Taylorsville-Bennion Improvement District

1800 West 4700 South, Taylorsville, Utah 84129

NOTICE OF THE STRATEGIC PLANNING MEETING
OF THE BOARD OF TRUSTEES OF
TAYLORSVILLE-BENNION IMPROVEMENT DISTRICT

The annual strategic Planning meeting of the Board of Trustees of the Taylorsville-Bennion Improvement District will be held at the District Office, 1800 West 4700 South, on October 2, 2024 at 8:00 am.

1. Call to order
2. Public comments
3. Approval of Common Consent Items: Minutes for the Board Meeting held on August 21, 2024
4. Review future Board Meeting/Public Hearing schedule
5. Recognize TBID for winning best groundwater and best overall water at AWWA IMS

The following is a list of discussion points with estimated durations for planning purposes only. Based on need and discussion, the exact time for each discussion point may vary.

Discussion Points	Presenter	Time
1. In-Depth Look at the Customer Service Team	Dora	8:05
2. Lead and Copper Rule Revisions/Improvements Update	Tammy	8:45
3. New Meter/AMI Installation Update	Bruce	9:05
4. Flushing Program / Large Meter Update	Shawn	9:25
5. Review Water Conservation Plan Update	Dan	9:45
6. Break		10:00
7. Labor Force Review and PEHP Renewal 2024	Mark	10:15
8. Project Review – 10 Year Outlook	Tammy	10:30
9. Financial Update & Projections – 10 Year Outlook	Bruce	11:10
10. Consider Approval of Resolution 24-10 – Water and Wastewater Rules & Regulations Amendment	Mark	11:45
11. Consider Approval of Resolution 24-11 - Administrative Policy and Procedures Amendment	Mark	11:50
12. Consider Approval of Resolution 24-12 – Employee Handbook Amendment	Mark	11:55
13. Brainstorming for the Future	Trustees and Staff	12:00
14. Adjourn		

Reasonable accommodation will be made for disabled persons needing assistance to attend or participate in this meeting. Please contact Dora Dominguez at 801- 968-9081 at least 48 hours before the meeting. Members of the Board and District staff may participate electronically.

MINUTES
TAYLORSVILLE-BENNION IMPROVEMENT DISTRICT
Board Meeting
August 26, 2024
Taylorsville-Bennion Board Room

Board Members Present

Don Russell	Board Chair
Matthew Swensen	Trustee
Kelton Kleinman via Teams	Trustee

Staff Members Present

Mark Chalk	General Manager/Clerk
Bruce Hicken	Director of Finance & Information/Treasurer
Tammy North	Director of Engineering & Development
Shawn Robinson	Director of Operations & Maintenance
Dan McDougal	Director of Risk & Asset Management
Dora Dominguez	Executive Assistant & Office Supervisor

The Board Chair opened the meeting at 2:07 p.m. and welcomed everyone. Kelton Kleinman offered the invocation.

Public Comments
There were no public comments.

Approval of Common Consent Items
The Board Chair discussed the approval of common consent items including Minutes for the Board meeting held on July 18, 2024, expense report, accounts payable, and electronic fund transfers report. The next Board meeting was confirmed for September 16, 2024, at 2:00 pm. The Strategic Planning Meeting was confirmed for October 2nd at 8 am. The General Manager remarked that the Strategic Planning Meeting is expected to be half a day.

The accounts payable report included in the board book contains construction, operation, and maintenance vouchers #22714-22843 for a total of 130 vouchers, with a dollar amount of $914,104.44. The accounts payable report also includes electronic fund transfers with a dollar amount of $411,225.46. The Board Chair inquired about check #22714 for $23,200 to Murray City. The engineer explained that the check was paid for the easements needed for the 1130 West Waterline Replacement. The following motion was made by Trustee Swensen, seconded by Trustee Russell:

RESOLVED: To approve the common consent items. The motion passed unanimously with the following votes:

Trustee Russell	Yes
Trustee Swensen	Yes

Trustee Kleinman Yes

Administrative Matters

Consider signing the Ownership and Maintenance Memorandum of Understanding (MOU) between CVWRF and TBID

The General Manager remarked that CVWRF is delineating ownership with all sister entities. He explained that the MOU between CVWRF and TBID delineates respective ownership and maintenance responsibilities. The following motion was made by Trustee Swensen, seconded by Trustee Kleinman:

RESOLVED: To approve for the Board Chair to sign the MOU between CVWRF and TBID. The motion passed unanimously with the following votes:

Trustee Russell Yes
Trustee Swensen Yes
Trustee Kleinman Yes

Finance and Information Matters

Discussion on Administrative Policies and Procedures Manual section 4.8 "Reserves/Contingency"

Mr. Hicken indicated that reserve funds are divided into three categories. The Emergency Reserve Fund, the Capital Construction and Central Valley Reserve Fund, and the Accrued Liability Reserve Fund. According to the rate study, the District will be able to resume funding the reserves in 2027. It is anticipated that reserves will be fully funded by 2032. The reserve fund's goal is $15M. There is $11.7M currently funded.

Mr. Hicken remarked that the District performed a detailed review of each reserve fund goal. The review included eliminating redundancies, updating amounts, and factoring in risk exposure after insurance. After the review, the Executive Management Team recommends combining the Emergency Reserve Fund with the Capital Construction Reserve Fund and setting the reserve goal at $8.5M. The $4M reserve fund goal for Accrued Liability was recommended to remain the same. The estimated liability between the purchase of future service years and retirement contribution through 12/31/2025 is about $5M. The Executive Management Team considers that the District should maintain 80% of the accrued liability in reserves. The total reserve fund's goal would drop from $15M to $12.5M.

The Board indicated agreement with the staff recommendation. The General Manager noted that policy revision would be prepared for the Strategic Planning Meeting.

Discussions and Reports

General Manager – Annual Strategic Planning Meeting Oct 2

The General Manager confirmed the Strategic Planning meeting for October 2nd at 8 am. He indicated that the meeting is expected to be a half day. The Customer Service Team will be the focus of the In-Depth review of the District's different departments this year.

The General Manager indicated that the Water Users Summit will take place on October 15, 2024, at the Davis Convention Center. The registration deadline is August 31.

