acquisitions continued.
  - ❖ The Colorado Department of Transportation (CDOT) repairs to the 42-inch Air Release Valve (ARV) gaskets were complete and the transmission line was back in service.
    - Resolutions to minor project items was in process.

**Water Resources Manager's Report: Water Resources Manager Koch reported on the following:**

- July had been hot and dry; however, water usage demands had been slightly lower than projections.
- Cumulative water use was very close to the projected amount for the 2021 – 2022 water year.
  - ❖ Ms. Koch expected the District to have water for carryover.
  - ❖ Ms. Koch was going to contact the Town of Berthoud (Berthoud) regarding their carryover to see if there was any the District could use.
  - ❖ Ms. Koch advised that the District had received a significant amount of water dedications for developments.
- The Dry Creek Reservoir water level had decreased between evaporation and usage.
  - ❖ The District has until September 30, 2022, to transfer our Windy Gap water out of the C-BT system into Dry Creek Reservoir.

- ❖ Water Resources Administrator Amanda Hoff advised CWCWD what date the transfer has to start and offered to run whatever Windy Gap water CWCWD has into the reservoir.
- Water Court:
  - ❖ The first round of comments for the Home Supply case had been completed.
    - The deadline for additional Objector Comments was scheduled for September 16, 2022.

Discussion followed regarding the types of objections Staff were receiving in the Water Court case, and who the objectors were.

- The Seasonal Outlook report continues to predict above average temperatures and below average precipitation for Northern Colorado.
- District Customer's daily water use in the month of July showed dips on Fridays.
  - ❖ Staff felt this was due to the continued education efforts and watering restrictions being followed.
- Ms. Kauffman offered kudos to Ms. Koch, Ms. Hoff, and Mr. Lambrecht for creating the Customers' Daily Water Use graph.

Operations Manager's Report and Water Quality Update: Operations Manager Ken Lambrecht reported on the following:

- Locate requests and leak repairs were slightly higher than the five year average, but trending towards the average.
- All monthly Coliform were within acceptable parameters. The next Lead and Copper sampling period was tentatively scheduled for November. The next Disinfection Byproduct (DBP) 2 samplings were scheduled for August.
- Crew Leader Valve Exerciser Alan Cordova had exercised 4,587 out of a total of 6,046 valves.

## DIRECTOR REPORTS

Director Szmyd questioned if Staff is able to download customer EyeOnWater information and notify over-users. Ms. Kauffman and Mr. Lambrecht advised that Staff already take these steps.

Director Heiland noted there was an article on a local news channel regarding taste and odor complaints lodged against Denver Water. The issue is coming from high levels of Geosmin in the water.

President McMurtrey noted that Larimer County had been performing Chip and Seal operations at LCR 8 and 21, where they will be installing a roundabout. Ms. McMurtrey also noted that the recently passed Federal Inflation Bill includes resources to fill in the water gap in the Colorado River basin.

President McMurtrey called for a break at 8:40 p.m.

The Board went into Executive Session at 8:46 p.m. **It was moved by Director Martens to Adjourn the Executive Session at 9:15 p.m.**



There being no further business, **it was moved by Director Szmyd to adjourn the meeting at 9:16 p.m.**

Respectfully submitted,

*Amber Kauffman*

# Agenda Item Summary

Little Thompson Water District

Date: September 22, 2022

Item: 5.2

Staff: Amber Kauffman, District Manager; Holly Suess, Customer Service Supervisor;  
Judy O'Malley, Administrative Assistant

**Subject: Tap List 680**

**Staff Recommendation: Staff recommends approval.**

**Discussion:**

**TAP LIST 680 ~ NEW AND AMENDED CONTRACTS**

TAP #	NAME	5/8 INCH URBAN	5/8 INCH STANDARD	OTHER	WATER RIGHTS	CIL
10031	Lennar	X			.35 AF	
10032	Northmoor Acres HOA			5/8" irrigation		.70 AF
10034	Highlands Mead LLC			1" irrigation	2.37 AF	
10035	Vladimier & Amy Aleksiev		X			.70 AF
10036	Lennar	X			.35 AF	
10037	Lennar	X			.35 AF	
10038	Lennar	X			.35 AF	
10039	Lennar	X			.35 AF	
10040	Lennar	X			.35 AF	
10041	Lennar	X			.35 AF	
10042	Lennar	X			.35 AF	
10043	Lennar	X			.35 AF	

	5/8 INCH URBAN	5/8 INCH STANDARD	OTHER	WATER RIGHTS	CIL
<b>AUGUST 2022 TOTALS</b>	<b>9</b>	<b>1</b>	<b>2</b>	<b>5.52 AF</b>	<b>1.40 AF</b>
<b>YEAR-TO-DATE 2022 TOTALS</b>	<b>197</b>	<b>13</b>	<b>6</b>	<b>101.64 AF</b>	<b>8.40 AF</b>
<b>TAPS BUDGETED 2022</b>	<b>280</b>	<b>8</b>			

Tap Commitments	Balance
<b>Taps with Water Rights Satisfied/Water Dedications</b>	<b>55</b>
<b>Dormant Taps</b>	<b>5</b>
<b>Total Other Tap Commitments</b>	<b>60</b>

**TAP LIST 680 (cont.) ~ MISC. TAP RECEIVABLES**

<b>TAP #</b>	<b>NOTES</b>	<b>5/8 INCH URBAN</b>	<b>5/8 INCH STANDARD</b>	<b>OTHER</b>	<b>WATER RIGHTS</b>	<b>CIL</b>
2997	Upsize Tap – and Add'l Allotment			3/4" residential		1.13 AF
4362	Accessory Dwelling – Add'l Allotment		X			.10 AF
10033	Town of Mead (exchange of 5/8" residential tap)			5/8" non-residential	N/A	N/A
		<b>5/8 INCH URBAN</b>	<b>5/8 INCH STANDARD</b>	<b>OTHER</b>	<b>WATER RIGHTS</b>	<b>CIL</b>
<b>JULY 2022 TOTALS</b>				<b>1</b>	<b>0 AF</b>	<b>1.13 AF</b>
<b>AUGUST 2022 TOTALS</b>			<b>1</b>	<b>1</b>	<b>0 AF</b>	<b>.10 AF</b>
<b>YEAR-TO-DATE 2022 TOTALS</b>		<b>0</b>	<b>1</b>	<b>2</b>	<b>0 AF</b>	<b>1.23 AF</b>

# Agenda Item Summary

Little Thompson Water District

Date: September 22, 2022

Item: 5.3 Disbursements

Staff: Angela Diekhoff, Business Manager

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**Subject:** August 2022 Disbursements.

**Staff Recommendation:** Approval.

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## August 2022 Disbursements

Request approval of the August 2022 Cash Disbursements in the amount of \$865,791.92

Operating Account: \$571,113.91

ACH Manual Check Numbers 3994-4046 – \$349,059.74

Check Numbers 10846 to 10881– \$222,054.17

Payroll Account: \$294,678.01 (Two bi-weekly payroll periods in August)

ACH Transmittal Vouchers 2206 to 2217 – \$152,476.80

ACH Direct Deposit Numbers 11875 to 11948– \$142,201.21

## Discussion:

All expenses are for normal operating costs, except for \$109,500.97 for Capital Cost – Joint, and \$92,975.68 for Capital Cost – District.



**Little Thompson Water District  
Cash Disbursements Summary  
Check Issue Dates: 8/01/2022 to 8/31/2022**

Employee Related Expenses	\$	294,678.01
Filter Plant Ops Expense	\$	151,533.51
Capital Cost-Joint	\$	109,500.97
Capital Cost-District	\$	92,975.68
24 Brookfield WL Passthrough	\$	61,946.88
Bldg/Grds Expenses	\$	24,646.51
Service Connection	\$	22,015.55
Valve Repairs and Maintenance	\$	12,864.36
Vehicle Expenses	\$	11,685.40
Credit Card-Conference-\$763; Membership-\$5; Office Supplies-\$5254; Office Exp-\$894; Uniforms-\$69; Communication-\$130; Vehicle-\$35; Capital-\$1173;Utilites-\$75; Misc-\$1824	\$	10,469.01
O & M Expenses	\$	10,244.99
Cty Rd Improvements	\$	10,200.30
Computer Expenses	\$	8,750.66
Office Expenses	\$	6,675.76
Inventory	\$	5,745.00
Operations - Utilities	\$	5,483.96
Communication Expenses	\$	5,309.91
Water Resources General Eng	\$	3,920.00
Locate Expenses	\$	2,817.46
Sys Repairs Expenses	\$	2,497.35
Service Contracts	\$	1,810.66
Telemetry Expenses	\$	1,745.50
Water Resources General Legal	\$	1,483.00
Water Conservation	\$	1,410.00
Purchased Water Expenses	\$	1,342.25
Safety Expenses	\$	894.26
WQ - CDPHE	\$	865.00
Landscaping Incentives	\$	550.00
Legal - Special Counsel	\$	386.10
Permit Expenses	\$	300.00
Uniforms Expenses	\$	280.98
Soil Amendment Rebates	\$	272.33
GIS	\$	240.00
Engineering Dept Expenses	\$	193.47
Retainage Payable-Non Pot	\$	57.00
<b>Total</b>	<b>\$</b>	<b>865,791.82</b>

**Little Thompson Water District**  
**Cash Disbursements Detail**  
**Check Issue Dates: 8/01/2022 to 8/31/2022**

<b>Operations</b>				
<b>Check Number</b>	<b>Check Issue Date</b>	<b>Payee</b>	<b>Description</b>	<b>Amount</b>
4026	8/12/2022	Carter Lake Filter Plant	Filter Plant Ops Expense	\$ 151,533.51
4008	8/12/2022	Carter Lake Filter Plant	Capital Cost-Joint-Pretreatment Design	\$ 109,325.97
10878	8/24/2022	Swedish Industrial Coatings, LLC	Capital Cost-District-5MG Twin Mounds Tank Coating	\$ 88,225.68
10856	8/10/2022	Lynda L. McKinstry	24 Brookfield WL Passthrough	\$ 30,739.00
10851	8/10/2022	Farnsworth Group Inc	24 Brookfield WL Passthrough	\$ 29,181.15
10853	8/10/2022	Gopher Excavation Inc	Service Connection	\$ 22,015.55
10858	8/10/2022	Orback Construction	Valve Repairs and Maintenance	\$ 12,832.50
10864	8/10/2022	VS Concrete Services	Bldg/Grds Expenses	\$ 12,000.00
3997	8/3/2022	Adams Bank MasterCard	Credit Card-Conference-\$763; Membership-\$5; Office Supplies-\$5254; Office Exp-\$894; Uniforms-\$69; Communication-\$130; Vehicle-\$35; Capital-\$1173;Utilities-\$75; Misc-\$1824	\$ 10,469.01
10868	8/24/2022	Ditesco	Cty Rd Improvements	\$ 10,200.30
4028	8/12/2022	WEX Bank	Vehicle Expenses	\$ 10,112.79
4010	8/12/2022	Stratus Information Systems (ITX)	Computer Expenses	\$ 8,622.75
4009	8/12/2022	Loveland Ready Mix Concrete Inc.	Bldg/Grds Expenses	\$ 8,522.26
4012	8/12/2022	Badger Meter	Inventory	\$ 5,745.00
4016	8/12/2022	Dana Kepner Company Inc	O & M Expenses	\$ 5,333.18
10853	8/10/2022	Gopher Excavation Inc	Capital Cost-District-Service Connection	\$ 4,750.00
4029	8/17/2022	PINNACOL	Office Expenses	\$ 3,961.00
10861	8/10/2022	Snowmelt Water Engineering, LLC	Water Resources General Eng	\$ 3,920.00
4041	8/25/2022	Ferguson Waterworks	O & M Expenses	\$ 3,644.47
4004	8/11/2022	Poudre Valley REA	Operations - Utilities	\$ 2,350.08
4044	8/25/2022	Poudre Valley REA	Operations - Utilities	\$ 2,227.86
4021	8/12/2022	Western States Land Services LLC	24 Brookfield WL Passthrough	\$ 2,026.73
4039	8/25/2022	Loveland Barricade	Sys Repairs Expenses	\$ 1,881.50
4020	8/12/2022	Frontier Business Products	Service Contracts	\$ 1,801.66
4013	8/12/2022	Timber Line Electric & Control	Telemetry Expenses	\$ 1,745.50

4018	8/12/2022 UNCC	Locate Expenses	\$	1,530.10
4006	8/12/2022 Resource Central	Water Conservation	\$	1,410.00
4032	8/22/2022 XCEL Energy	Bldg/Grds Expenses	\$	1,344.87
4022	8/12/2022 Carlson Hammond & Paddock	Water Resources General Legal	\$	1,311.50
10859	8/10/2022 Poulsen Ace Hardware	Locate Expenses	\$	1,287.36
4002	8/8/2022 Cintas Corporation #737	Bldg/Grds Expenses	\$	1,249.69
4035	8/24/2022 COMCAST	Communication Expenses	\$	1,165.05
4019	8/12/2022 Northern Co Water Cons Dist	Purchased Water Expenses	\$	1,129.30
10852	8/10/2022 Front Range Raynor	Bldg/Grds Expenses	\$	1,100.00
4033	8/23/2022 AT&T Mobility	Communication Expenses	\$	1,022.15
10867	8/24/2022 Ditch Witch of the Rockies	Vehicle Expenses	\$	992.49
3996	8/3/2022 Verizon Wireless	Communication Expenses	\$	953.15
10848	8/10/2022 CDPHE	WQ - CDPHE	\$	865.00
3994	8/2/2022 First Insurance Funding	Office Expenses	\$	850.48
4003	8/8/2022 Verizon Wireless	Communication Expenses	\$	831.61
4030	8/19/2022 Sam's Club	Office Expenses	\$	777.92
4024	8/12/2022 PIONEER	Sys Repairs Expenses	\$	615.85
3999	8/4/2022 Poudre Valley REA	Operations - Utilities	\$	548.45
10862	8/10/2022 Starr & Westbrook PC	Office Expenses	\$	519.00
4046	8/30/2022 Verizon Wireless	Communication Expenses	\$	450.48
4042	8/25/2022 Home Depot Credit Services	O & M Expenses	\$	441.45
4043	8/25/2022 Sam's Club	Safety Expenses	\$	434.26
10869	8/24/2022 EMILY CORWIN	Landscaping Incentives	\$	400.00
4025	8/12/2022 Carlson Hammond & Paddock	Legal - Special Counsel	\$	386.10
4045	8/29/2022 Town of Berthoud	Bldg/Grds Expenses	\$	376.21
4000	8/5/2022 COMCAST	Communication Expenses	\$	347.41
4001	8/8/2022 John Deere Financial	O & M Expenses	\$	314.96
10846	8/10/2022 Berthoud Ace Hardware	O & M Expenses	\$	307.09
4034	8/24/2022 United Power Inc	Operations - Utilities	\$	301.35
10873	8/24/2022 Larimer County Engineering Dept.	Permit Expenses	\$	300.00
3995	8/3/2022 Verizon Wireless	Communication Expenses	\$	286.30

4040	8/25/2022	Safety Services	Safety Expenses	\$	275.00
10877	8/24/2022	STACEY & THOMAS HASSELL	Soil Amendment Rebates	\$	272.33
10879	8/24/2022	T & T OK Tire	Vehicle Expenses	\$	254.48
3998	8/4/2022	CenturyLink	Communication Expenses	\$	253.76
10854	8/10/2022	IMEG	GIS	\$	240.00
4037	8/25/2022	InfoArmor, Inc.	Office Expenses	\$	217.50
10855	8/10/2022	LTWD Petty Cash Fund	Engineering Dept Expenses	\$	193.57
10875	8/24/2022	Mobile Lab USA LLC	Safety Expenses	\$	185.00
4011	8/12/2022	Central Weld County Water District	Purchased Water Expenses	\$	180.08
4023	8/12/2022	Carter Lake Filter Plant	Capital Cost-Joint-CLFP 7MG Water Tank	\$	175.00
10863	8/10/2022	T & T OK Tire	Vehicle Expenses	\$	173.24
4015	8/12/2022	Carlson Hammond & Paddock	Water Resources General Legal	\$	171.50
10872	8/24/2022	KEITH JUNKER	Landscaping Incentives	\$	150.00
10847	8/10/2022	Bomgaars Supply	Uniforms Expenses	\$	129.99
10876	8/24/2022	Rocky Mtn Quick Lube	Vehicle Expenses	\$	129.41
4007	8/12/2022	Adobe Systems Incorporated	Computer Expenses.	\$	127.91
10880	8/24/2022	Trench Plate Rental Co	O & M Expenses	\$	118.36
10849	8/10/2022	Christy McCutchen	Office Expenses	\$	112.50
10850	8/10/2022	Dawnielle Clark	Office Expenses	\$	112.50
4038	8/25/2022	Jax Outdoor Gear	Uniforms Expenses	\$	99.00
10860	8/10/2022	Prairie Mountain Media	Office Expenses	\$	96.86
4017	8/12/2022	Carlson Hammond & Paddock	Retainage Payable-Non Pot	\$	57.00
10866	8/24/2022	Batteries Plus	Bldg/Grds Expenses	\$	53.48
10871	8/24/2022	Grainger	O & M Expenses	\$	45.12
10857	8/10/2022	Mac Equipment Inc	O & M Expenses	\$	40.36
4027	8/12/2022	XCEL Energy	Operations - Utilities	\$	40.33
4031	8/22/2022	City of Loveland Water & Power	Purchased Water Expenses	\$	32.87
10870	8/24/2022	Fastenal Company	Valve Repairs and Maintenance	\$	31.86
10874	8/24/2022	MI Sports	Uniforms Expenses	\$	30.00
10865	8/10/2022	Weld County Clerk & Recorder	Office Expenses	\$	28.00
4014	8/12/2022	Napa Auto Parts	Vehicle Expenses	\$	22.99