Director of Engineering & Development – Projects and development updates
The Engineer reported on the following projects:
Cyprus Cove – This is a 12-lot townhome project on 4700 S and East of Bangerter. The contractor is planning on starting on August 28th.
Wasatch Canyons – The contractor continues to install the water and sewer main.
Legacy Plaza – The contractor has installed all meters and laterals.
Kessimakis – Waiting for final testing on the hydrants.
State Fleet Building – The District must raise a sampling manhole and the grease interceptor.
Take Five – The contractor is working on punch list items.
Meadowbrook Plaza Fire Line – Project has been completed.

Director of Finance & Information – July financials, EUM
Mr. Hicken indicated that interest rates are at about 5.5%. Cash available for operations minus outstanding capital cash projects is $6.5 million which is within the District's goal range of $4-8M. Water sales were $212K over budget for the month and $416K over budget year to date. Expenses are $1.2M under budget. Most of the difference is due to Central Valley's delayed projects. Interest income is at $1.1M for the year compared to the budgeted amount of less than $400K. The budget overall is about $2.6M better than expected year to date.

Mr. Hicken remarked that the CPI for July was 2.6%, the lowest it has been since 2021. The July CIP is the rate that will be used for budgeting purposes.

Operations & Maintenance – July water reports
Mr. Robinson indicated that July had high temperatures and minimum precipitation. The total water pumped and purchased was 2419-acre feet which is comparable to the years before conservation efforts began. Year-to-date total water sources are 7,643-acre feet. Due to the higher demand, the District was able to run a couple of wells that had not been run in a few years.

Mr. Robinson remarked that The District has been more vigilant in preventing sewer backups. Earlier this month, there was an ongoing overlay project at Settlers Point. A contractor had begun dumping asphalt into a manhole. A District sewer employee was TVing the lines and noticed a piece of asphalt in the sewer line. The sewer level had already begun to rise. The contractor was contacted, and the issue was resolved before it became a sewer backup.

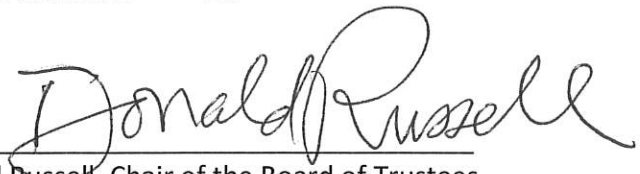
Risk & Asset Management - July customer water usage reports
Mr. McDougal reported that Tier 3 usage increased 7% and Tier 4 usage increased 8% compared to July of 2024. The District purchased marketing materials for conservation and applied for a grant from Jordan Valley to receive a 40% reimbursement on that expense.

Trustees – Updates, discussions, or reports
The General Manager noted that the District is still working with the properties owned by two different people, and it has a single water and sewer line.

Adjourn – The following motion was made by Trustee Swensen, seconded by Trustee Kleinman:

RESOLVED: To adjourn the Board meeting at 2:58 p.m. The motion passed unanimously with the following votes:

Trustee Russell	Yes
Trustee Swensen	Yes
Trustee Kleinman	Yes



Donald Russell, Chair of the Board of Trustees

October 2024

Sun	Monday	Tuesday	Wednesday	Thurday	Friday	Sat
		1	2 Strategic Planning 8:00 am- 12:30 pm	3	4	5
6	7 ****	8 WEFTEC	9 J V Brd Mtg 3:00 pm Conference	10 ****	11	12
13	14	15	16 ETM 8:00 am C V Budget Hearing 6:00 pm	17	18 TBID Brd Mtg 2:00 pm	19
20	21	22	23 C V Board Mtg 3:00 pm Fall Luncheon 12:00 pm	24	25	26
27	28	29	30	31		

November 2024

Sun	Monday	Tuesday	Wednesday	Thurday	Friday	Sat
					1	2
3	4	5	6	7	8	9
10	11 ****Veteran's Day Observed****	12	13 J V Board Mtg 3:00 pm	14	15	16
17	18	19	20 TBID Brd Mtg 4:00 pm Public Hearing 6:00 pm	21 C V Board Mtg 3:00 pm	22	23
24	25	26	27	28 ****Thanksgiving**	29 **Day****	30

Taylorsville-Bennion Improvement District
P. O. Box 18579
1800 West 4700 South
Taylorsville, Utah 84118
Telephone (801) 968-9081 Fax (801) 963-3199

Board Meeting Schedule 2024

Wednesday, January 17 at 2:00 pm

Wednesday, February 21 at 2:00 pm

Friday, March 15 at 2:00 pm

Wednesday, April 17 at 2:00 pm

Wednesday, May 22 at 10:30 am

Tuesday, June 18
Board Meeting 2:00 pm
Public Hearing 3:30 pm

Thursday, July 18 at 10:00 am

Monday, August 26 at 2:00 pm

Monday, September 16 at 2:00 pm **CANCELLED**

Budget and Strategic Planning Session
Wednesday, October 2 at 8:00 am

Friday, October 18 at 2:00 pm

Wednesday, November 20
Board Meeting at 4:00 pm
Public Hearing at 6:00 pm

Wednesday, December 18
Board meeting at 2:00 pm
Budget and Public Hearing 3:00 pm

CUSTOMER SERVICE TEAM

AGENDA

- Meet our Team
- District's Front Line
- Customer Service Support
- Educating Customers
- Account Maintenance
- Employee Functions
- Supporting other Departments
- Summary

MEET OUR TEAM

Dora Dominguez

Customer Service
Supervisor

Janet Pratt

Customer Service
Rep. II

Trina Gleason

Customer Service
Rep. II

Rochelle Bartschi

Customer Service
Rep. Trainee

District's Frontline

- Main Line Breaks
- Dirty Water Calls
- Sewer Backups
- District Projects
- Flushing Program
- High Bill Concerns
- Conservation (concerns/complaints)

Customer Service Support

- New service requests
- Landlord/Tenant account set-up
- Payment arrangements
- Final estimates
- Account balance Inquires
- 1,650 monthly payments
- 2,250 monthly calls

Educating Customers

- Water Usage
- Sewer Calculations
- Meter Portal
- Conservation

Account Maintenance & Problem Solving

- Name updates
- Mailing address changes
- Phone number and email updates
- Disconnecting tenant accounts
- Account research/adjustments
- Continuous Flow Report
- Low Water Pressure
- Frozen Lines

Employee Functions

- Parties
  - Employee Appreciation
  - Christmas Party
  - District's Anniversary Gathering
- Clothing Allowance
  - Uniform ordering
  - Embroidery
- Employee achievements
  - New Certifications
  - Service Award Anniversaries
  - Promotions

Supporting TBID

- Scanning completed
  - Work orders for the water service
  - Residential project files
- Scanning ongoing
  - Commercial project files
- Safety and Emergency Preparedness
  - Tracking safety meeting attendance
  - Updating emergency preparedness plan

Summary

The Customer Service Team is the liaison between District residents and the District. District employees are our internal customers. Any questions or concerns are answered in the best way possible.