10881	8/24/2022 Whiteside's Boots	Uniforms Expenses	\$	21.99
4005	8/11/2022 XCEL Energy	Operations - Utilities	\$	15.89
4036	8/25/2022 Frontier Business Products	Service Contracts	\$	9.00
7046	8/30/2022 Verizon Wireless	Void	\$	-

<b>Total Operations</b>			<b>\$</b>	<b>571,113.91</b>
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### Payroll

2206	8/1/2022 EFTPS	Federal Withholding Tax Pay Period: 7/31/2022	\$	26,464.23
2207	8/1/2022 CDOR	CO State Withholding Tax Pay Period: 7/31/2022	\$	4,040.00
2208	8/1/2022 COLONIAL LIFE INSURANCE	Voluntary Life Pay Period: 7/31/2022	\$	440.49
2209	8/1/2022 COLORADO RETIREMENT ASSOCIATION	401 Contributions 401 LOAN Pay Period: 7/31/2022	\$	11,625.64
2210	8/1/2022 COLORADO RETIREMENT ASSOCIATION	457 Contributions 457 LOAN Pay Period: 7/31/2022	\$	8,502.65
2211	8/1/2022 Alerus	HEALTH SAVINGS ACCOUNT Pay Period: 7/31/2022	\$	2,118.38
2212	8/15/2022 EFTPS	Federal Withholding Tax Pay Period: 8/14/2022	\$	27,184.82
2213	8/15/2022 CDOR	CO State Withholding Tax Pay Period: 8/14/2022	\$	4,076.00
2214	8/15/2022 CEBT	Health Insurance Pay Period: 8/14/2022	\$	45,026.05
2215	8/15/2022 COLORADO RETIREMENT ASSOCIATION	401 Contributions Pay Period: 8/14/2022	\$	11,793.88
2216	8/15/2022 COLORADO RETIREMENT ASSOCIATION	457 Contributions Pay Period: 8/14/2022	\$	9,086.28
2217	8/15/2022 Alerus	HEALTH SAVINGS ACCOUNT Pay Period: 8/14/2022	\$	2,118.38
11875-11907	8/4/2022 Direct Depost	Pay Period Ending 7/31/2022	\$	69,250.14
11908	8/4/2022 Szmyd, William R	July Board Meeting	\$	103.44
11909	8/4/2022 Martens, Edward M	July Board Meeting	\$	106.62
11910	8/4/2022 Brandt, Larry R	July Board Meeting	\$	109.31
11911	8/4/2022 Brandenburg, Steven T	July Board Meeting	\$	103.35
11912	8/4/2022 McMurtrey, Emily J	July Board Meeting	\$	101.01
11913	8/4/2022 Walker, James J	July Board Meeting	\$	109.78
11914	8/4/2022 Heiland, Ryan M	July Board Meeting	\$	98.67
11915-11948	8/18/2022 Direct Depost	Pay Period Ending 8/14/2022	\$	72,218.89

<b>Total Payroll</b>			<b>\$</b>	<b>294,678.01</b>
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<b>Total Cash Disbursements</b>		<b>\$</b>	<b>865,791.92</b>
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# Agenda Item Summary

Little Thompson Water District

Date: September 202, 2022

Item Number: 5.4

Staff: Angela Diekhoff, Business Manager

**Subject:**

Discussion of the Financial Reports

**Staff Recommendation:**

Staff recommends acceptance of the August Financial Reports.

**Discussion:**

**OPERATING FUND:**

Operating Revenue – We have collected \$7,986,107 which is \$816,713 more than budgeted.

Operating Costs – We have spent \$7,730,461 which is \$518,789 less than budgeted.

Operating Gain (Loss) – We have an operating gain of \$1,072,359 which is \$1,335,502 more than budgeted.

**NON-OPERATING FUND:**

Non-Operating Revenue – We have collected \$4,209,050 which is \$412,400 more than budgeted.

Capital Costs – District – We have spent \$3,568,010 which is \$3,586,590 less than budget.

Detail of the year-to-date District Capital Projects:

Capital Costs – District	Actual YTD	YTD Budget	Annual Budget
County Rd Improvements	\$ 6,430	\$ 80,000	\$ 200,000
Service Connection Expense	138,784	134,400	201,600
Telemetry Improvements	23,126	55,000	175,000
Small Line Abandonment	-	48,600	75,000
West 1st St	268,843	400,000	400,000
Beacon Meter Upgrade Project	9,616		-
Non-Potable System	-	45,000	45,000
Northeast Transmission Line	154,315	2,000,000	3,000,000
5MG Twin Mounds Tank Coating	965,378	825,000	825,000
Loveland/Campion Conversion	145,991	385,500	1,520,000
54 Bridge-Waterline Relocation	-	488,400	732,600
Dry Creek Feasibility	-	35,000	35,000
Buckhorn Pump Station	15,202	42,000	42,000
<b>Total Capital Projects</b>	<b>\$ 1,727,685</b>	<b>\$ 4,538,900</b>	<b>\$ 7,251,200</b>
Vehicle Replacement Program	48,073	90,000	90,000
Furn & Equip Replacement	8,327	7,500	10,000
Miscellaneous Equipment	22,732	31,200	39,000
Ops Equipment Replacement	20,185	55,000	55,000
<b>Total Vehicles and Equipment</b>	<b>\$ 99,317</b>	<b>\$ 183,700</b>	<b>\$ 194,000</b>
Water Rights - CBT	540,000	700,000	700,000
Water Rights - Other	1,050,000	1,050,000	1,050,000
Water Resources Gen Eng	100,698	200,000	300,000
Water Resources Gen Legal	42,724	132,000	200,000
Raw Water Infrastructure	7,586	350,000	950,000
<b>Total Water Rights</b>	<b>\$ 1,741,007</b>	<b>\$ 2,432,000</b>	<b>\$ 3,200,000</b>
<b>Total Capital Costs – District</b>	<b>\$ 3,568,010</b>	<b>\$ 7,154,600</b>	<b>\$ 10,645,200</b>

Capital Costs - Joint: We have spent \$488,745 which is \$632,755 less than budgeted.

Detail of the year-to-date Joint Capital Projects:

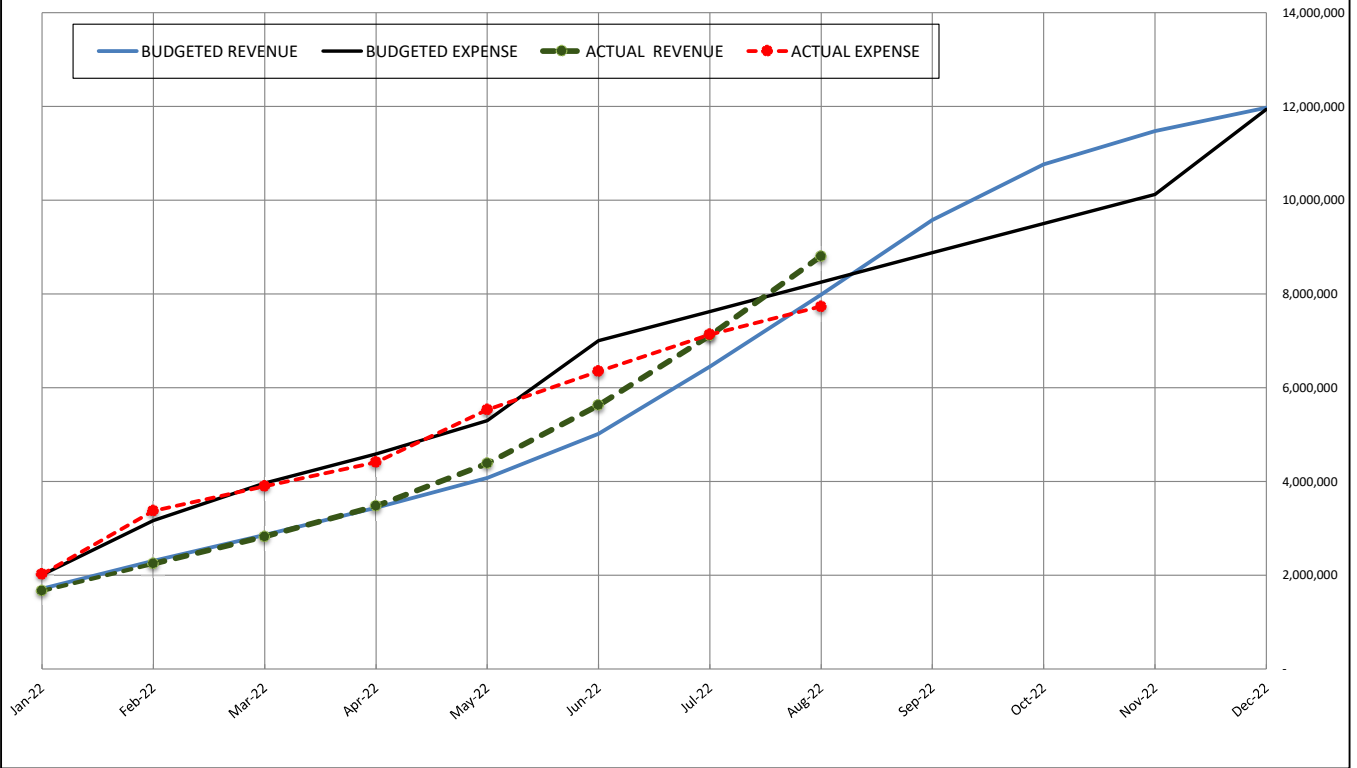
<b>Capital Costs – Joint</b>	<b>Actual YTD</b>	<b>YTD Budget</b>	<b>Annual Budget</b>
CLFP Capital Upgrades	\$ 2,440	\$ -	\$ -
CLFP Membrane Replacement	\$ 4,531	\$ -	
Dry Creek-Joint Cost	\$ 85		
Dry Creek-Joining-Monitoring Sys	\$ -	\$ 25,000	\$ 25,000
CLFP 7 MG Water Tank	\$ 157,321	\$ -	\$ -
Pretreatment Design	324,368	1,096,500	1,156,500
Pretreatment Construction	-	-	500,000
<b>Total Capital Projects</b>	<b>\$ 488,745</b>	<b>\$ 1,121,500</b>	<b>\$ 1,681,500</b>

Non-Operating Gain (Loss) – We have a net non-operating gain of 152,295 which is \$4,631,745 more than budgeted.

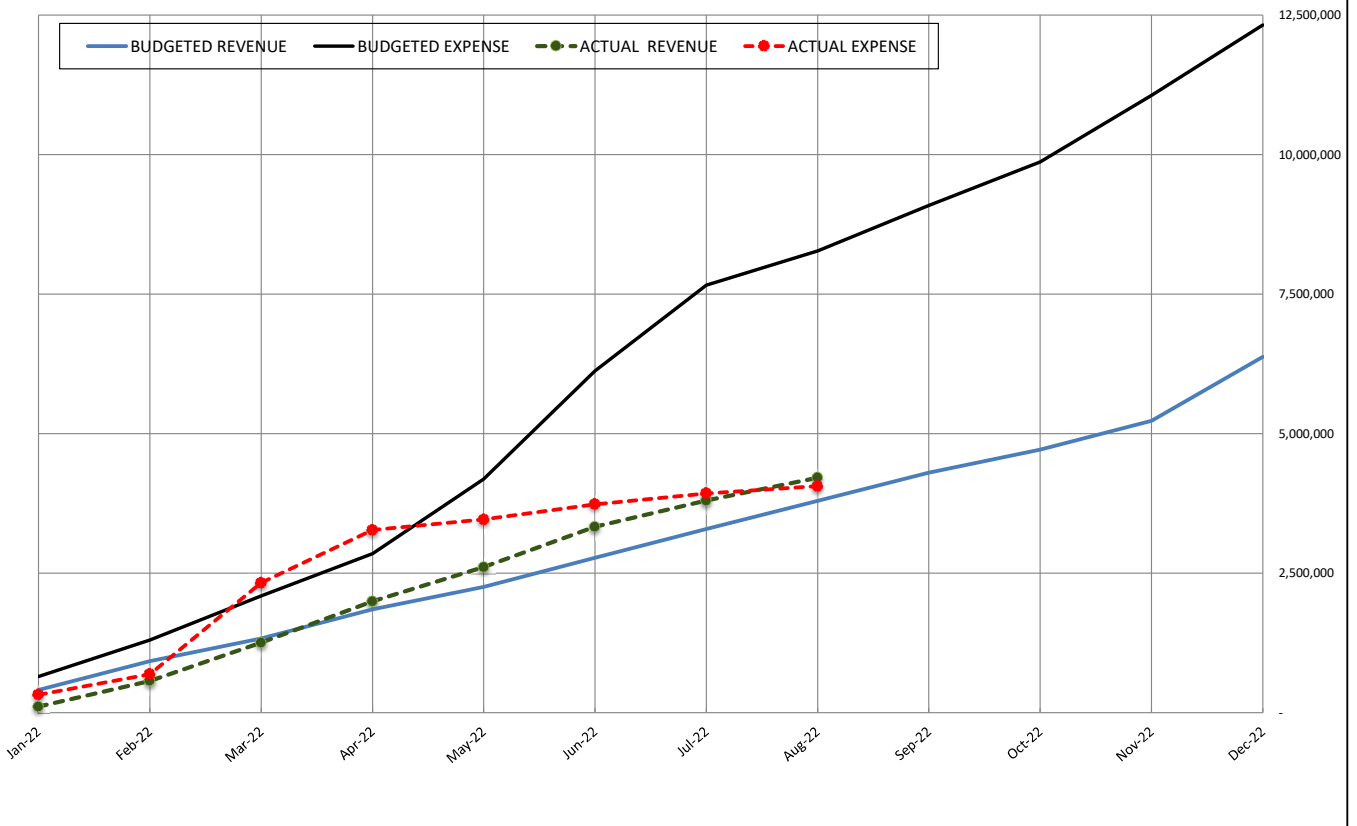
**CHANGE IN WORKING CAPITAL:**

<b>Year-To-Date Change in Working Capital</b>				
	<b>Actual</b>	<b>Budget</b>	<b>Budget/Actual Comparison</b>	<b>Approved Budget</b>
Operating Gain ( Loss)	1,072,359	(263,143)	1,335,502	33,842
Non-Operating Gain (Loss)	152,295	(4,479,450)	4,631,745	(5,952,250)
<b>Total Gain (Loss)</b>	<b>\$ 1,224,654</b>	<b>\$ (4,742,593)</b>	<b>\$ 5,967,247</b>	<b>\$ (5,918,408)</b>