The Customer Service Team has built strong relationships with every department in the District in the last several years.


WATER DISTRIBUTION
TAYLORSVILLE BENNION
IMPROVEMENT DISTRICT
WASTEWATER COLLECTION
1800 WEST 4700 SOUTH

Thank you

Lead and Copper

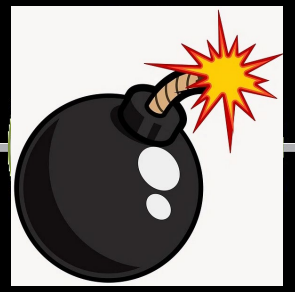
History

1991 — LCR established.

2000 — EPA published revisions to the LCR to address implementation issues arising from legal challenges to the 1991 rule.

2004 — EPA published minor corrections to the LCR to reinstate text that was inadvertently dropped from the rule during previous revisions.

2007 — LCR short-term revisions published.



Flint, Michigan water quality issues increase focus on corrosion control treatment.

2016 — EPA published Lead and Copper Rule Revisions white paper to outline potential regulatory options for improving the rule.

2021 — LCRR Proposed

PAST ← | → FUTURE

2024 — 1st LCRR deadline 10/16/24

Lead and Copper Rule Revisions (LCRR)

- Proposed in 2021
- Initial service line material inventory required by October 16, 2024- including water system side and customer side of the service line. Unknowns are okay- but must submit a plan to identify unknowns with inventory
- Extensive notification and reporting, increased monitoring and testing and possibly providing water filters if service line material is unknown, lead or galvanized requiring replacement and tests at certain levels
- Monitoring of schools and child care facilities
- Replacement Plan moving forward to replace lead and galvanized requiring replacement based on sample results
- Lead trigger level is 10ppb (15 ppb) and minor sampling changes

Chasing a moving target

- Proposed Rule changed with comments and then how it was interpreted by EPA and the State changed how the rule would be implemented- lots of back and forth:

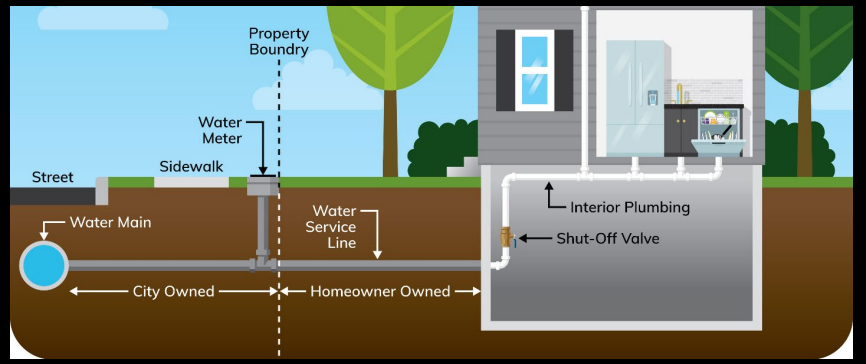
  What was considered part of the water service- lead solder, goosenecks? What evidence is acceptable as verification of material- records, homeowner info, institutional knowledge, standards? What year can be assumed as no longer allowing lead? Where can we pothole the line? Can we pothole a representative sample?

- TBID took initiative -met with the State Division of Drinking Water (before there was guidance available) to come up with a proposal that the State could accept in order for the District to be classified as not having lead in their system. This would allow us to instill Customer confidence and avoid additional public notification and other work.

- TBID was the first to propose anything to the State and elements of the proposal were used by the State in their guidance.

The Plan

- Service lines will be considered not lead if the service line is 2-inches or more in diameter, the service line was installed after the Federal ban in 1986 or there are records that are deemed reliable that identify the material of the service line in-front of the meter, behind the meter and at the house.
- Any service line not meeting one of the above criteria is considered unknown. From the list of unknowns identified, a statistically significant number of service lines was uniformly and randomly selected for verification. The sample size was large enough to ensure a statistical confidence level of 95% with a 5% margin of error that no lead service lines are in the water system. (13,769 unknown services required us to identify 374 service lines- identified an additional 15% of random locations in case we could not obtain the information).
- The unknown service line is considered verified if the material is identified, between the main and the meter, behind the meter, and at the house through records that are deemed reliable, visual inspection with or without excavation and customers survey's.



Hot and Cold Side of the Meter

Taylorsville Bennion Improvement
1800 West 4700 South

WORK ORDER

Work Order No. _____ Date _____

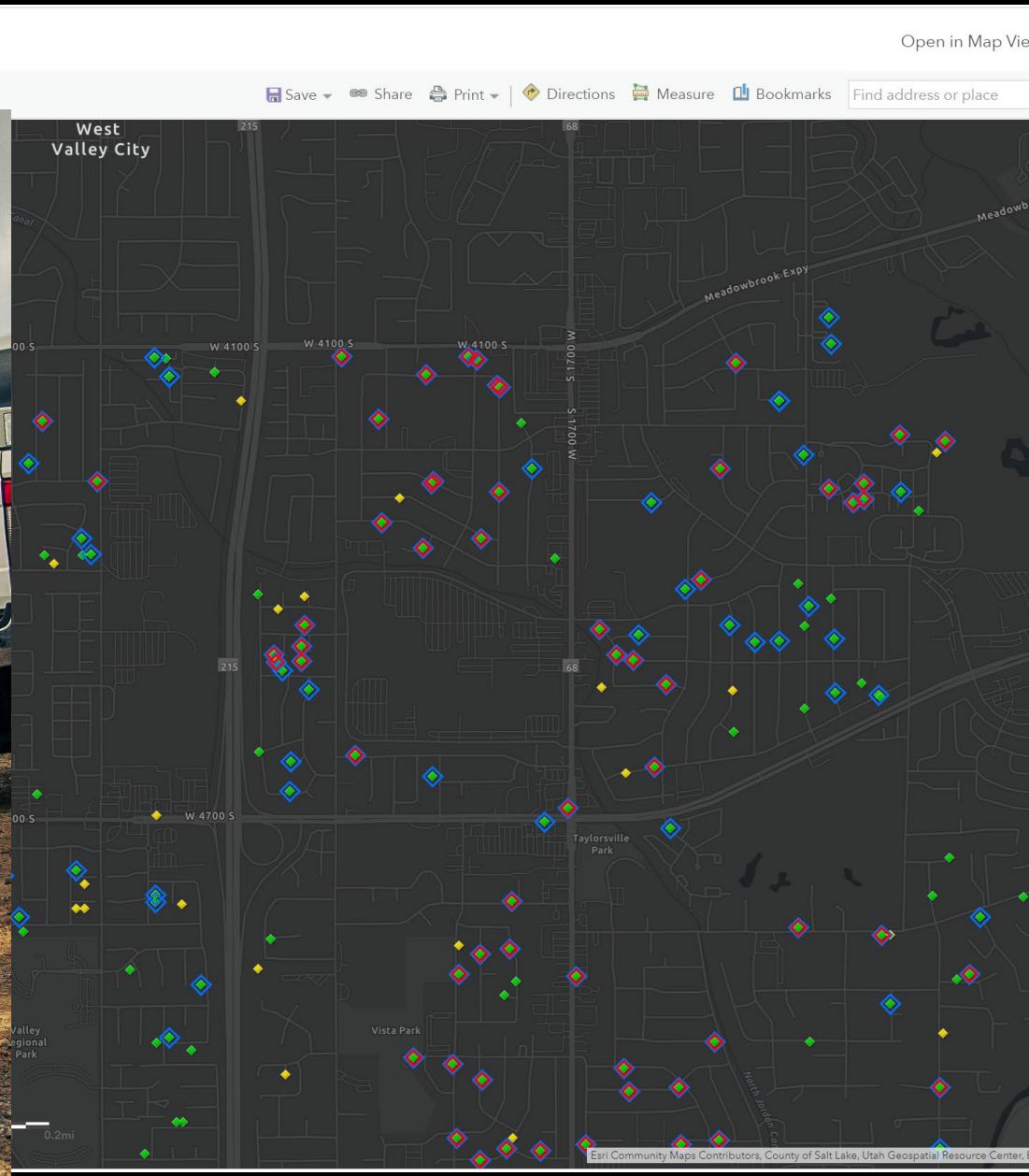
NAME Willow Bay #5
Address Jeff & Donna Mather 3451 W. 5775 So.
Work to be done: 3/4" WATER CONNECTION

DIGGERS - VERL - JERRY - GREGG - JOHN - H

Material Used:
1 - BOX
1 - RING & LID
1 - 3/4" CORP STOP
1 - 15" COPPER SETTER
3' - COPPER PIPE
35' - PLASTIC PIPE

Remarks from Field: meter # P 6044833
meter is set and on

Signature _____



Customers Side

Step 2 – Identify your water service line material type

Use the table below to help you identify what material your service line is made of in the Service Line Test Area. If you are unsure, there is a simple test that you can perform to help you figure out which one it is. You can gently scratch the surface of the pipe with a coin or key. **If the pipe is soft and easily scraped, silver in color, and if a magnet doesn't stick, it is most likely lead.** If it is easily identified by the table below (if the line is white, blue or copper colored), then no scratch test or magnet test is necessary. If you have any questions as you do this, please don't hesitate to give us a call at 801-968-9081 and we can walk you through this over the phone.

Lead
A dull, silver-gray color that is easily scratched with a coin. Use a magnet - strong magnets will *not* cling to lead pipes.

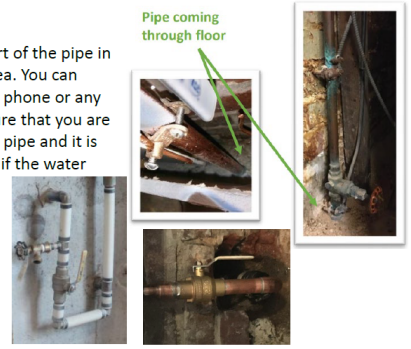
Galvanized
A dull, silver-gray color. Use a magnet - strong magnets *will* typically cling to galvanized pipes.

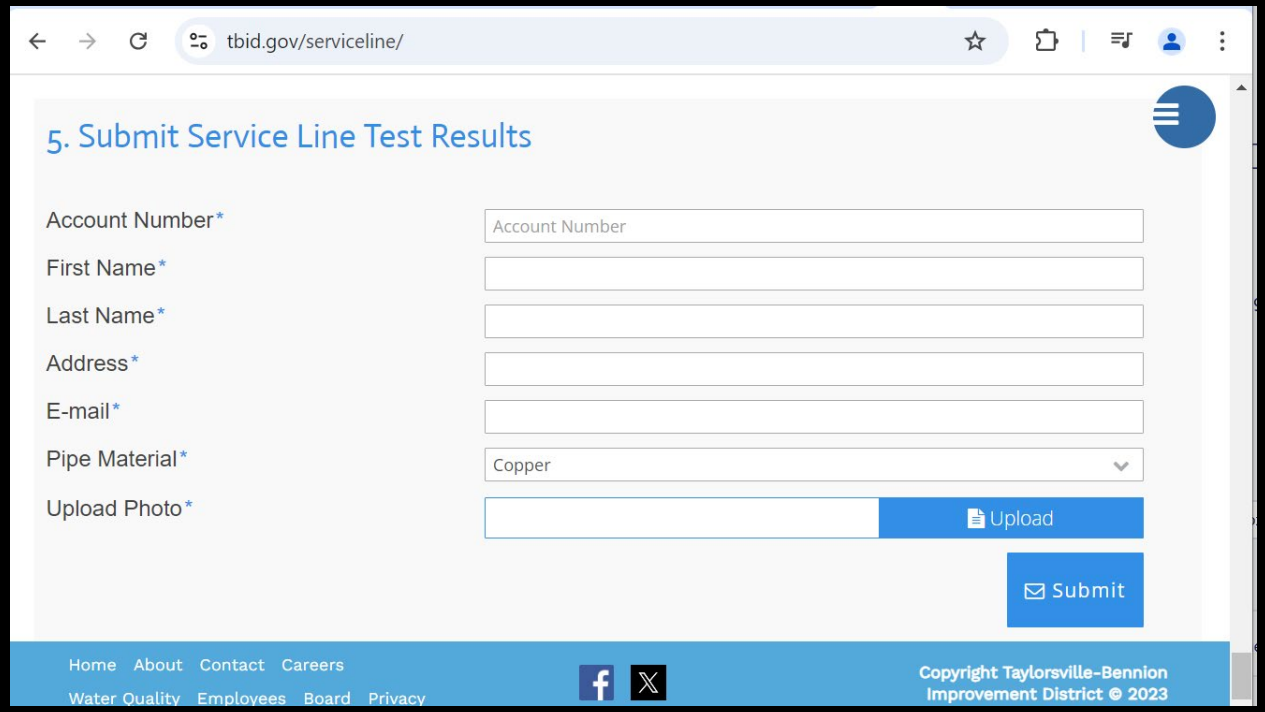
Copper
The color of a copper penny.