### 2022 OPERATING REVENUE & EXPENSE CUMULATIVE

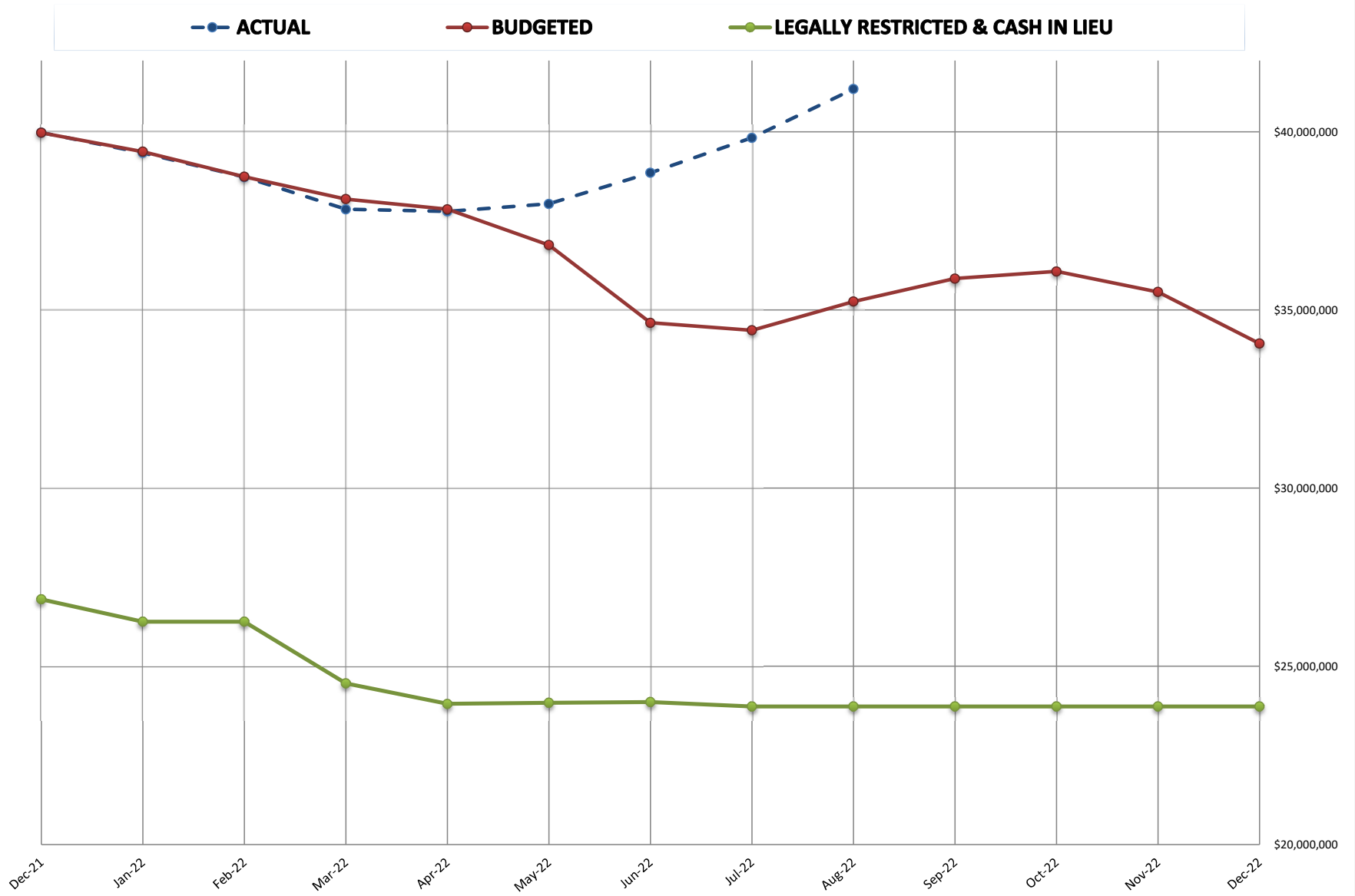


### 2022 NON OPERATING REVENUE & EXPENSE CUMULATIVE





## LITTLE THOMPSON WATER DISTRICT 2022 WORKING CAPITAL GRAPHICAL COMPARISON



**LITTLE THOMPSON WATER DISTRICT**

**BALANCE SHEET**

**August 31, 2022**

	Prior Month	YTD 2022	Actual 2021
<b>CURRENT ASSETS</b>			
Board Designated Reserves	\$ 18,341,010	\$ 19,353,370	\$ 15,829,002
Legally Restricted Cash	\$ 23,062,155	\$ 23,062,155	\$ 24,556,417
Cash In Lieu	\$ 808,500	\$ 808,500	\$ 2,324,600
<b>Total Cash &amp; Cash Equivalents</b>	<b><u>\$ 42,211,666</u></b>	<b><u>\$ 43,224,025</u></b>	<b><u>\$ 42,710,019</u></b>
<b>ACCOUNTS RECEIVABLE</b>			
A/R - Water Revenue	\$ 1,522,519	\$ 1,517,287	\$ 657,667
A/R - Misc Revenue	\$ 55,134	\$ 203,507	\$ 272,111
Accrued Int Receivable	\$ 9,530	\$ 7,337	\$ 3,798
Projects Passthrough Projects	\$ 43,489	\$ 44,538	\$ 4,624
<b>Total Accounts Receivable</b>	<b><u>\$ 1,630,672</u></b>	<b><u>\$ 1,772,669</u></b>	<b><u>\$ 938,200</u></b>
<b>OTHER ASSETS</b>			
Inventory	\$ 304,263	\$ 297,632	\$ 253,008
Prepaid Expenses	\$ 24,705	\$ 24,705	\$ 24,705
<b>Total Other Assets</b>	<b><u>\$ 328,968</u></b>	<b><u>\$ 322,337</u></b>	<b><u>\$ 277,713</u></b>
<b>CAPITAL ASSETS</b>			
Filter Plant - Joint Venture	\$ 3,269,178	\$ 3,269,178	\$ 3,269,178
Dry Creek Reservoir Dam	\$ 7,432,221	\$ 7,432,221	\$ 7,432,221
Land - Dry Creek Reservoir	\$ 6,508,922	\$ 6,508,922	\$ 6,508,922
Distribution System	\$ 78,052,575	\$ 78,052,575	\$ 78,061,585
Land & Easements	\$ 2,361,148	\$ 2,361,148	\$ 2,361,148
CLFP - Depreciable Asset	\$ 11,190,325	\$ 11,190,325	\$ 11,190,325
Vehicles, Field & Office Equipment	\$ 3,120,037	\$ 3,120,037	\$ 3,120,037
Construction in Progress	\$ 11,608,142	\$ 11,608,142	\$ 11,599,132
Accumulated Depreciation	\$ (35,821,410)	\$ (35,821,410)	\$ (35,821,410)
Water Rights	\$ 107,102,679	\$ 107,102,679	\$ 107,102,679
<b>Total Capital Assets</b>	<b><u>\$ 194,823,819</u></b>	<b><u>\$ 194,823,819</u></b>	<b><u>\$ 194,823,819</u></b>
<b>Total Assets</b>	<b><u>\$ 238,995,124</u></b>	<b><u>\$ 240,142,850</u></b>	<b><u>\$ 238,749,751</u></b>
<b>CURRENT LIABILITIES</b>			
A/P - Supplies	\$ 772,612	\$ 673,242	\$ 682,685
Wages Payable	\$ 765,123	\$ 642,619	\$ 464,730
Bond/Loan Interest Payable	\$ 11,983	\$ 11,983	\$ 11,983
Current Portion Long Term Debt	\$ 1,126,564	\$ 1,126,564	\$ 1,126,564
<b>Total Current Liabilities</b>	<b><u>\$ 2,676,282</u></b>	<b><u>\$ 2,454,407</u></b>	<b><u>\$ 2,285,961</u></b>
<b>LONG TERM LIABILITIES</b>			
Bonds & Notes Payable	\$ 32,109,778	\$ 32,109,778	\$ 32,109,778
Unamortized Premiums - Discounts	\$ 517,437	\$ 517,437	\$ 517,437
<b>Total Long Term Liabilities</b>	<b><u>\$ 32,627,215</u></b>	<b><u>\$ 32,627,215</u></b>	<b><u>\$ 32,627,215</u></b>
<b>Total Liabilities</b>	<b><u>\$ 35,303,497</u></b>	<b><u>\$ 35,081,622</u></b>	<b><u>\$ 34,913,176</u></b>
<b>NET ASSETS</b>			
NET ASSETS	\$ 203,836,574	\$ 203,836,574	\$ 197,181,633
Net Revenue Over Expenses	\$ (144,947)	\$ 1,224,654	\$ 6,654,941
<b>Total Equity</b>	<b><u>\$ 203,691,627</u></b>	<b><u>\$ 205,061,228</u></b>	<b><u>\$ 203,836,574</u></b>
<b>TOTAL LIABILITIES AND EQUITY</b>	<b><u>\$ 238,995,124</u></b>	<b><u>\$ 240,142,850</u></b>	<b><u>\$ 238,749,751</u></b>

**LITTLE THOMPSON WATER DISTRICT  
INCOME AND EXPENSE SUMMARY  
FOR MONTH ENDING AUGUST 31, 2022**

	Current Month Actual	Current Month Budget	Month Comp Bud/Act	2022 YTD Actual	2022 YTD Budget	YTD Comp Bud/Act	2022 Adopted Budget
<b>OPERATING REVENUE</b>							
Water Revenue Base Fee	300,407	290,650	9,757	2,358,726	2,269,172	89,554	3,449,772
Water Revenue Tier I	171,048	139,750	31,298	967,791	867,700	100,091	1,340,575
Water Revenue Tier II	380,638	297,500	83,138	1,436,943	1,028,120	408,823	1,869,825
Water Revenue Tier III	281,305	300,300	(18,995)	873,248	791,500	81,748	1,328,350
Water Revenue Tier IV	201,310	220,275	(18,965)	855,000	876,075	(21,075)	1,375,775
Water Revenue Tier V	178,789	206,700	(27,911)	548,957	527,400	21,557	762,400
Water Surcharge	16,907	6,000	10,907	19,924	6,000	13,924	40,000
Water Revenue Wholesale	40,085	35,000	5,085	225,640	237,000	(11,360)	342,000
Water Revenue Rental	0	10,000	(10,000)	47,129	35,000	12,129	35,000
Bulk Water Revenue	108,399	25,000	83,399	258,280	153,000	105,280	218,000
Other Revenue	9,260	5,025	4,235	56,181	40,140	16,041	55,985
Windy Gap Firming Passthrough	-	-	-	1,155,000	1,155,000	-	1,155,000
<b>Total Operating Revenue</b>	<b>1,688,149</b>	<b>1,536,200</b>	<b>151,949</b>	<b>8,802,820</b>	<b>7,986,107</b>	<b>816,713</b>	<b>11,972,682</b>
<b>OPERATING EXPENSES</b>							
Water Treatment	117,640	145,263	(27,623)	1,050,087	916,490	133,597	1,488,322
System Maintenance	79,400	77,050	2,350	527,380	659,900	(132,520)	960,350
Administration and General	78,447	56,630	21,817	555,660	627,627	(71,967)	842,682
Engineering	10,588	18,876	(8,288)	55,073	143,375	(88,302)	200,210
Assessments	3,301	600	2,701	1,956,702	1,995,600	(38,898)	1,998,000
Joint Operations	2,741	1,300	1,441	25,742	21,675	4,067	26,275
St Vrain Authority Operations	-	-	-	-	60,000	(60,000)	60,000
Wages & Benefits	306,841	326,312	(19,471)	2,856,516	2,716,281	140,235	4,025,697
Bond & Loan Payments	-	-	-	703,303	1,108,302	(404,999)	2,337,304
<b>Total Operating Expenses</b>	<b>598,959</b>	<b>626,031</b>	<b>(27,072)</b>	<b>7,730,461</b>	<b>8,249,250</b>	<b>(518,789)</b>	<b>11,938,840</b>
<b>Operating Gain(Loss)</b>	<b>1,089,190</b>	<b>910,169</b>	<b>179,021</b>	<b>1,072,359</b>	<b>(263,143)</b>	<b>1,335,502</b>	<b>33,842</b>
<b>NON OPERATING REVENUE</b>							
Plant Investment Fees	163,300	260,000	(96,700)	2,682,600	2,080,000	602,600	3,120,000
Cash in Lieu of Water Rights	167,900	87,500	80,400	882,500	700,000	182,500	1,050,000
NonRes Cash in Lieu of Water	-	100,000	(100,000)	-	500,000	(500,000)	700,000
Water Resource Fee	15,500	24,000	(8,500)	244,500	192,000	52,500	288,000
Tap Installation Revenue	16,100	18,000	(1,900)	169,210	144,000	25,210	216,000
Interest Income	29,465	12,500	-	117,658	100,000	17,658	150,000
Native Water Dedication Fee	-	-	-	-	12,000	(12,000)	24,000
Gain (Loss) Sale of Asset	-	-	-	-	7,500	(7,500)	7,500
Contrib Water Court	-	-	-	-	-	-	-
Capital Investment/Impact Fee	-	-	-	-	-	-	-
Passthrough Revenue	-	-	-	-	-	-	732,600
Other Fees	17,794	7,300	10,494	112,582	61,150	51,432	86,350
Windy Gap Firming Project	-	-	-	-	-	-	-
Windy Gap Firming Assessments	-	-	-	-	-	-	-
<b>Total Non Operating Revenue</b>	<b>410,059</b>	<b>509,300</b>	<b>(116,206)</b>	<b>4,209,050</b>	<b>3,796,650</b>	<b>412,400</b>	<b>6,374,450</b>
<b>NON OPERATING EXPENSES</b>							
Capital Improvements - District	114,602	526,400	(411,798)	1,727,685	4,538,900	(2,811,215)	7,251,200
Vehicles & Equipments Costs	5,781	-	5,781	99,317	183,700	(84,383)	194,000
Water Right Purchases	-	-	-	1,590,000	1,750,000	(160,000)	1,750,000
Water Rights - Windy Gap	-	-	-	-	-	-	-
Water Rights Adjudication	3,683	41,500	(37,817)	151,007	682,000	(530,993)	1,450,000
St Vrain Authority Treatment	-	-	-	-	-	-	-
<b>Total Capital Costs - District</b>	<b>124,067</b>	<b>567,900</b>	<b>(443,833)</b>	<b>3,568,010</b>	<b>7,154,600</b>	<b>(3,586,590)</b>	<b>10,645,200</b>
Capital Improvements - Joint	5,581	45,000	(39,419)	488,745	1,121,500	(632,755)	1,681,500
<b>Total Non Operating Expenses</b>	<b>129,648</b>	<b>612,900</b>	<b>(483,252)</b>	<b>4,056,755</b>	<b>8,276,100</b>	<b>(4,219,345)</b>	<b>12,326,700</b>
<b>Non Operating Gain(Loss)</b>	<b>280,411</b>	<b>(103,600)</b>	<b>367,046</b>	<b>152,295</b>	<b>(4,479,450)</b>	<b>4,631,745</b>	<b>(5,952,250)</b>
<b>Net Revenue Over Expenses</b>	<b>1,369,601</b>	<b>806,569</b>	<b>546,067</b>	<b>1,224,654</b>	<b>(4,742,593)</b>	<b>5,967,247</b>	<b>(5,918,408)</b>

# Agenda Item Summary

Little Thompson Water District

Date: September 22, 2022

Item: 6.1

Staff: Amber Kauffman, District Manager

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**Subject:** Carter Lake Filter Plant (CLFP)

**Staff Recommendation:** Informational only

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### **Manager's Meeting**

Stan, Rick, Josh, Bob, and I met directly ahead of the CLFP board meeting to discuss the water quality concerns at Dry Creek. It was decided that the goal of the reservoir management should be to be able to treat Dry Creek water year-round at 7 MGD capacity. The three primary issues listed in order of importance are: hardness, sulfate, and Total Organic Carbon (TOC).

1. Hardness can be resolved with blending with higher quality water; Reverse Osmosis treatment; cation exchange treatment; or lime/soda ash softening.
2. Sulfate can be resolved with blending with higher quality water; reverse osmosis treatment; anion exchange through absorptive media; or distillation of the water.
3. TOC can be treated with different chemicals, aeration, absorptive media (granular or powder activated carbon, aka GAC or PAC) and potentially ultrasonic systems.

The team discussed the need for a reservoir management plan and tasked LTWD with finding a consultant to develop that management plan. The path to investigate for treatment options at the plant is blending and utilizing the old north plant for a softening/ion exchange with absorptive media. The group thought with the right people on board, a solution could potentially be in place in a year with blending being the temporary solution. Additionally, Stan and I asked Rick to run Dry Creek water at the lower flow rate to see what happens to our disinfection biproduct levels (DBP's). One higher number in the year won't trigger a violation as the maximum contaminant level (MCL) is averaged over the year and we generally are half of the MCL.

### **Pretreatment**

Josh provided Rick and the Board a more detailed proposal for the meeting on September 7 which included a more detailed look at the hours of work proposed and the people involved as well as a schedule. The schedule provided was for a design-bid-build approach with a modified option for having two contractors with the first only doing excavation and buried piping and the second contractor tackling the remaining work. The board went into executive session to discuss and came out with the approval of Josh's contract.

### **General Plant Info**

The plant engaged Karla Kinser with Kinser Membrane Solutions to assist with the troubleshooting of their issues at the North Plant. In particular, they have had fouling issues

with cell 6. The potential issue is the lower dose of chlorine cleaning that is being performed as opposed to the optimal dose. The optimal dose will result in better cleaning and therefore longer run times; however, the system valves that are installed do not tolerate that high of a dose. Rick is proposing to replace the valves in the next year to increase run times.

Rick presented a retirement bonus policy that was different from the one approved by the board earlier. Generally, the thought was to say thank you to anyone who worked at least 15 years at the plant instead of tying it to a tenure/age requirement of 70 years. After board discussion, Rick was asked to provide a healthier retention plan (bonuses for maintaining employment) and a retirement plan and budgeting for both. Both boards thought it also important for the Districts to talk about the same retention programs.

# Agenda Item Summary

Little Thompson Water District

Date: September 22, 2022

Item: 6.2

Staff: Amber Kauffman, District Manager

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**Subject:** St. Vrain Water Authority (SVWA)

**Staff Recommendation:** Informational only

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**Discussion:**

The most recent meeting for the SVWA was held September 12. The following summarizes the action items, discussion items, and reports.

Action Items included:

- Review of an invoice from 2021 from Firestone to the SVWA. The invoice was to reimburse the town for LTWD's subscription fee. The invoice will need adjusted and reissued so the topic was tabled until next month. Also discussed was the need to start reviewing and approving disbursements by the board and a desire to see the balance sheet and how year to date expenses compare to annual budget.
- Resolution 2022-05 for Approval of Contract for Installation of Telephone System was tabled until the next meeting due to some questions about some of the itemized charges on the proposal from the consultant.

Discussion topics included the 2023 budget. Current budget indicates a likely cost to LTWD of nearly \$64,000 for operations and administration charges for the plant for next year and a potential for \$5,000 for a budget shortfall (starting a reserve account). I believe the budgeting and invoices will resolve some of the potential shortfalls; however, the accounting of the authority needs to be engaged at a higher level for efficiency.

Reports generally centered around the status of the water treatment plant, injection facilities, and the Request for Proposals (RFP) for administration services. The treatment plant is still anticipating a TCO in mid-October at which time commissioning of equipment can start. The injection well, however, had an initial startup phase in which all the pumps were briefly tested. There was one issue that needs resolved and then a formal start-up will be scheduled. The EPA (who issues the injection permit) came to the Town unannounced for an inspection of the facilities. Everything was in good order and no concerns were expressed. The group decided to keep the injection permit in the Town of Firestone's name because the EPA had never transferred the name of a permit for a disposal well according to the representatives that came for the site inspection.

The RFP for administration services has not been issued yet, but an example has been sent from Tim Flynn, the attorney, to Dave Lindsey, the secretary of the board.



# Agenda Item Summary

Little Thompson Water District

Date: September 11, 2022

Item: 6.3

Staff: Amber Kauffman, District Manager

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**Subject:** Windy Gap Firing Project

**Staff Recommendation:** Informational only

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**Discussion:**

Colorado River Connectivity Channel (CRCC) – NRCS official approval signatures have been inked for full funding. The next steps with the NRCS include a partnering agreement required for the funding of the project. This will outline Northern’s responsibilities for long term maintenance of the reservoir and channel.

There was a groundbreaking on August 23 for the project in which Senator Bennet attended. Work expected this and next year, even with a late start to construction, includes major earthworks. Further fine grading and revegetation is expected in 2024 with fishing anticipated to be open to the public in 2026 after vegetation and aquatic life are reestablished.

Chimney Hollow –Generally, the project continues to fall within the early completion schedule meaning that the critical path items are on schedule. The critical path item currently is the grout program, which is taking much more time than expected. However, it appears from initial testing that the grout is creating an acceptable low permeability boundary for the water seepage, reducing concerns from the engineer. Additional testing is to be done to confirm this low permeability.

Current issues continue to be the dam foundation quantities, which are expected to result in a \$5 million to \$10 million change order due to the higher-than-expected rock elevations and thicker plinth sections. The contractor suggests that the required extra thickness is due to the rock formation, and the engineer suggests that the extra thickness is due to the contractor’s means and methods. Additionally, the density of the dam embankment is higher than anticipated, meaning that more rock may be needed from the quarry than originally anticipated. Current estimates are 1.3 million cubic yards, which has potential to significantly impact budget.



The Bald Mountain Tunnel connection valve was set and the building walls are complete. The next step is the roof, but it is waiting on the delivery of a large wye that requires a police escort all the way to the site from Texas due to its size. The vault needs to be completed by September 19 for the scheduled shutdown of the tunnel. 72-inch pipeline (shown) for the conveyance of water between the valve house and the reservoir is being installed. The tie-in of the valve house will require a shutdown of the pipeline that brings the C-BT water to Flatiron Reservoir. This shutdown and another scheduled shutdown will reduce the amount of water that is able to be delivered from the west slope to the east slope, thereby increasing the potential for Granby to spill and less chance to deliver Windy Gap water to the east slope.

Dam foundation is nearly 82% complete, plinth construction is nearly 57% complete, and the downstream outlet tunnel is 97% complete (as of August 30).

WGFP Enhancement Donor Fund Advisory Committee - The Advisory Committee met again and resulted in a request for letters of



interest to be submitted by September 9. Applications would then be due November 4.

WGFP Mitigation Enhancements

There are 3 specific ideas that Northern is evaluating to assist in mitigating nutrient loading into the three lakes system (Grand Lake, Shadow Mountain Lake, and Granby Lake). Northern is hoping to have a

feasibility level cost estimate for improvements to wastewater plants and C Lazy U Ranch to assist in the nutrient reduction by the end of the year. Northern staff was to meet with the Bureau of Reclamation the week of September 5.

# Agenda Item Summary

Little Thompson Water

District Date: September 22, 2022

Item: 6.4 Public Hearing Action Item

Staff: Judy O'Malley, Administrative Assistant

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**Subject:** LTWD Larimer County Inclusions – Resolution 2022-24  
LTWD Larimer County Exclusions – Resolution 2022-25  
LTWD Weld County Exclusions - Resolution 2022-26

**Staff Recommendation:** Staff recommends approval authorizing the Board President and Secretary to complete the documents required to exclude the properties, as listed below, to the Little Thompson Water District.

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**Discussion:** The exclusions for the properties listed below are being done to comply with District Rules and Regulations. See the attached location maps.

LITTLE THOMPSON WATER DISTRICT  
835 E. HIGHWAY 56  
Berthoud, Colorado 80513  
970-532-2096

**RESOLUTION 2022-24**

A RESOLUTION TO GRANT PETITIONS  
FOR PROPERTY INCLUSION INTO THE  
LITTLE THOMPSON WATER DISTRICT

**"RESOLVED** that **LITTLE THOMPSON WATER DISTRICT** grant the Petitions for Inclusion of Land into the District by the following property owners of the properties described as follows:

Property Owner: Robin Jonathan Baas & Jennifer Baas  
Parcel Number: 9406000001  
Property Address: 5461 Windemere Rd., Loveland, CO 80537  
Legal Description: BEG AT SE COR 6-4-69, N 1 0' 2" W 2559.87 FT TPOB, N 1 0' 2" W 91.86 FT TO E 1/4 COR, N 1 0' 2" W 1218.01 FT, S 88 59' 58" W 1273.3 FT, S 2 44' 20" E 1212.45 FT, N 89 16' 59" E 1236.54 FT TO E LN TPOB (CONT 35 AC M/L), COUNTY OF LARIMER, STATE OF COLORADO

Property Owner: Heather DeCino & Adam Meaders  
Parcel Number: 0636200016  
Property Address: 5527 Glade Rd., Loveland, CO 80538  
Legal Description: PAR IN NW 1/4 36-6-70 BEG AT PT ON C/L CO RD WH BEARS S 89 56' E 1290.23 FT, S 16 14' E 509.25 FT FROM NW COR, TH ALG SD C/L S 16 14' E 171.95 FT, N 89 52' W 660 FT, N 16 14' W 171.95 FT, S 89 52' E 660 FT TPOB (C22S89, COUNTY OF LARIMER, STATE OF COLORADO

Property Owner: Jacob E. Schwarz & Jessica L. Schwarz  
Parcel Number: 9521108001  
Property Address: 104 Namaqua Rd., Loveland, CO 80537  
Legal Description: LOT 1, BLK 4, SUNNYSLOPE ACRES 3RD, COUNTY OF LARIMER, STATE OF COLORADO

for the inclusion of their properties in said District. It is resolved that the President and Secretary of the District do any and all things necessary to include such properties into the District."

"I hereby certify that the above Resolution was duly and regularly adopted by the Little Thompson Water District at a meeting of the Board of Directors held on September 22, 2022."

\_\_\_\_\_  
President

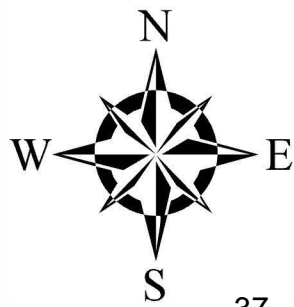
Attest: \_\_\_\_\_  
Secretary

[SEAL]





# LTWD INCLUSION: ROBIN & JENNIFER BASS

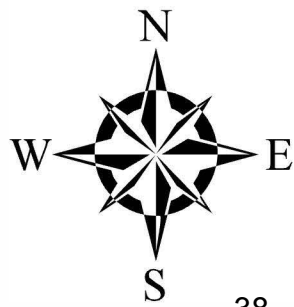






5527 Glade Rd  
Loveland, CO  
Parcel: 0636200016

# LTWD INCLUSION: HEATHER DeCINO & ADAM MEADOWS

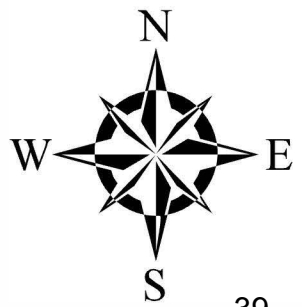






104 Namaqua Rd  
Loveland, CO  
Parcel: 9521108001

# LTWD INCLUSION: JACOB & JESSICA SCHWARZ



LITTLE THOMPSON WATER DISTRICT  
835 E. HIGHWAY 56  
Berthoud, Colorado 80513  
970-532-2096

**RESOLUTION 2022-25**

A RESOLUTION TO GRANT PETITIONS  
FOR PROPERTY EXCLUSION FROM THE  
LITTLE THOMPSON WATER DISTRICT

**"RESOLVED** that **LITTLE THOMPSON WATER DISTRICT** grant the Petitions for Exclusion of Land from the District by the following property owners of the properties described as follows:

Property Owner: Meadows Simple Living Community Development LLC  
Parcel Number: 9415000001  
Property Address: 721 N. Berthoud Parkway, Berthoud, CO 80513  
Legal Description: S 1/2 OF S 1/2 OF NE 1/4 OF SE 1/4, 15-4-69, BER, COUNTY OF LARIMER, STATE OF COLORADO

Property Owner: South Village LLC  
Parcel Number: 9525200003  
Property Address: 465 14<sup>th</sup> St., SE, Loveland, CO 80537  
Legal Description: POR OF PARCEL A, SOUTH VILLAGE FIRST ADD (LOV) BEG AT NW COR OF SD PARC A; TH N 89 26' E 122.28 FT TPOB; TH S 00 03' 32" E 1.24 FT TO BEG OF CUR CONCV SE, C/A 26 29 55, RAD 143, ARC 66.14, L/C S 76 32, PER EXHIBIT A, COUNTY OF LARIMER, STATE OF COLORADO

for the exclusion of their properties from said District. It is resolved that the President and Secretary of the District do any and all things necessary to exclude such properties from the District."

"I hereby certify that the above Resolution was duly and regularly adopted by the Little Thompson Water District at a meeting of the Board of Directors held on September 22, 2022."

\_\_\_\_\_  
President

Attest: \_\_\_\_\_  
Secretary

[SEAL]

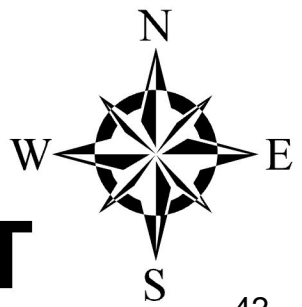
## EXHIBIT A

POR OF PARCEL A, SOUTH VILLAGE FIRST ADD (LOV) BEG AT NW COR OF SD PARC A; TH N 89 26' E 122.28 FT TPOB; TH S 00 03' 32" E 1.24 FT TO BEG OF CUR CONCV SE, C/A 26 29 55, RAD 143, ARC 66.14, L/C S 76 32' 06" W 65.55 FT; TH ALG CUR CONCV SE, C/A 19 37 07, RAD 93, ARC 31.84, L/C S 53 28' 35" W 31.69 FT; TH ALG CUR CONCV SE, C/A 20 05 20, RAD 153.5, ARC 53.82, L/C S 33 37 20" W 53.54 FT TO PT ON W LN OF SD PARC A; TH S 03 05' 42" E 51.88 FT; TH S 03 05' 53" E 310.79 FT; TH S 08 04' 48" E 114.43 FT; TH S 11 08' 44" E 131.70 FT; TH N 89 26' E 1236.76 FT TO PT ON SRLY PROLNG OF W LN OF PARC B, SOUTH VILLAGE FIRST ADD; TH N 00 14' 57" W 683.96 FT TO PT ON NRLY LN OF SD PARC A; TH ALG NRLY LN S 89 29' 03" W 49.29 FT; TH S 89 26' W 1126.77 FT TPOB;





# LTWD EXCLUSION: MEADOWS SIMPLE LIVING COMMUNITY DEVELOPMENT







465 12th St SE  
Loveland, CO  
Parcel: 9525200003

14TH-ST-SE

S-LINCOLN-AVE

# LTWD EXCLUSION: SOUTH VILLAGE LLC



LITTLE THOMPSON WATER DISTRICT  
 835 E. HIGHWAY 56  
 Berthoud, Colorado 80513  
 970-532-2096

**RESOLUTION 2022-26**

A RESOLUTION TO GRANT PETITIONS  
 FOR PROPERTY EXCLUSION FROM THE  
 LITTLE THOMPSON WATER DISTRICT

**"RESOLVED** that **LITTLE THOMPSON WATER DISTRICT** grant the Petitions for Exclusion of Land from the District by the following property owners of the properties described as follows:

Property Owner: Vista Ag LLC  
 Parcel Number: 106102300002  
 Property Address: N/A  
 Legal Description: PT SW4 2 4 68 COMM CEN COR S00D23E 496.66 S89D36W 187.16 THENCE ALNG CURVE R (R=810 CH=N84D29W 166.32) N01D04W 475.69 N88D59E 193.03 S00D20E 104 S88D59W 104.72 S00D20E 104 N88D59E 209.44 N00D20W 208 N88D59E 60.66 TO POB, COUNTY OF WELD, STATE OF COLORADO

Property Owner: Vista Ag LLC  
 Parcel Number: 106102300003  
 Property Address: N/A  
 Legal Description: PT SW4 2 4 68 COMM CEN COR S88D05W 60.66 TO POB S00D20E 104 S88D59W 104.72 N00D20W 104 N88D59E 104.72 TO POB, COUNTY OF WELD, STATE OF COLORADO

Property Owner: Vista Ag LLC  
 Parcel Number: 106102300004  
 Property Address: N/A  
 Legal Description: PT SW4 2 4 68 COMM CEN COR S88D05W 60.66 S00D20E 104 TO POB S00D20E 104 S88D59W 104.72 N00D20W 104 N88D59E 104.72 TO POB, COUNTY OF WELD, STATE OF COLORADO

Property Owner: Vista Ag LLC  
 Parcel Number: 106102300005  
 Property Address: N/A  
 Legal Description: PT SW4 2 4 68 COMM CEN COR S88D05W 165.38 S00D20E 104 TO POB S00D20E 104 S88D59W 104.72 N00D20W 104 N88D59E 104.72 TO POB, COUNTY OF WELD, STATE OF COLORADO

Property Owner: Vista Ag Properties LLC  
 Parcel Number: 106102300006  
 Property Address: 4187 Highway 60, Johnstown, CO 80534  
 Legal Description: PT SW4 2 4 68 COMM S4 COR N00D23W 121.18 S89D00W 749.01 TO POB S89D00W 80 N00D46W 191.46 THENCE ALNG CURVE L (R=470 CH=N20D21W 315.13) N50D03E 80 THENCE ALNG CURVE L (R=550 CH=N50D03W 193.12) N60D09W 82.39 N02D34W 606.66 S89D43W 327.72 N86D23W 118.31 THENCE ALNG CURVE R (R=705 CH=N49D45E 1161.16) S74D48E 255.26 THENCE ALNG CURVE L (R=890 CH=S77D54E 96.40) N08D59E 80 THENCE ALNG CURVE L (R=810 CH=S85D41E 132.44) N89D36E 187.16 S00D23E 1302.09 S89D36W 211.63 THENCE ALNG CURVE L (R=880 CH=S71D23W 550.14) S53D10W 132.25 THENCE ALNG CURVE R (R=550 CH=S17D13E 311.69) S00D46E 191.14 TO POB, COUNTY OF WELD, STATE OF COLORADO

Property Owner: Vista Ag LLC  
 Parcel Number: 106102300007  
 Property Address: N/A  
 Legal Description: PT SW4 2 4 68 COMM S4 COR N00D23W 121.18 TO POB S89D00W 749.01 N00D46W 191.14 THENCE ALNG CURVE L (R=550 CH=N17D13W 311.69) N53D10E 132.25 THENCE ALNG CURVE R (R=880 CH=N71D23E 550.14) N89D36E 211.63 S00D23E 731.99 TO POB, COUNTY OF WELD, STATE OF COLORADO

Property Owner: Vista Ag LLC  
 Parcel Number: 106102300008  
 Property Address: N/A  
 Legal Description: PT SW4 2 4 68 COMM S4 COR N00D23W 121.18 S89D00W 829.02 TO POB S89D00W 479.97 N00D34W 283.86 S89D25W 252.70 THENCE ALNG CURVE L (R=1090 CH=N24D13W 536.99) N55D45E 320.60 N55D45E 80 THENCE ALNG CURVE L (R=705 CH=N19D57W 347.89) S86D23E 118.31 N89D43E 327.72 S02D34E 606.66 S60D09E 82.39 THENCE ALNG CURVE R (R=470 CH=S50D03E 193.12) S50D03W 80 THENCE ALNG CURVE R (R=470 CH=S20D21E 315.13) S00D46E 191.46 TO POB, COUNTY OF WELD, STATE OF COLORADO

Property Owner: Vista Ag Properties LLC  
 Parcel Number: 106102300011  
 Property Address: N/A  
 Legal Description: PT SW4 2-4-68 COMM S4 COR N00D23W 121.18 S89D00W 1308.98 TO POB S89D00W 367.94 S01D00E 23.80 S88D59W 545.65 N82D39W 146.88 N14D27W 955.31 N00D31W 1322.17 THENCE ALNG CURVE L (R=5780 CH=N01D56W 281.12) N88D59E 2252.86 S01D04E 475.69 THENCE ALNG CURVE L (R=810 CH=S79D48E 34.02) S08D59W 80 THENCE ALNG CURVE R (R=890 CH=N77D54W 96.40) N74D48W 255.26 THENCE ALNG CURVE L (R=705 CH=S35D28W 1322.62) S55D45W 80 S55D45W 320.60 THENCE ALNG CURVE R (R=1090 CH=S24D13E 536.99) N89D25E 252.70 S00D34E 283.86 TO POB EXC PT COMM SW SEC COR TH N43D04E 351.64 TO TPOB TH S81D05E 825.34 S88D59W 87.73 S01D02E 23.88 S89D00W 545.52 N82D41W 146.89 N14D24W 148.7 TO TPOB, COUNTY OF WELD, STATE OF COLORADO

for the exclusion of their properties from said District. It is resolved that the President and Secretary of the District do any and all things necessary to exclude such properties from the District."