Plastic
White, rigid pipe that is joined to water supply piping with a clamp.

Step 3 – Take a picture

Take a picture of the part of the pipe in the Service Line Test Area. You can take it with your mobile phone or any camera you have. Be sure that you are close enough to see the pipe and it is well lit. It is also helpful if the water turn-off valve is shown or if you can see where the pipe is coming into the home. You may need to move some insulation to get a great picture.





Home ▾ Lead and Copper House Material Review

Open in Map Viewer N

Details | Add ▾ | Edit | Basemap | Save ▾ | Share | Print ▾ | Directions | Measure | Bookmarks | Find address or place

About | Content | Legend

Legend

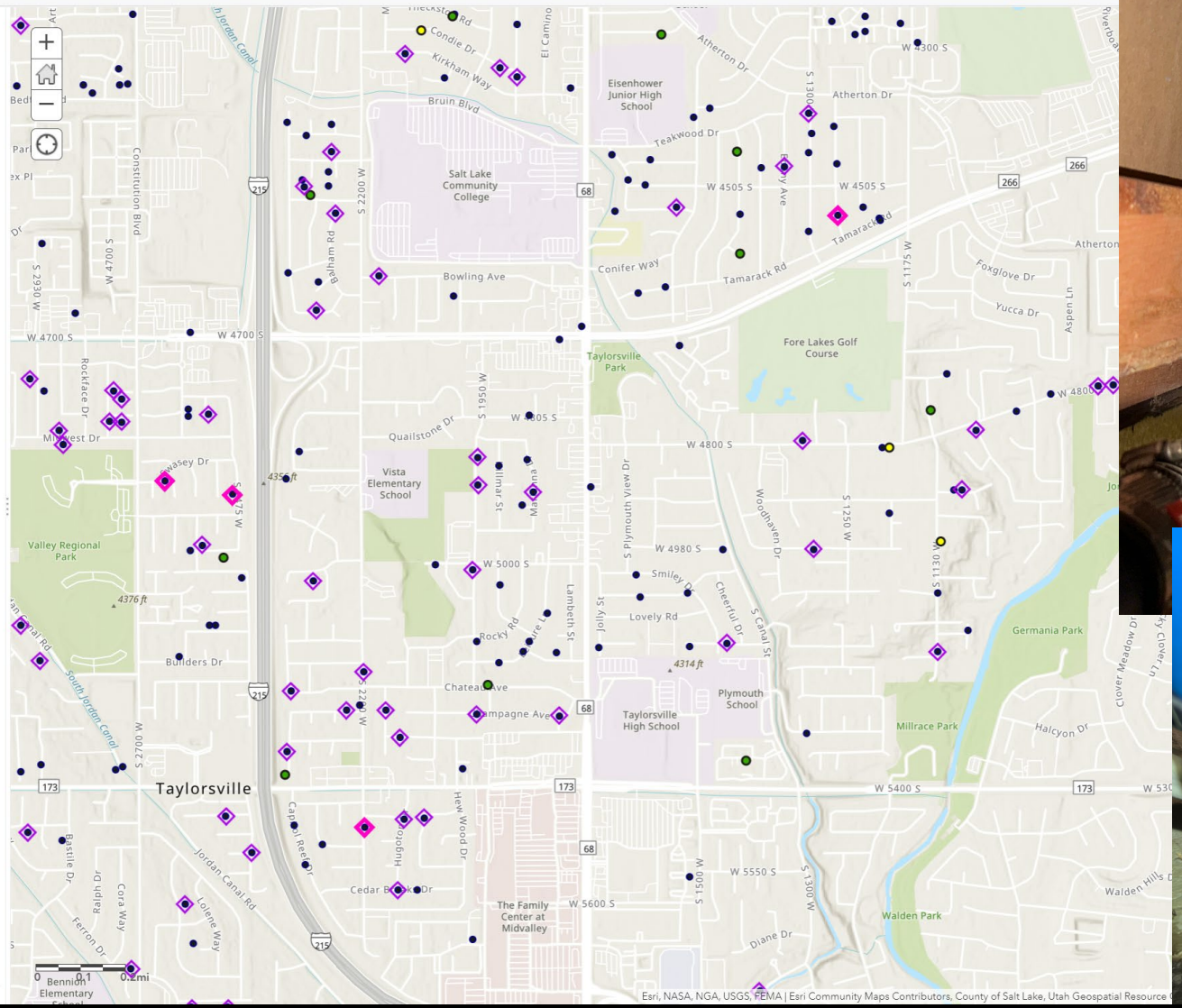
Customer Surveys Recived -Needs Follow Up