"I hereby certify that the above Resolution was duly and regularly adopted by the Little Thompson Water District at a meeting of the Board of Directors held on September 22, 2022."

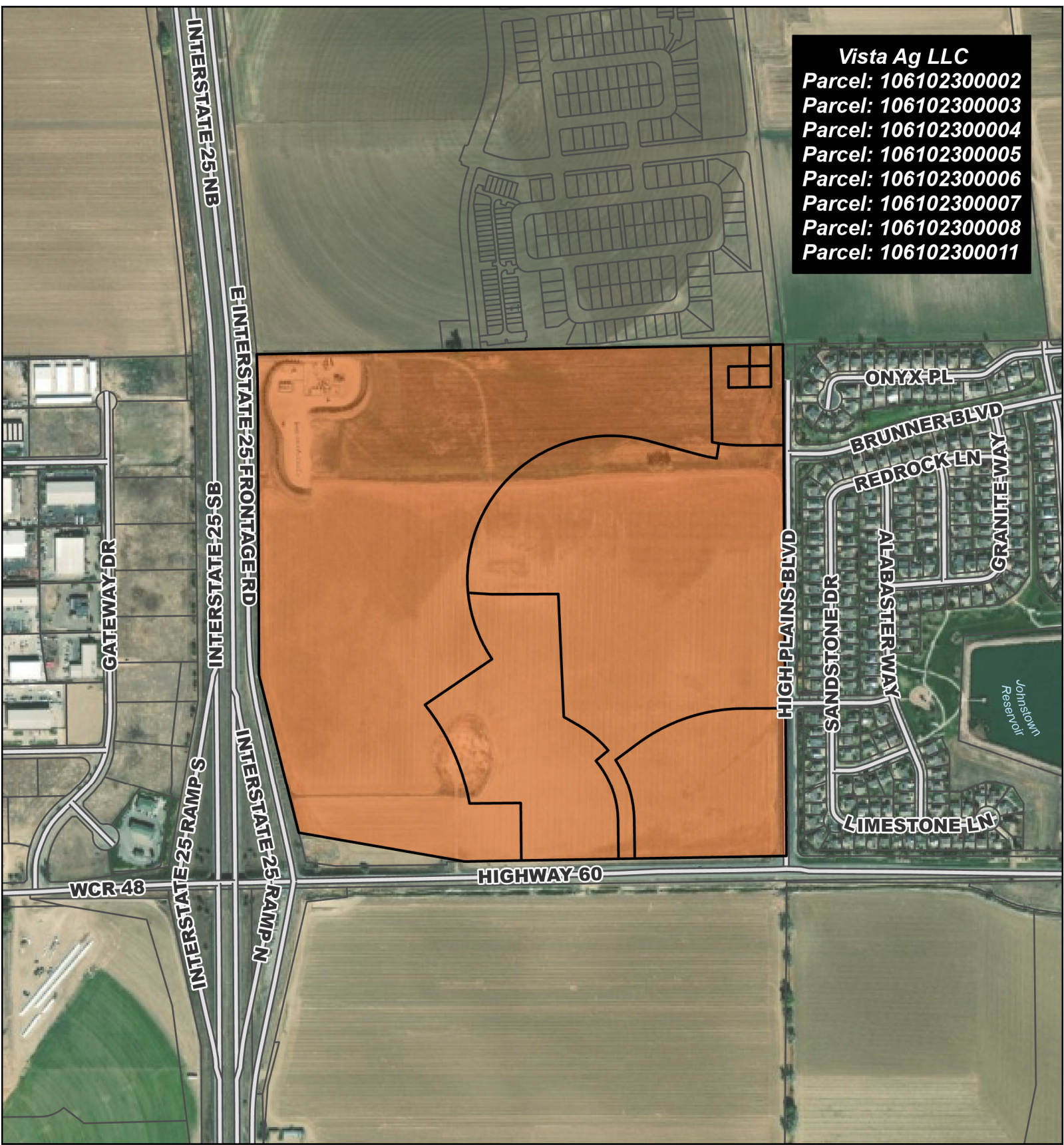
\_\_\_\_\_  
 President

Attest: \_\_\_\_\_  
 Secretary

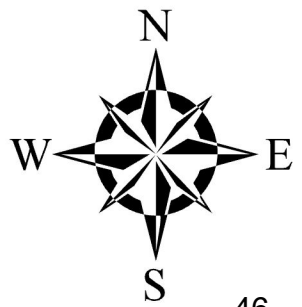
[SEAL]



**Vista Ag LLC**  
 Parcel: 106102300002  
 Parcel: 106102300003  
 Parcel: 106102300004  
 Parcel: 106102300005  
 Parcel: 106102300006  
 Parcel: 106102300007  
 Parcel: 106102300008  
 Parcel: 106102300011



**LTWD EXCLUSION:**  
**VISTA AG LLC**



## **Agenda Item Summary**

### Little Thompson Water District

Date: September 22, 2022

Item: 6.5

Staff: Brad Eaton, District Engineer

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**Subject:** 2023 Budget, Review of Proposed Capital Expenditures & 5-Year Financial Forecast

The following is a summary of the proposed District capital expenditures for 2023 along with the 5-year capital expenditure forecast.

The 2023 expenditures include the typical construction projects for the District and joint projects for Carter Lake Filer Plant (CLFP) as currently estimated by LTWD staff. Additionally, the capital budget includes the ongoing vehicle/equipment purchases.

The 5-year capital expenditure forecast includes projects and expenses based on our current anticipated needs for improvements/replacements along with additional budget for projects yet to be defined. The list and general description of District capital projects for 2023 is as follows with the 5-year expenditure forecast following the 2023 list.

#### Projects Continuing in 2023 Funded by Bonding

- Northeast Transmission Line – New transmission line along Larimer County Road 16 connecting the Twin Mounds storage tanks on the west of I-25, along with infrastructure upgrades east of I-25, to supply the northeast quadrant of the system with additional pressure during high demand periods along with a redundant west/east feed when other supply lines require maintenance or repair. Project was delayed in 2021 due to CDOT and final plans for the interchange at I-25 and LCR 16.
- Loveland/Campion Conversion, Project 1 – As a part of a 2020 intergovernmental agreement with the City of Loveland, the District became the service provider for approximately 130 customers who were City of Loveland customers. Some of the lines and services that will now be maintained and served by the District are at the end of their useful life and in need of replacement. This project will design and replace existing waterlines with service lines to new meter pits. The area is in a residential neighborhood with relatively narrow dirt roads. After recently switching the area supply to LTWD, the one-mile segment of Loveland’s aging 8-inch mainline north of 42<sup>nd</sup> St. SE was discovered to be badly degraded and unable to withstand the pressure from the LTWD system. As a result, additional project funding has been added to the 2023 budget to replace this one-mile segment of mainline.

#### 2023 Projects Not Funded by Bonding

- WCR 54 (Hwy. 402) Bridge Waterline Relocation – Weld County plans to widen the bridge over Big Thompson River between WCR 13 & 15. The new bridge requires relocation of an existing LTWD 12-inch waterline. The existing waterline is located in an exclusive LTWD easement therefore Weld County will be required to pay for the waterline relocation. This 2023 budget line item will be offset by a revenue account paid by Weld County.
- 3<sup>rd</sup> & Welker – The Town of Mead has plans to make substantial improvements to one of their primary intersections located at WCR 34 (Welker) and WCR 7 (3<sup>rd</sup> St.). The intersection upgrades will require

waterline relocations and upgrades, along with consolidation of several small aging lines that are part of the original Mead water system.

- LCR 8 & 21 Water System Modifications – Larimer County plans to reconstruct the subject intersection with a traffic circle which will require relocation and replacement of various valves and waterlines within the existing intersection
- Botterill System Modifications – Modifications and upgrades to existing infrastructure that are currently inaccessible within railroad right of way near the intersection of WCR 54 & 15-1/2.
- Twin Mounds Passive Mixing System – Replace the existing active mixing system that requires power and maintenance, with a passive system that will utilize the existing hydraulic forces for mixing without power or maintenance.
- Buckhorn Tank Mixing System Study – An analysis to determine system and tank modifications to enhance mixing at the Buckhorn tank during winter operations.
- Supervisory Control and Data Acquisition (SCADA)/Telemetry System Upgrades – Replacement and upgrades to aging equipment and software, along with implementation of the 2020 SCADA master plan and the addition of various new systems as needed. Additionally, the use of cell service will be evaluated in place of the current radio-based telemetry.
- County Road Improvements – For the currently unknown road projects that impact our waterlines.
- Small Line Improvement Projects – For upgrades to waterlines and associated facilities that are determined to be problematic to the overall operation of select parts of the system.
- New Service Connection Expense – Capital cost budget item is offset by a portion of tap fees paid by others.
- Office Furniture & Equipment – Furniture and computer equipment for new staff along with miscellaneous updates to various existing office assets.
- Global Positioning System (GPS) Equipment – Ongoing budget item for equipment repairs and upgrades along with purchase of new water modeling software to interface with the GIS system. Funding for this equipment is included in the Vehicle and & Equipment budget line item described below.
- Vehicles & Equipment – Ongoing budget item for replacement of aging vehicles and misc. equipment.

The following table summarizes the projected 2023 and 5-year capital projects along with the projected non-operating expenditures:

LITTLE THOMPSON WATER DISTRICT FIVE YEAR FINANCIAL FORECAST						
Summary of Capital Improvement Program						
	2022	2023	2024	2025	2026	2027
<b>Capital Expenses - District</b>						
<b><u>Capital Projects Funded by Bonding</u></b>						
Northeast Transmission Line	\$3,000,000	\$1,300,000	\$1,850,000	\$1,850,000		
Loveland/Campion Conversion Project 1	\$1,520,000	\$1,515,311	\$1,612,794			
<b><u>Capital Projects Not Funded by Bonding</u></b>						
WCR 54 Bridge - Waterline Relocation *	\$732,600	\$862,300				
SCADA Telemetry	\$200,000	\$200,000	\$75,000	\$75,000	\$75,000	\$75,000
County Road Improvements	\$200,000	\$200,000	\$225,000	\$225,000	\$250,000	\$250,000
Small Line Improvement Projects	\$75,000	\$75,000	\$100,000	\$100,000	\$125,000	\$125,000
Campion Line Project 2					\$1,500,000	
Alps Line				\$200,000		
Lebsack Lane						
Markham Tank				\$7,000,000		
St. Vrain Water Authority (SVWA) Capital Fees					\$7,000,000	
New Service Connection Expense *	\$201,600	\$269,500	\$332,000	\$395,600	\$454,950	
Office Furniture & Equipment	\$10,000	\$30,000	\$15,000	\$25,000	\$25,000	
Vehicles & Misc Equipment	\$184,000	\$78,000	\$127,480	\$130,000	\$132,520	
Dry Creek Feasibility For Floating Photovoltaic	\$35,000	\$35,000				
Place Holder	\$0	\$0	\$700,000	\$700,000	\$700,000	\$700,000
LCR 8 & 21 Water System Modifications		\$300,000				
Botterill System Modifications		\$100,000				
3rd & Welker Waterline Replacement		\$1,320,000				
Twin Mounds Passive Mixing		\$227,000				
Buckhorn Tank Mixing System Study		\$40,000				
<b>Total Capital Expenses - District</b>	<b>\$7,470,200</b>	<b>\$4,565,111</b>	<b>\$5,037,274</b>	<b>\$10,700,600</b>	<b>\$10,262,470</b>	<b>\$1,150,000</b>
<b>Water Resources Expenses</b>						
Water Rights Purchase - Offset *	\$1,750,000	\$2,193,000	\$1,820,000	\$2,047,500	\$2,275,000	\$0
Raw Water Infrastructure Construction (Handy/CHS)	\$7,500	\$1,000,000	\$3,575,000	\$3,575,000		
2nd Use Capital - SVWA		\$120,000	\$1,000,000	\$1,769,000	\$1,769,000	
Water Rights Adjudication	\$500,000	\$500,000	\$500,000	\$350,000	\$350,000	\$350,000
<b>Total Water Resource Expenses</b>	<b>\$2,257,500</b>	<b>\$3,813,000</b>	<b>\$6,895,000</b>	<b>\$7,741,500</b>	<b>\$4,394,000</b>	<b>\$350,000</b>
<b>Shared Expenses - Joint LTWD 1/2</b>						
Unspecified Place Holder		\$300,000	\$325,000	\$350,000	\$375,000	\$400,000
Chlorine Scrubber Replacement		\$122,720				
Filter Rehabilitation						
Influent Piping Painting		\$148,720				
Clarifier Concrete Work		\$130,000				
West 5MG Tank Painting				\$736,295		
East 5MG Tank Painting				\$454,778		
Membrane Replacement						
<b>Joint Capital - Joint LTWD 1/2</b>						
Construct 7 MG Tank						
Garage for equipment/tractors						
Pretreatment Carter Lake Filter Plant-Bond	\$1,656,500	\$1,200,000	\$1,300,000	\$7,500,000	\$7,500,000	
Future Plant						
<b>Total Capital Expenses - Joint - LTWD 1/2</b>	<b>\$1,656,500</b>	<b>\$1,901,440</b>	<b>\$1,625,000</b>	<b>\$9,041,072</b>	<b>\$7,875,000</b>	<b>\$400,000</b>
<b>Total Capital Projects</b>	<b>\$11,384,200</b>	<b>\$10,279,551</b>	<b>\$13,557,274</b>	<b>\$27,483,172</b>	<b>\$22,531,470</b>	<b>\$1,900,000</b>
* Capital Costs Offset by Payment By Others						

# Agenda Item Summary

Little Thompson Water District

Date: September 22, 2022

Item: 6.6

Staff: Amber Kauffman, District Manager

---

**Subject:** Aurora Organic Dairy Agreement

**Staff Recommendation:** Informational only

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**Discussion:**

A draft agreement with Aurora Dairy that addressed water dedication was sent to the Board in a separate communication along with concerns Aurora Organic Dairy had. This agreement and their concerns will be addressed in executive session along with any of the Board's concerns/questions.



# Agenda Item Summary

Little Thompson Water District

Date: September 22, 2022

Item Number: 6.7 – Mark and Deborah Schell, Request for Tap Relocation

Staff: Brad Eaton, PE - District Engineer

---

**Subject:** Mark and Deborah Schell, Request for Tap Relocation Requiring a Waiver to the District's Rules and Regulations (See Attached Request).