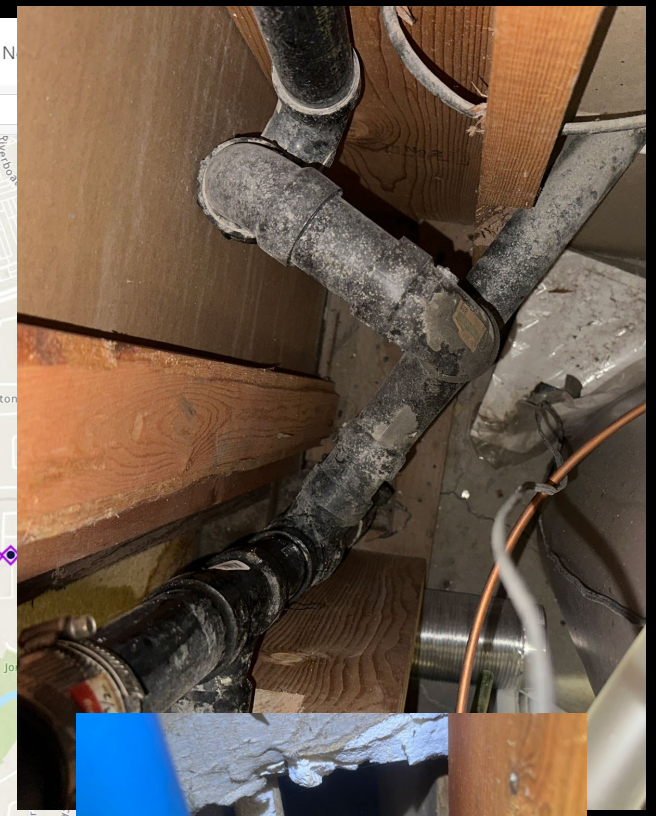
Customer Surveys Recived

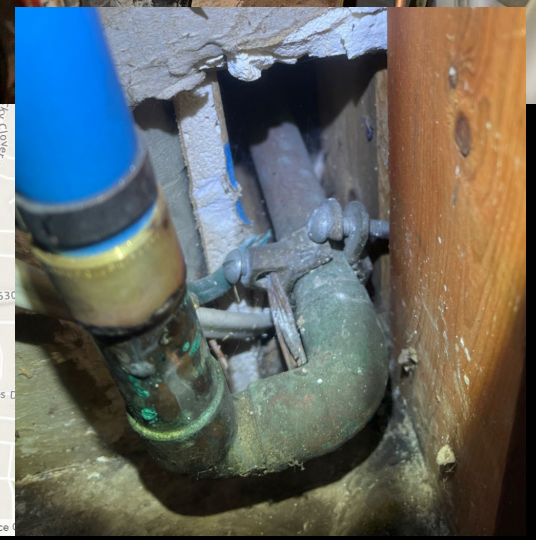
House Material 374 Unchecked

House Material Extra 15% Unchecked

House Material Checked

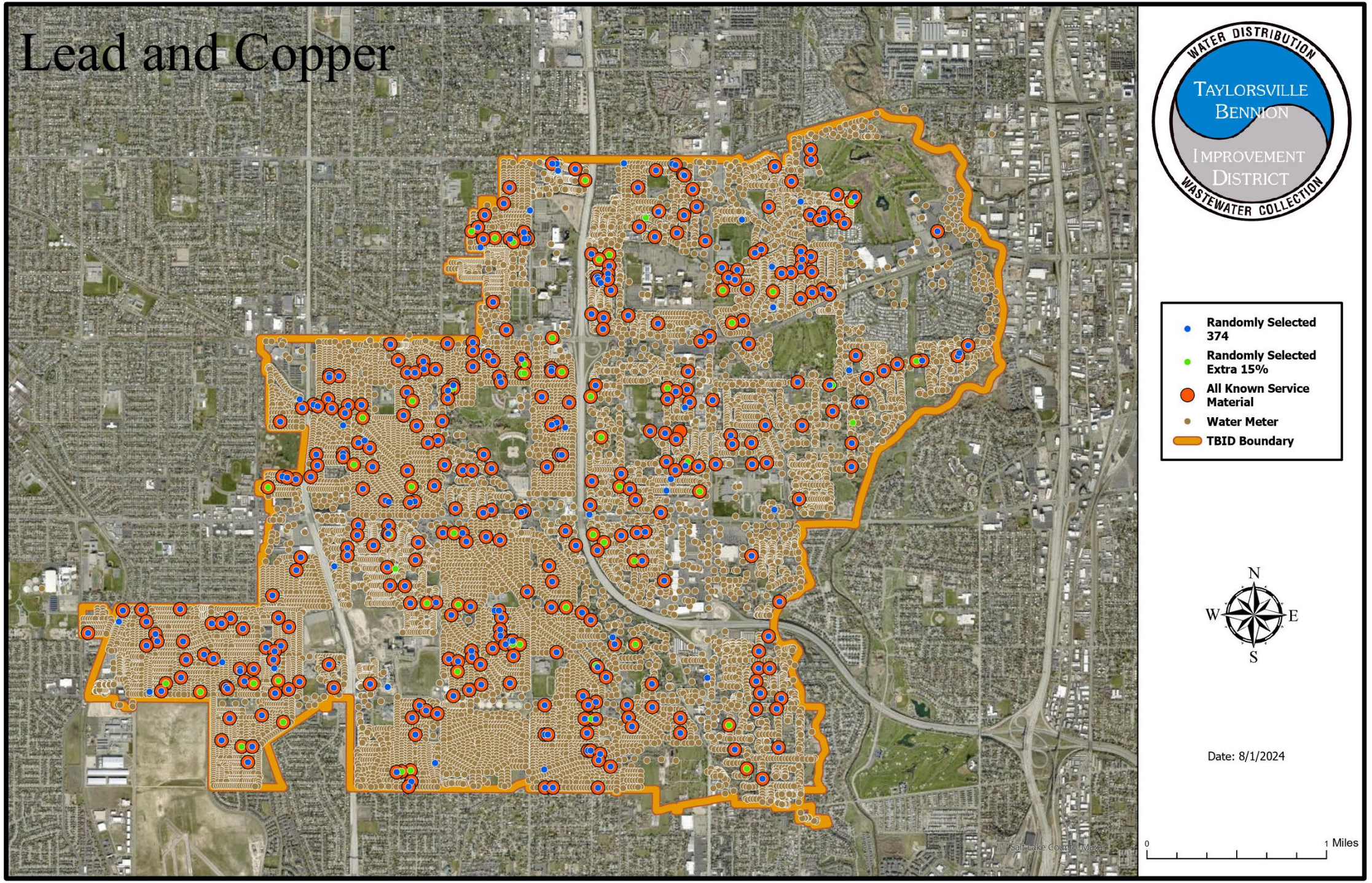






Trust Center | Contact Esri | Report Abuse

Lead and Copper




TOGETHER
WE CAN MOVE
MOUNTAINS!


NO
NO
NO
NO
NO
NO
NO
NO
NO

Lead and Copper Rule Improvements (LCRI)

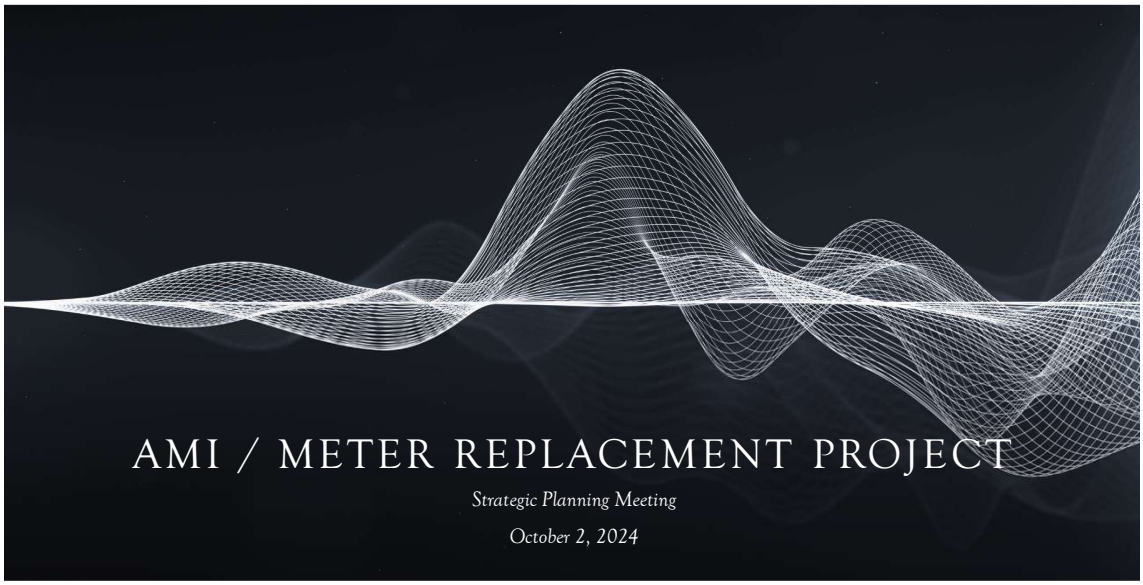
- Proposed Rule announced on November 30,2023 building on LCRR requirements and ultimately replacing it.
- Original inventory requirement and deadline is still in effect.
- Inventory is to be updated and shall include connectors (goosenecks) on service lines.
- Systems must validate the accuracy of the non-lead service line category no later than 7 years after the compliance date
- Material of all unknown service lines shall be identified
- Sampling protocol changes
- Waiver for school sampling expanded
- The lead action level will be moved to 10ppb.
- 100 % of lead pipe replacement within 10 years.


WHERE ARE WE GOING
AND WHY AM I IN THIS
HANDBASKET?


THIS WAY
THAT WAY
ANOTHER WAY

What do we do now?

- Review records for information on connector materials and add it to the database.
- Continue to gather data about service line materials where we don’t have it in all three locations
- Actively engage with the regulatory authorities on what implementation may look like.
- Re-evaluate plans and requirements as we may now be considered to have lead service lines- what additional requirements will we have? (identify all materials everywhere, validation of non-lead, additional testing, policy for replacement of customer and District service line, providing filters, etc.)



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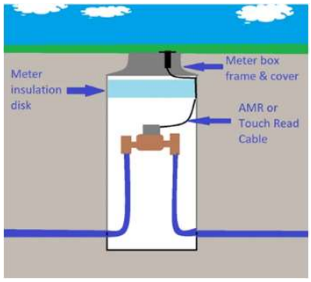
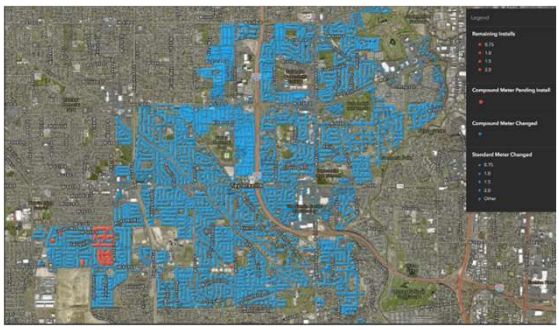




AMI / METER REPLACEMENT PROJECT

- Project Summary
  - Replacing Meters (End of useful life)

	Total	Complete (As of 9/23/24)
• 5/8"	16,169	15,817
• 1"	445	433
• 1.5"	375	373
• 2"	279	273
Total	17,268	16,896 (97.85%)

(3,100,000 Cost of Meters)

TBID Staff / Contractors

	Total	Complete (As of 9/23/24)
• 3"	25	23
• 4"	19	17
• 6"	12	1
• 8"	4	1
• 10"	1	0
Total	61	42

($190,000 Cost of Meters)
(Budget savings of $1.5M if done by TBID staff)

2

AMI / METER REPLACEMENT PROJECT

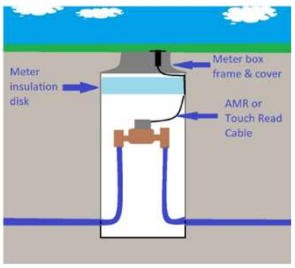
- Project Summary
  - Older meters are designed to measure less water as they fail
  - EUM – Shows 5/8" meters measuring at 94.6% (92.9% in 2022)
  - Lost revenue – Approximately $350k / year
    - Recover Meter Cost in 9.4 years

3

AMI / METER REPLACEMENT PROJECT

- Meter Performance Results
  - Small Meters
    - Increase of 16.4%
      - Climate – 8.3%
      - Meter Accuracy – 8.1% - $400k Annually
  - Large Meters
    - Increase of 19.8%
      - Climate – 8.3%
      - Meter Accuracy – 11.5% - $41k Annually
  - Captured Revenue – Annually
    - $441k
  - Predicted Captured Revenue – Annually
    - $350k

4



AMI / METER REPLACEMENT PROJECT

- Project Summary
- Positive Displacement Meter to Neptune Ultrasonic Meter
- Transitioning From Automated Meter Reading (AMR) to Advanced Metering Infrastructure (AMI)
  - Driveby reading to Cellular reading Cellular MIUs
- Current reading rate
  - 99.4% Within 7 Days
  - 97.9% Within 3 Days
  - 95.7% Within 1 Day

5

AMI / METER REPLACEMENT PROJECT

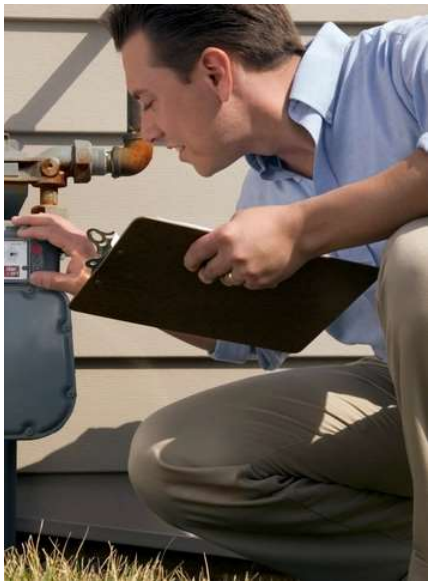
- Project Summary
  - Meterworks – Contracted to Install Meters 2" & Smaller
- GIS Used For Tracking
  - Various Dashboards

6

AMI / METER REPLACEMENT PROJECT

Meter Operations

- No (limited) manual meter reading
- Track consumption – communicates 4 times per day and uploads usage in 15 minute increments
- Remotely detect continuous usage
- Identify tampering
  - (Illegally Turn on Meters)
- Detect non-communication or meter errors



7

AMI / METER REPLACEMENT PROJECT

Customer Service

- Resolve customer inquiries with near real-time data
  - Specific usage information – Narrow down to each 15 minutes
  - Landlord – Two properties – One property was double the usage – Landlord believed our meter to be inaccurate - Able to use Neptune meter data to help customer see irrigation patterns – Landlord was able to adjust irrigation
- Proactive customer alerts (Help customer set up portal)
  - Positive customer response to portal
- Flag potential high consumption before customer receives bill (Continuous flow reports – Customer action within days instead of weeks)

Online Customer Portal – 740 (4.37%)

- Customer access to their data online
- Set alerts for desired thresholds – Daily Usage / Vacation
- Establishing goal to increase portal usage – Part of Conservation Plan Update

8

AMI / METER REPLACEMENT PROJECT

Water System Operations

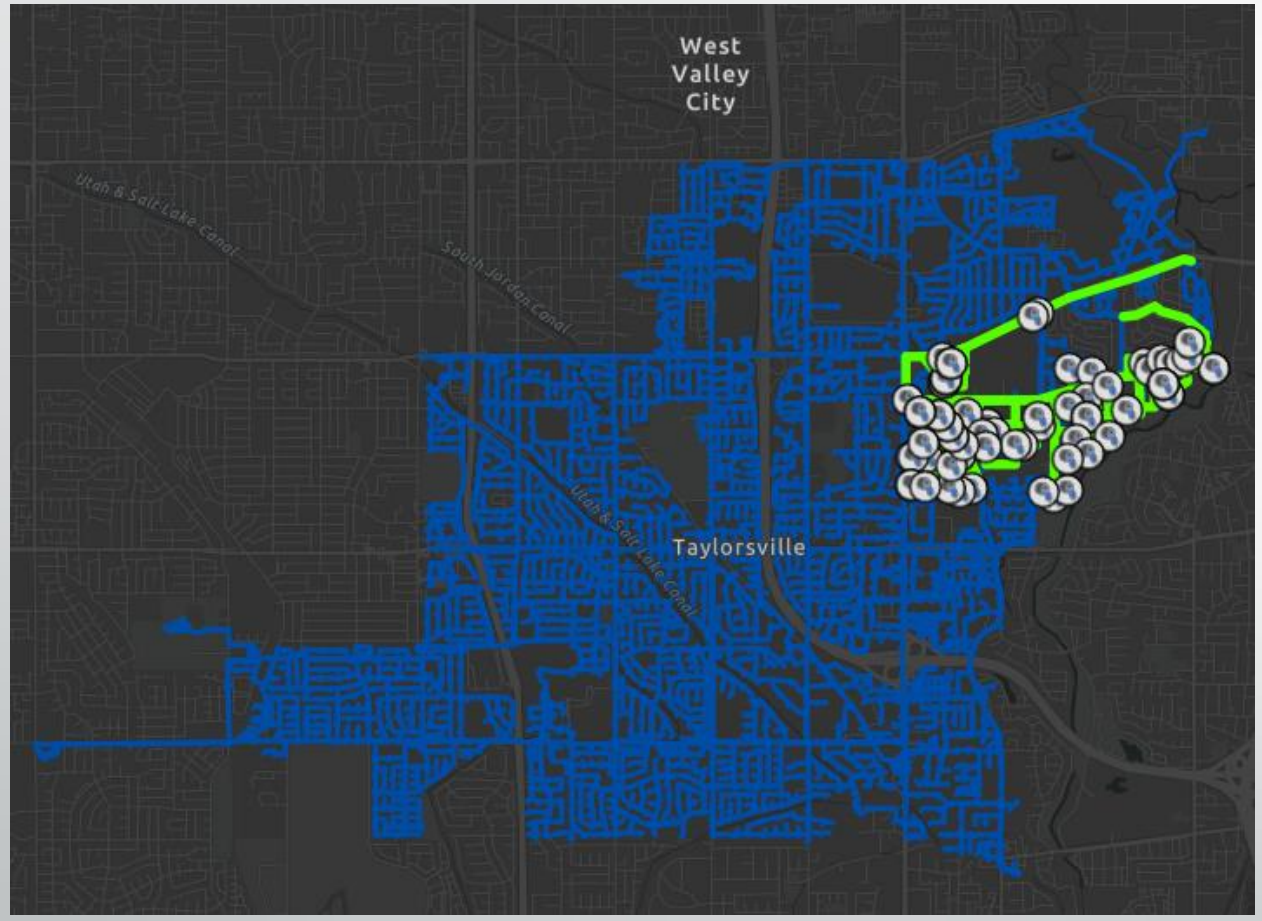
- Immediate final reads for move in/out – Expedite final bills
- Assist with billing estimates / More accurate and less time to estimate
- Detect & identify duration of leaks
  - Can verify if leaks have been fixed
- Zero usage checks
  - Prior – Send Technician out to check meter functionality
  - Current – Check meter data to see if there is usage
    - Significant reduction!
      - 50 to 200 monthly to less than 10 per month currently

9

AMI / METER REPLACEMENT PROJECT

10

2024
Flushing Program



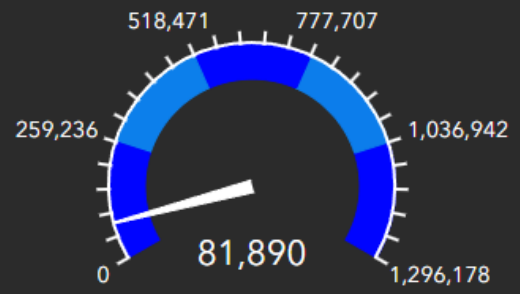
Gallons