**Staff Recommendation:** For Board Discussion. Staff Does Not Oppose This Request.

**Discussion:** Please See Details of the Tap Relocation Request Below.

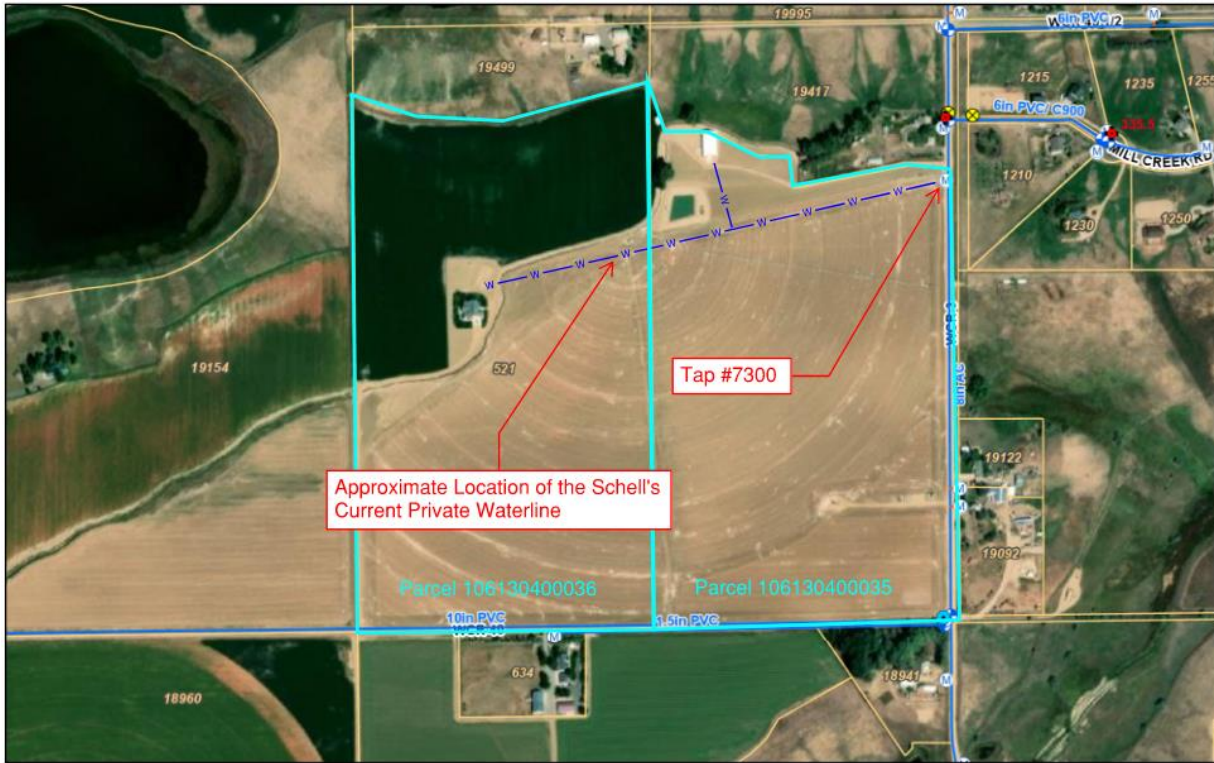
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## Waiver Request Background:

Mark and Deborah Schell own a residence that is to be demolished (due to disrepair) which is located at 4997 Weld County Road (WCR) 28, in Mead, CO (parcel #120726400021). This residence is currently served by a 5/8-inch standard residential tap (tap #610) from a 16-inch diameter waterline along WCR 28, as shown below. Once the existing residence is demolished, existing tap #610 will no longer be utilized by Mr. and Mrs. Schell on this parcel.



Mr. and Mrs. Schell also own property at 521 WCR 40, Berthoud, CO, which was originally configured as one large parcel that has since been subdivided into two smaller parcels (parcel #106130400036 and parcel #106130400035). Both the residence on parcel #106130400036 and the shop on parcel #106130400035 are currently served by a single 5/8-inch standard residential tap (tap #7300) from an 8-inch diameter waterline along WCR 3, as shown below.



Mr. and Mrs. Schell are requesting relocation of tap #610 in Mead as noted above, to parcel #106130400035 at 521 WCR 40 in Berthoud, where the proposed relocated tap would serve both the existing shop, along with a new residence to be constructed on this same parcel.

Existing tap #7300 would continue to serve the existing residence on parcel #106130400036 with the private service line located in a new easement on parcel #106130400035. The new service line easement across parcel #106130400035 is to be provided by Mr. and Mrs. Schell as a condition of approval for this tap relocation request.

Please note that the District owns and operates a 10-inch diameter waterline along WCR 40 and an 8-inch diameter waterline along WCR 3. The 10-inch waterline is currently not in service and requires replacement, however, the 8-inch waterline along WCR 3 is adequate to serve this tap relocation request and would be the appropriate tap location to serve parcel #106130400035.

Subsection 304.1 of the District's Rules and Regulations prohibits the relocation of water meters unless the parcels are adjoining and of the same ownership as paraphrased below. While Mr. and Mrs. Schell own the parcels referenced herein, a separation of approximately 7.5 miles exists between parcel #120726400021 and parcel #106130400035, which therefore requires a waiver to the District's Rules and Regulations to accommodate this relocation request.

From the District's Rules and Regulations:

**304. RELOCATION OF WATER METERS.**

304.1 Relocation of a water meter is not allowed, with the following exceptions: The water meter may be relocated on the same parcel of land being served. The water meter may be relocated to an adjoining parcel of land that is in the same ownership as the original parcel. The tap holder is responsible for the cost of relocation.

Conditions and Staff Recommendation:

1. All costs associated with the subject tap relocation request are to be borne by Mr. and Mrs. Schell.
2. Additionally, new easement must be provided by Mr. and Mrs. Schell across parcel #106130400035 for the existing water service line serving parcel #106130400036.

Provided that Mr. and Mrs. Schell agree to abide by the conditions noted above, staff is not opposed to this tap relocation request. Furthermore, these conditions will be outlined in a commitment letter upon Board approval of this request.



August 15, 2022

District Board  
Little Thompson Water District  
835 E Highway 56  
Berthoud, CO 80513

District Board:

Currently, we own three water taps served by the Little Thompson Water District all in Weld County. Also on account at Little Thompson Water District are 55 water credits for future use on our properties.

Account number 730001 serves our home and shop located at 521 CR 40 Berthoud, CO 80513. This property is divided into two parcels, RE 1341 and 1342. Our home is located on RE 1342 and the shop located on RE 1341 is served by this tap that comes off of CR 3.

Our two other taps are located at our Mead Farm. Account 62502 serves 2 homes located at 4886 HWY 66 and Account 61002 serves a home located at 4997 CR 28.

The home at 4997 is going to be demolished as it is in very poor repair.

We would like to move Account 61002 from the home at 4997 CR 28 to Lot 1341 to serve our shop and in the future serve a residence that we would like to construct on RE-1341.

Please see the attached maps and other documents for your review.

Thank you for your consideration of this matter.

Sincerely,



Mark W. Schell  
521 CR 40  
Berthoud, CO 80513  
303-910-0920  
schellcpa@aol.com

8/22/22

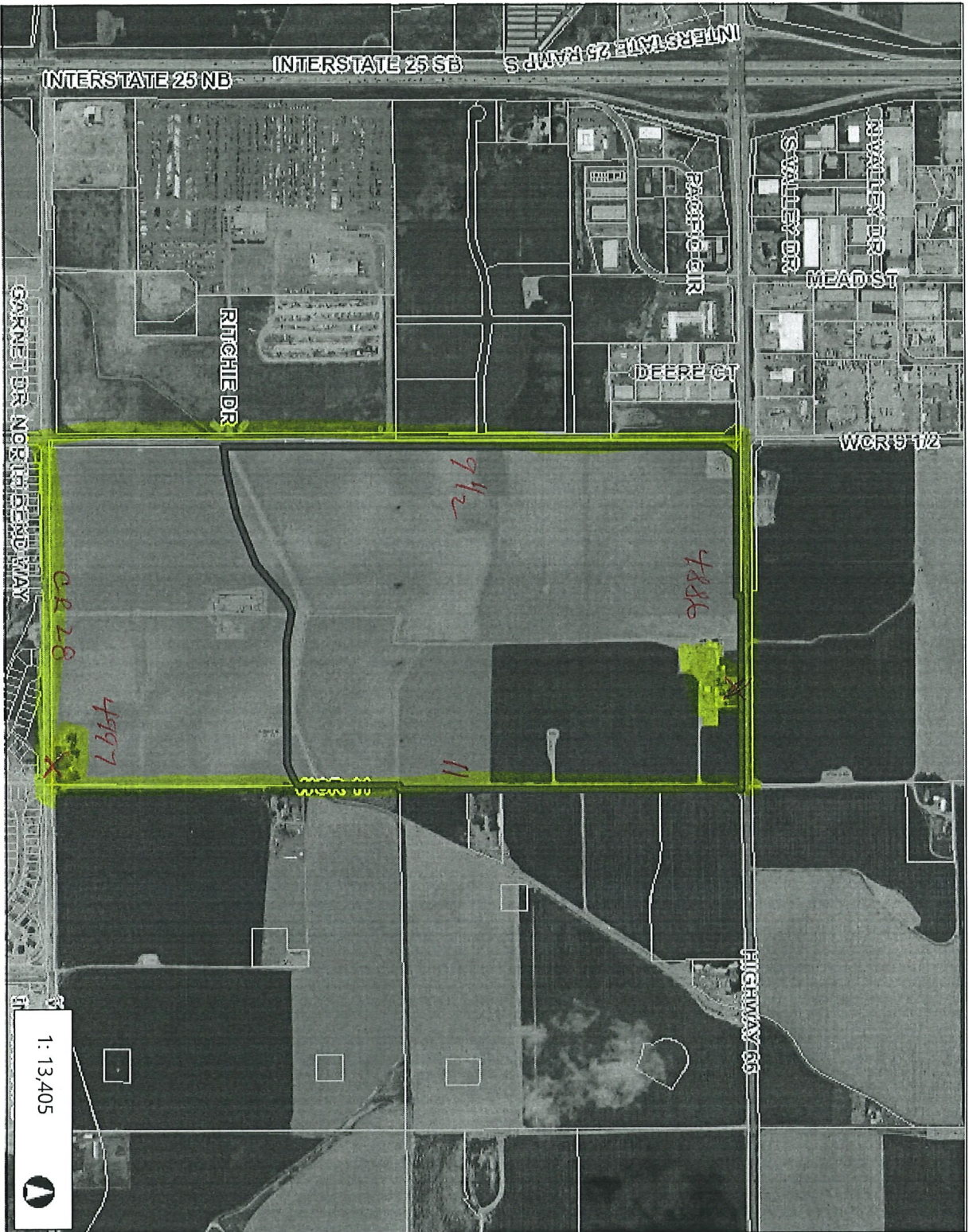
Date



Deborah M. Schell

8/22/22  
Date





2,234.2 0 1,117.12 2,234.2 Feet

WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere  
© Weld County Colorado

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

1:13,405



Legend

- Parcels
- Address Label
- Highway
- County Boundary

Notes

MEAD  
 MOVE TAP  
 FROM 4997  
 TO  
 BEETWOOD  
 RE-1341





- Legend**
- Parcels
  - Highway
  - County Boundary

*BETTER US*

Notes

1,117.1 0 558.56 1,117.1 Feet

WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere  
© Weld County Colorado

This map is a user generated static output from an internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

1:6,703

# Agenda Item Summary

Little Thompson Water District

Date: September 22, 2022

Item: 6.8 2021 Financial Audit

Staff: Angela Diekhoff-Business Manager

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**Subject:** Motion to Approve 2021 Audited Financial Statements

**Staff Recommendation:** Staff recommends acceptance of the 2021 Audited Financial Statements.

---

**Discussion:**

1. 2021 Financial Audit was presented in August of 2022—there wasn't a motion to approve the 2021 Financial Audit Statements.
  - a. Motion to approve the 2021 Financial Audit Statements.

# Agenda Item Summary

Little Thompson Water District

Date: September 22, 2022

Item: 7.1

Staff: Amber Kauffman, District Manager

---

**Subject:** District Manager's Report.

---

### **Office Building**

The new roof for the new portion of the offices should be complete the week of the September board meeting.

### **Dry Creek Water Quality**

I am working on engaging Stantec, an engineering firm, to assist in the evaluation of options for treatment and location of treatment of sulfate and hardness for the CLFP as well as a reservoir management plan. I will work with Rick on the proposals. I hope to have something in front of the CLFP and LTWD boards next month, but that is a very aggressive schedule.

### **Fall Symposium**

Northern Water's Fall Symposium is scheduled for November 15. Please keep the date on your calendar if you are interested. It will be held at the Embassy Suites in Loveland.

### **SDA Annual Meeting**

The SDA meeting was well attended and all that attended learned a lot! We also had a presentation by our own Joe Robinson, the GIS guru for LTWD. It was Joe's first presentation to anyone ever and he did GREAT! We couldn't be prouder of Joe and the system he has created for us!

### **2022 Goals Update**

I will provide an update of all the 2022 goals at the board meeting.

# Agenda Item Summary

Little Thompson Water District

Date: September 22, 2022

Item: 7.2 Business Manager's Report

Staff: Angela Diekhoff-Business Manager

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**Subject:** September Board Meeting, Business Manager Report.

**Staff Recommendation:** For Information.

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**Discussion:**

## 2023 Board Meeting

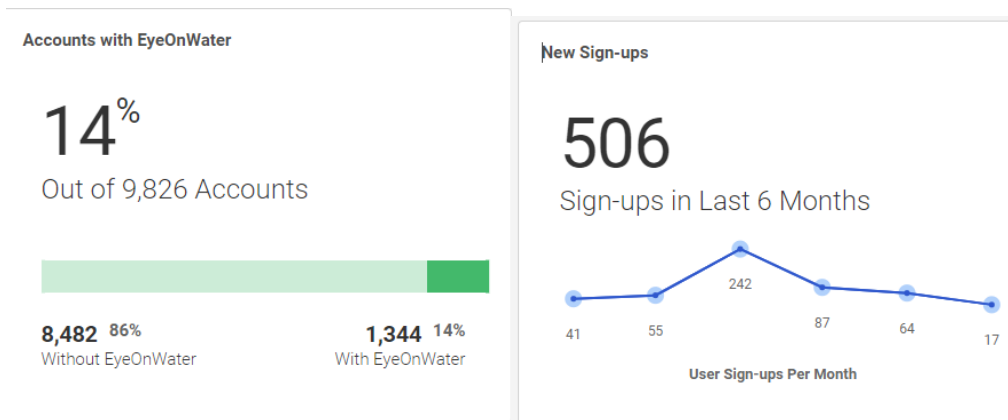
- Attached you will find the proposed change of Board Schedule for 2023, moving the board meeting out one week, except for December of 2023.

## Health Insurance

- CEBT new rates for 2023 have been released and with the SDA special rates we are looking at:
  - 4.5% increase in health insurance premiums
  - No Increase in Vision
  - Decrease in Dental
  - switching from High Deductible of \$2,800 to \$3,000 due to new IRS regulations - which is a cheaper plan saving us 1% on the increase.

## Eye on Water:

Total of 1,344 of the 1,158 goal for end of 2022. **GOAL MET!**





THIS IS A DRAFT COPY OF:  
**Little Thompson Water District**  
**Board Calendar**  
**2023**

January '23						
Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

February '23						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

March '23						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

April '23						
Su	M	Tu	W	Th	F	Sa
						1
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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

May '23						
Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

June '23						
Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

July '23						
Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					


August '23						
Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		


September '23						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

October '23						
Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				





November '23						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

December '23						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

 = Holidays

 = Daylight Savings  
 March 12 and November 5

- January 2 (observed)- New Year's Day
- February 20 - Presidents' Day
- May 29 - Memorial Day
- July 4 - Independence Day
- September 4 - Labor Day
- November 23 & 24 - Thanksgiving
- December 25 - Christmas

-  = LTWD Meetings at 5:00pm
-  = CLFP Meetings at 4:30pm
-  = SVWA Meetings at 6:00pm
-  = SDA Conference - September 12 - 14

# Agenda Item Summary

## Little Thompson Water District

Date: September 22, 2022

Item: 7.3 District Engineer Report

Staff: Brad Eaton, P.E. - District Engineer

**Subject:** September Board Meeting, Engineering Report.

**Staff Recommendation:** For Information.

**Discussion:**

COMMITMENT TO SERVE REQUESTS: 15 tap requests in August bringing the 2022 total to 5,003 (2021 TOTAL: 1,214).

2022 CAPITAL PROJECTS *FUNDED BY BOND PROCEEDS	PROJECT STATUS	BUDGETS TOTAL / 2022 / SPENT TO DATE
*WEST 1 <sup>ST</sup> STREET (#70-129-00000)	Both the western and eastern portions of the project are complete. Final tie-ins to existing lines are currently in process. Final completion is anticipated by the end of Sept.	\$950,000/\$400,000/\$291,790
*NORTHEAST TRANSMISSION LINE (#70-137-00000)	A preliminary alignment has been developed and easement acquisition is the next step. We recently met with a land agent that we expect to engage in the project and strongly believe they will be a significant asset in acquiring easements.	\$5,400,000/\$3,000,000/\$197,500
*TWIN MOUNDS 5MG TANK REHAB (#70-138-00000)	Current focus continues with interior corrosion mitigation and epoxy coating. Completion of the interior is now anticipated for the end of September.	\$1,650,000/\$825,000/\$1,294,493
*LOVELAND / CAMPION CONVERSION PROJECT #1 (#70-139-00000)	90 percent design drawings are in progress. Project complexity along with inflation of material costs indicate that total project costs could reach \$3.2 – \$3.4 million. This budget will require a phased approach with construction beginning in the last quarter of 2022 and project completion in 2023.	\$1,520,000/\$1,520,000/\$149,597
COUNTY ROAD IMPROVEMENTS (#70-100-00000)	Ongoing budget item driven by County Road improvement projects. Approx. \$95k has been earmarked for the design of 3 <sup>rd</sup> & Welker and LCR 8 & 21 waterline relocation projects.	\$200,000 / \$200,000 / \$6,430
SCADA IMPROVEMENTS (#70-103-00000)	2022 SCADA ongoing capital improvement program. The equipment for a level and water quality monitoring system for Dry Creek Res. has been installed and commissioning is in progress. A second use flow monitoring system at Lakeside Canyon in Mead has been installed and commission will begin in the next few weeks.	\$200,000 / \$200,000 / \$23,126



2022 CAPITAL PROJECTS		BUDGETS
*FUNDED BY BOND PROCEEDS	PROJECT STATUS	TOTAL / 2022 / SPENT TO DATE
<b>SMALL LINE IMPROVEMENTS</b> (#70-121-00000)	Ongoing budget item to replace various small waterlines.	\$75,000 / \$75,000 / \$0
<b>54 BRIDGE WATERLINE RELOCATION</b> (#70-142-00000)	Relocate approx. 1,250 ft. of 12-inch waterline to accommodate WCR 54 bridge widening at the Big Thompson River. Project costs will be reimbursed by Weld County. Waterline relocation design is in progress and the consultant has completed the project cost estimate. Current material costs will have a significant impact (increase) on the previous estimate of \$732k.	\$732,000 / \$732,000 / \$0
<b>DRY CREEK FLOATING PHOTOVOLTAIC FEASIBILITY STUDY</b> (#70-143-00000)	Evaluate feasibility of installing photovoltaic panels on Dry Creek Res. for hydrogen production.	\$35,000 / \$35,000 / \$0
<b>BUCKHORN PUMP STATION</b> (#70-144-00000)	Installation of new variable frequency drives (VFD's) and evaluation of the condition of the existing pumps is complete.	\$42,000 / \$42,000 / \$15,202
<b>WATER SYSTEM MASTER PLAN UPDATE</b> (#53-400-00000)	The project is underway but delayed due to staff workload gathering additional data for the consultant.	\$150,000 / \$75,000 / \$2,154
<b>NON-POTABLE SYSTEM STUDY</b> (#53-400-00000)	Study to evaluate managing non-potable irrigation systems. Project was moved to 2022. No progress to date.	\$45,000 / \$45,000 / \$0
<b>RAW WATER INFRASTRUCTURE</b> (#73-105-00000)	Engineering study & easement acquisition to capture & convey native waters for treatment. Develop request for proposal (RFP) for design services is the next step.	TBD / \$400,000 / \$7,586

**New Development Projects:** Lawson Construction – Single Lot Commercial

Active Development Name	Lots / type of development	Status
St. Acacius (aka Lakeside Canyon)	222 Residential	Final Acceptance for Phase 1A Issued. Phase 1B is in construction. Final acceptance for the 16-inch in WCR 28 is in progress.
The Highlands	225 Residential	Filing 2 Under construction.
Range View Estates	75 Residential	Offsite utilities complete. Installation of onsite utilities continue. Non-potable irrigation system in review.
Red Barn	457 Residential	Under construction.
Postle Properties	7 Industrial/Commercial (301 acres)	Phase 1 under construction.
Horizon Hills	269 Residential (modular)	Under construction.
Horizon Hills Offsite	Offsite 16" waterline	Under construction.
Gopher Gulch RV Park	145 RV spaces	Under construction.
Elevation 25 (Formerly Mann Farms)	7 Commercial	Under construction.
Barefoot Filing 4 Replat	28 Residential	Under construction.
Barefoot Offsite Ronald Reagan Phase 3	Offsite for Residential	Under construction.
Hawks Ridge Subdivision	120 Residential plus commercial	Design approved.
Mead Place	313 Residential, Multifamily & Commercial	Design approved.
Barefoot Filing 6	193 Residential	In design.
Waterfront	1,800 Residential plus Commercial	In design.
Raterink Lot 2	1 Commercial	In design.
Grand Meadow (aka Douthit)	400 Residential	In design.

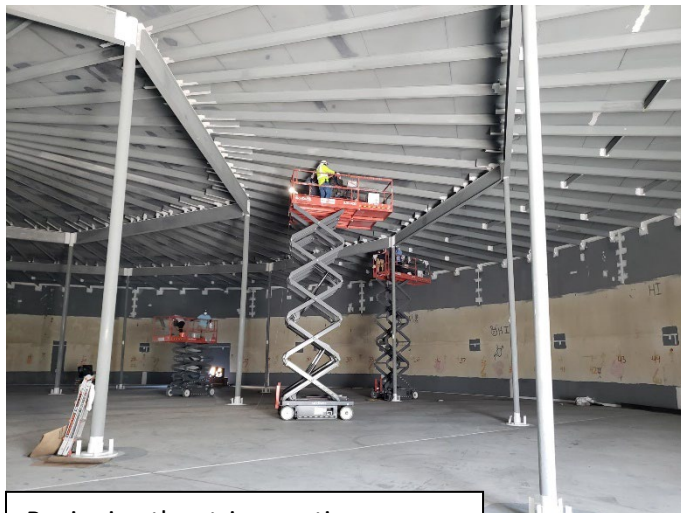
Active Development Name	Lots / type of development	Status
Meadow Ridge	958 SFE - Residential & Commercial	Non-potable system water supply plan, initial review complete. Prelim. plat approved. Commitment letter updated.
Mead Village	96 Residential	Project from 2016 becoming active.
Turion - Revised	3,660 Residential plus commercial - total buildout.	1060 taps to be served by LTWD via Berthoud master meter, 2600 lots annexed into Mead served by LTWD direct.
Schulz Property	Single Industrial Lot	Beginning entitlement process with Mead. Commitment request received.
Welker Farms	Originally 150 lot residential	Replat to Multi-Family being proposed to the Town of Mead.
Westridge PUD	1,000 Residential, Multifamily & Commercial	Beginning entitlement process. No current movement.
GCI Flex (Mead)	4 Lot Industrial	Beginning entitlement process. No current movement.
Buffalo Highlands	1269 Lot Residential Plus Commercial	Commitment letter issued.

**OTHER ENGINEERING & GIS ACTIVITIES**

1. Heavy workload continues for field inspections and construction.
2. 2023 capital budget development.
3. Home Depot Distribution Center water system Infrastructure has required significant staff time.
4. LCR 8 & 21 Roundabout. Infrastructure modifications (option #2) design is being finalized.
5. West I-25 24" Transmission Line -final negotiations continue. Approximately 75% complete.
6. Engagement in various CDOT activities near LTWD infrastructure along I-25 continues.
7. The 42" ARV repairs substantially complete. Resolution to minor project punch list items in process.
8. GIS system enhancements continue.

**TWIN MOUNDS 5MG TANK REHABILITATION PROGRESS UPDATE**

Epoxy stripe coating of intricate structural joints continue along with pit filling and weld repairs in preparation for final interior epoxy coating.



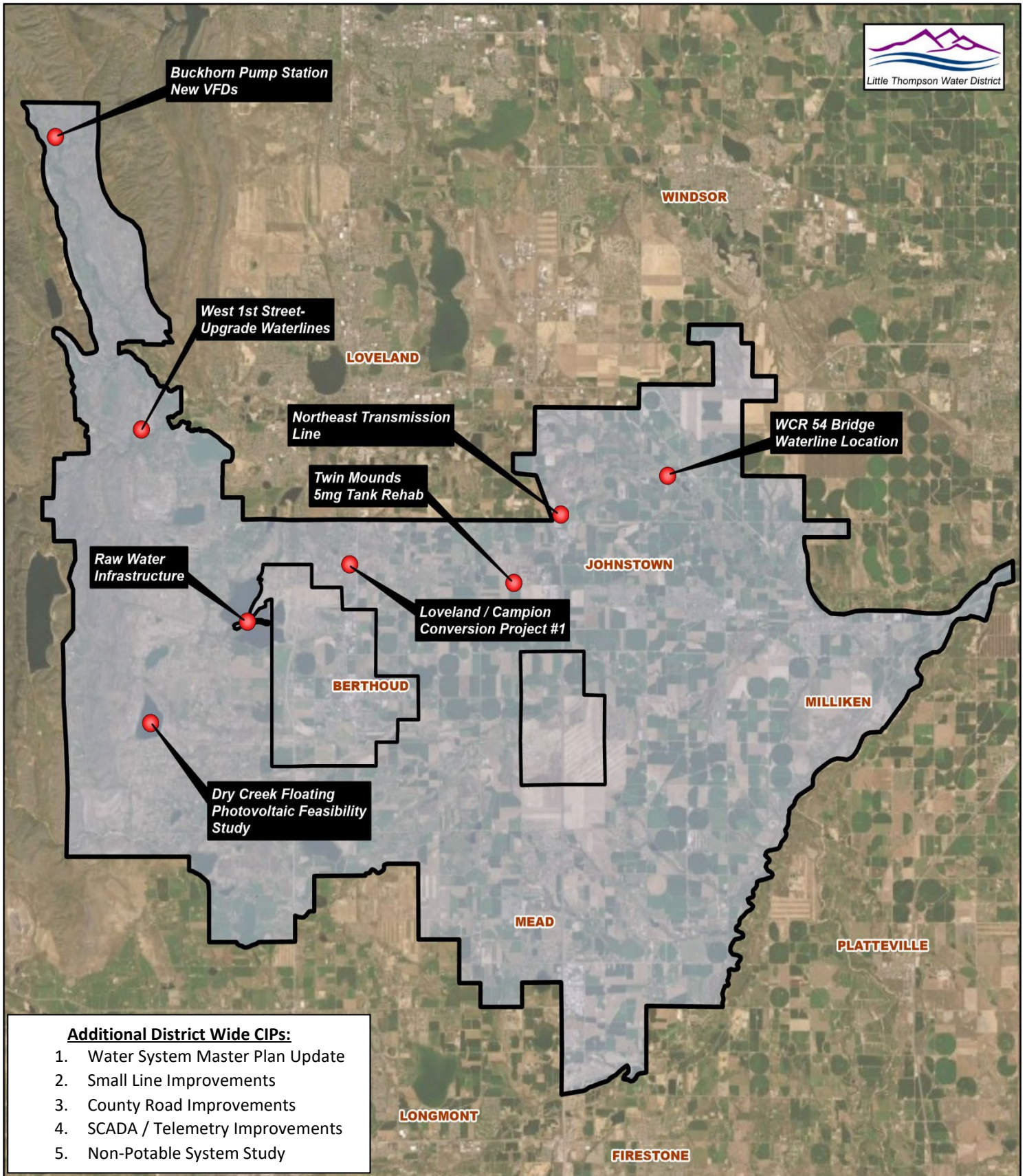
Beginning the stripe coating process



Current status of the stripe coating



## 2022 LTWD Capital Improvement Project Locations



# Agenda Item Summary

Little Thompson Water District

Date: September 22, 2022

Item: 7.4 Water Resources Managers Report

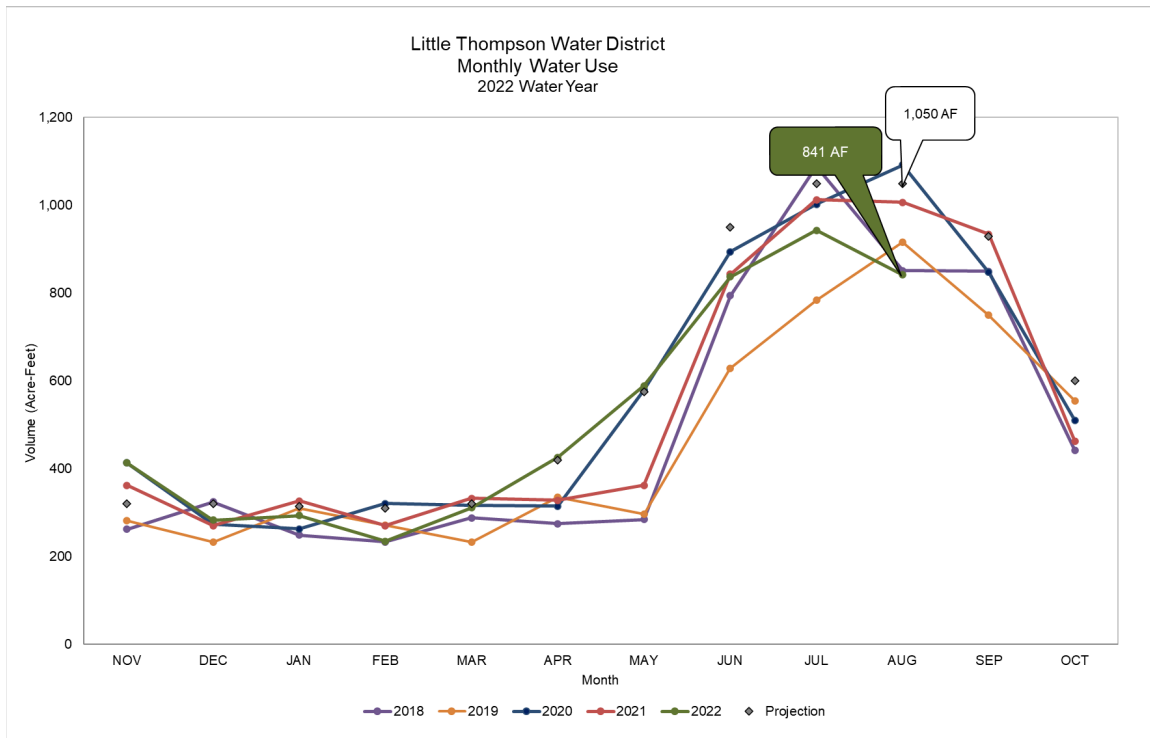
Staff: Amanda Hoff, Water Resources Administrator and Nancy Koch,  
Water Resources Manager

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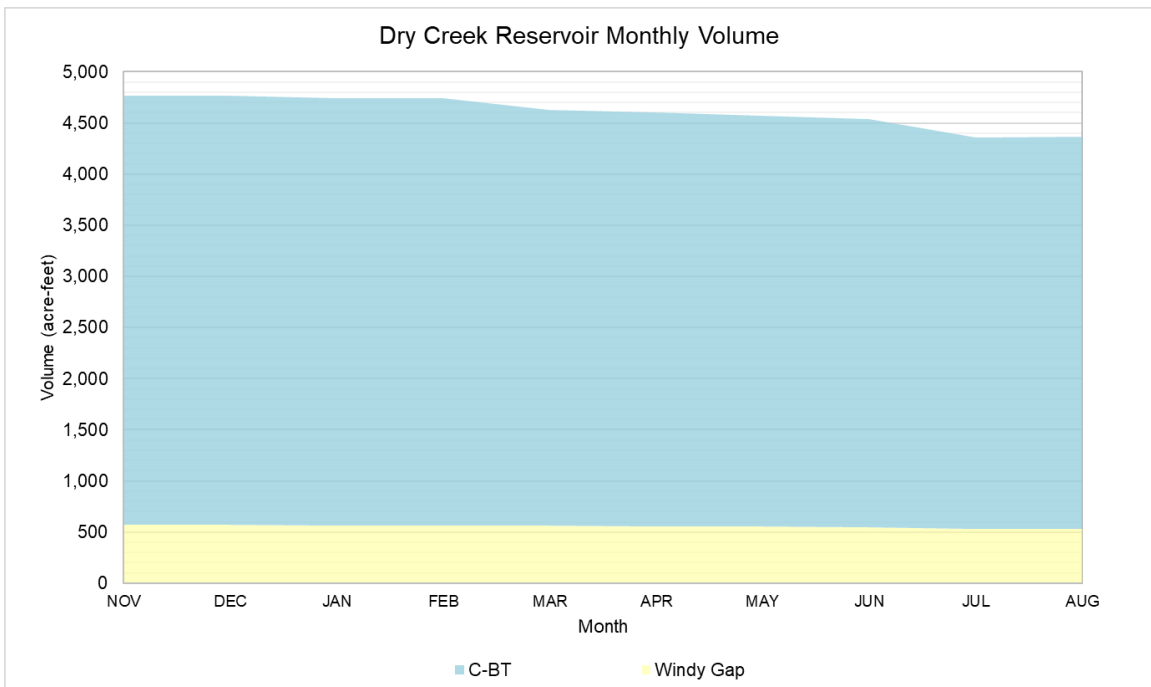
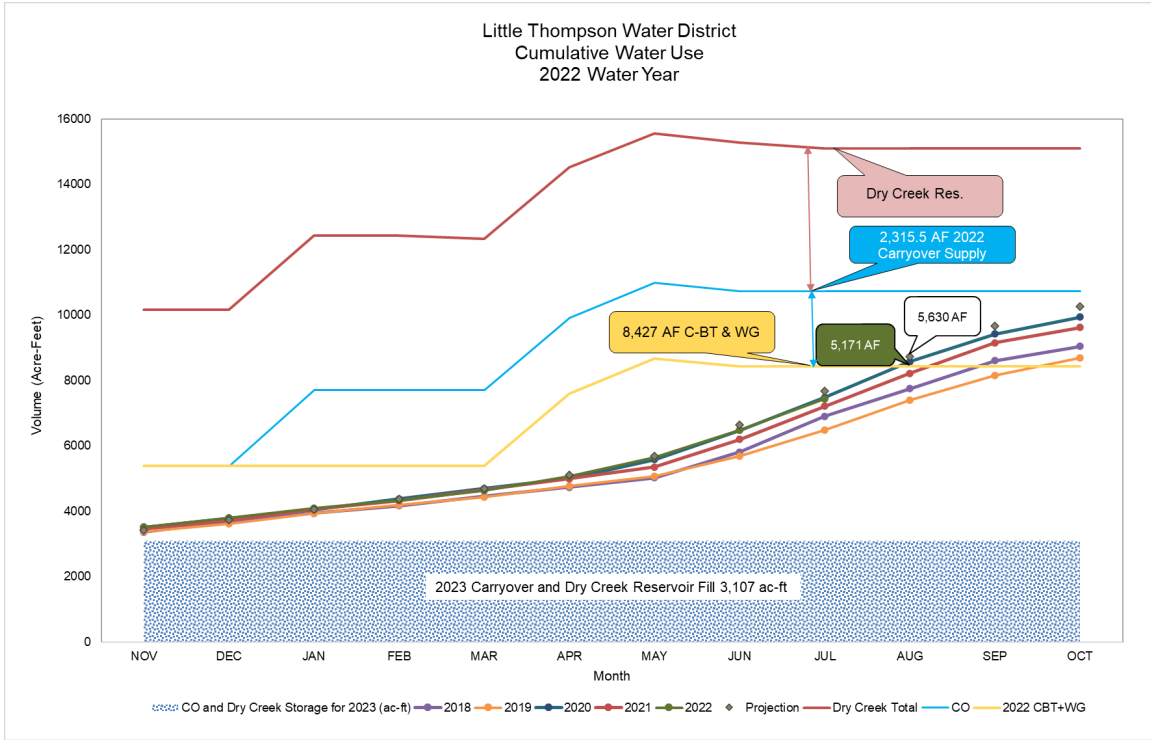
**Subject:** August Water Use

**Staff Recommendation:** Information Only

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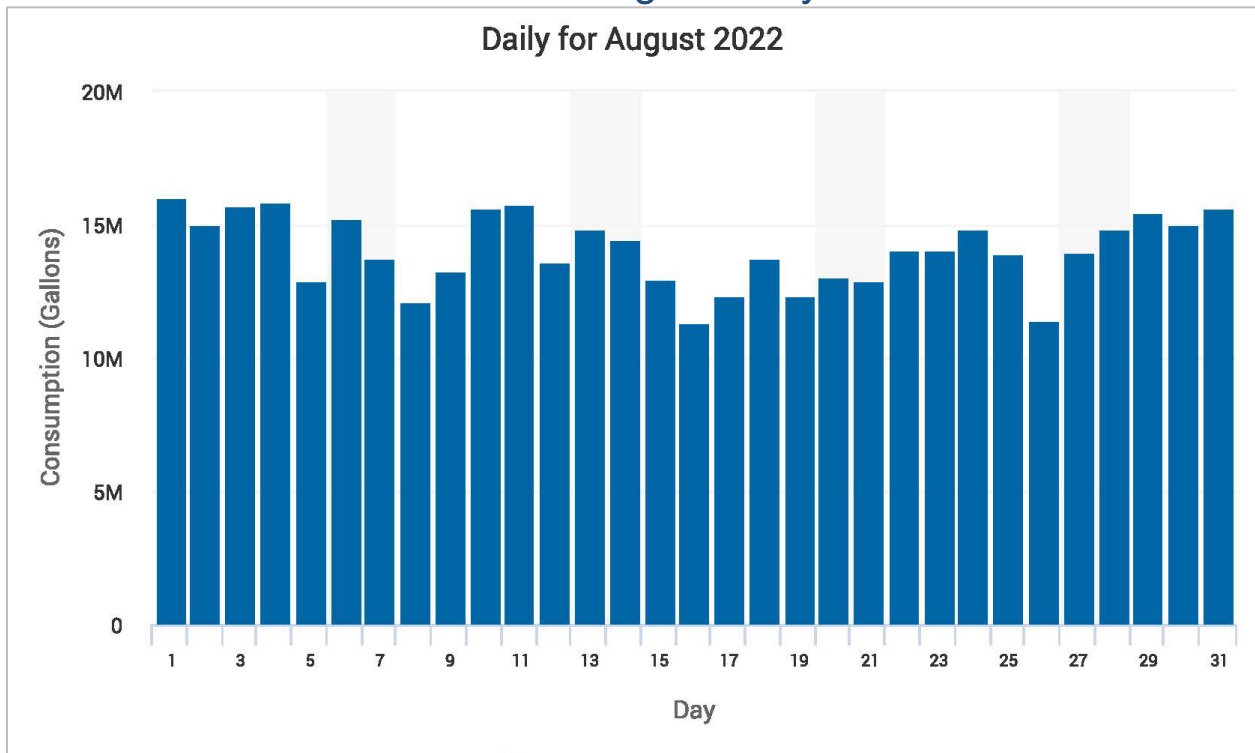




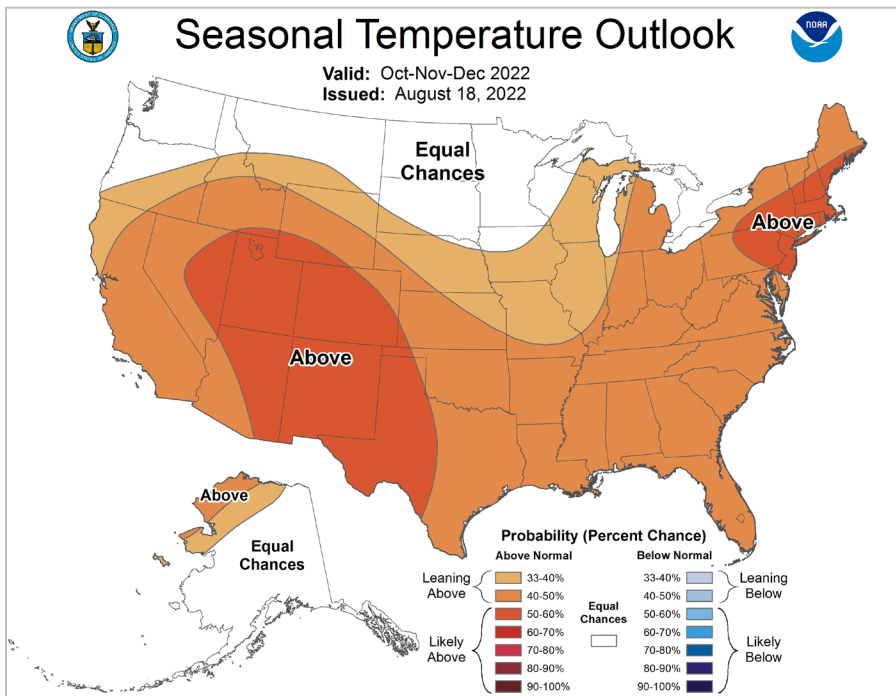
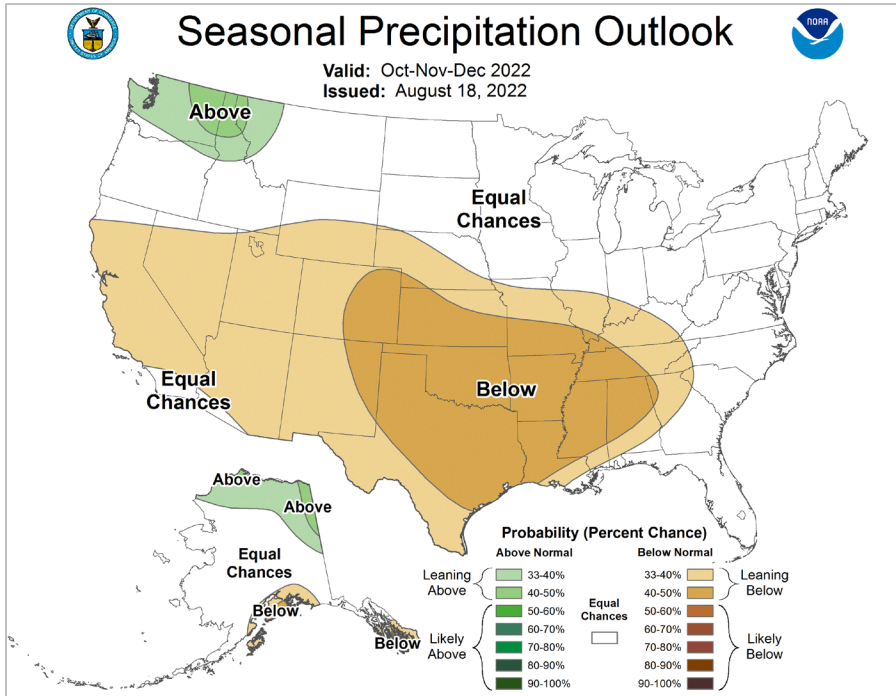
## Water Court Progress

<b>Home Supply</b>
<b>January 2021</b> District Circulated Proposed Decree and Engineering Report
<b>March 11, 2022</b> Opposers Comments Due
<b>June 17, 2022</b> District's Comments to Objectors Complete
<b>September 16, 2022</b> Deadline of Additional Objector Comments
<b>December 16, 2022</b> Follow-up Status Conference

## LTWD Customers' August Daily Water Use



# Seasonal Outlook



# Agenda Item Summary

Little Thompson Water District

Date: September 1, 2022

Item: 7.5

Staff: Ken Lambrecht, Operations Manager

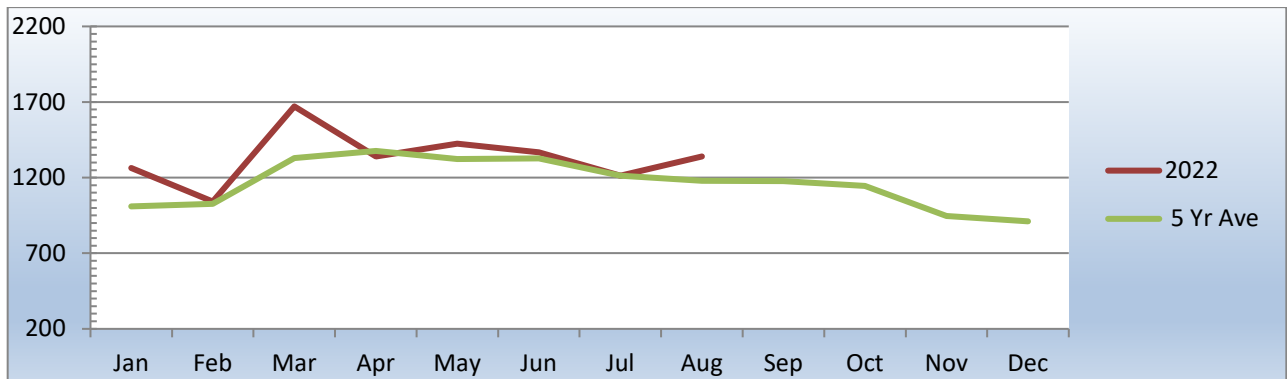
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**Subject:** Operations and Water Quality Report  
**Staff Recommendation:** For Informational Purposes

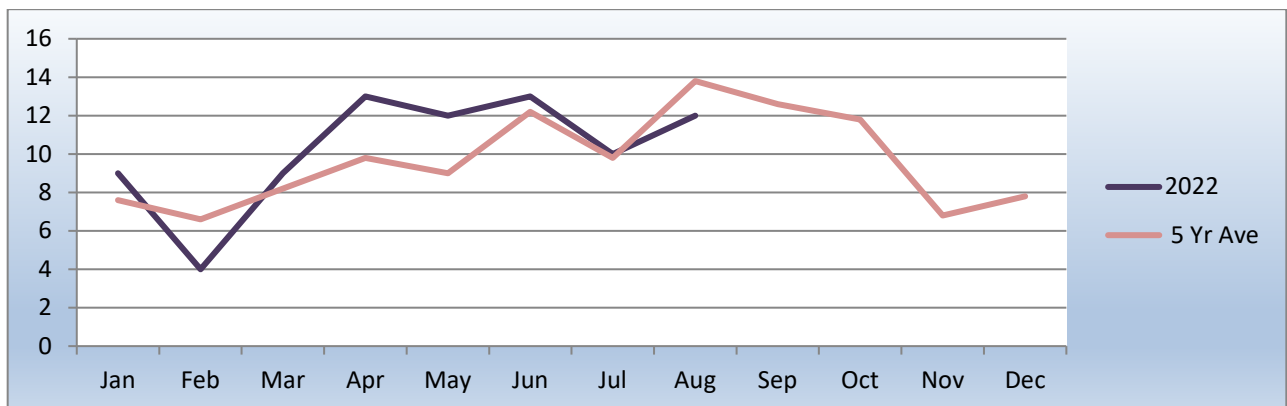
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**Discussion:** Information for the Board of Directors

**Locate Requests:**



**Leak Repairs:**





# Monthly Water Quality Report:

## Monthly Water Quality Samples:

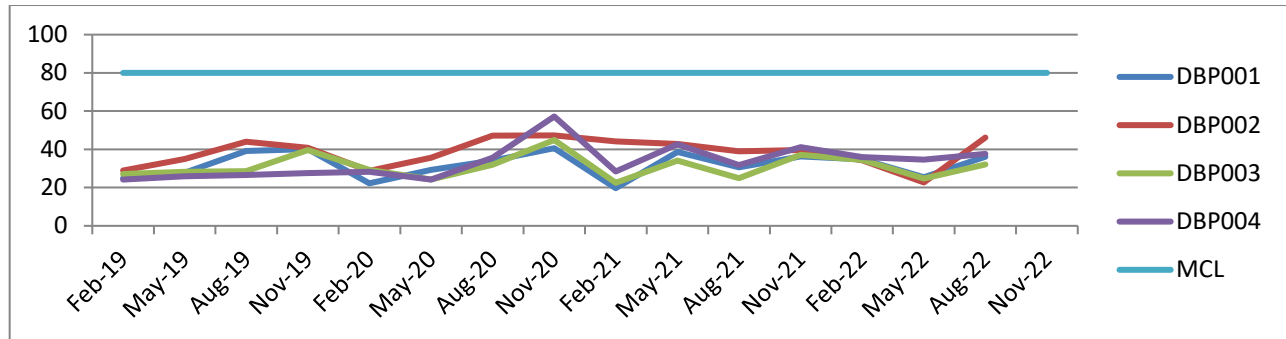
Monthly Total Coliform samples were within acceptable parameters.

## Lead & Copper Sampling:

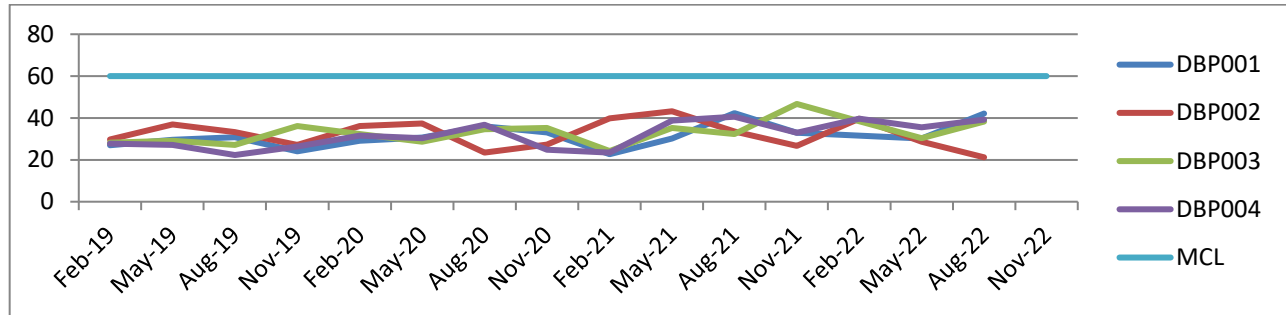
Next Sampling Period: July – December 2022: Typically, samples are taken in November.

## DBP2 Sampling

TTHM's



HAA5's



## Customer Taste & Odor Work Orders:

Created Date	Service Order Number	Service Address	City	Description
08/01/2022	20021	WCR 36.5	PLATTEVILLE	Cloudy Dirty
CLOUDY-DIRTY: Customer noticed the water is cloudy & sort of white this morning. It has not gone away. Please check & advise what the issue is. flush line after leak repair.				
08/03/2022	20036	WEBER WAY	MEAD	Taste & Odor
TASTE/ODOR: within last week has noticed bad smell from cold water throughout house. has talked to neighbors who are not having same issues. Talked about possible different water source. Please PH & Chol test. PH 7.7 CL 0.9- water good. possible smell from when using mix with dry creek water				
08/08/2022	20056	GR 17	PLATTEVILLE	Cloudy Dirty
CLOUDY-DIRTY: Customer called about cloudy, & slightly funny-tasting water. She had called on Fri. notes said she talked to LTWD & we are going to flush. Since water didn't improve, LTWD will follow up. removed meter head to allow customer to flush. Put back on 8/31/22				
08/19/2022	20157	KING RANCH RD	LOVELAND	Cloudy Dirty
cloudy water, pressure is sporadic, customer noticed this yesterday, says water does clear after a while, but very cloudy when first drawn, toilets seem to be struggling to fill, etc. LTWD: cloudy water caused by air in the line. had customer flush bathtub & LTWD flushed at fire hydrant. Customer stated past PSI was about 40psi, LTWD verified 42psi. adjusted regulator in meter pit. Now at 60psi				

## Project Updates and Notes:

### Beacon Meter Upgrade Project

Meter endpoint change outs are complete.

### Loveland Tap Exchange Project

Work is complete.

### Valve Exercising:

4778 valves have been exercised out of a total of 6,137

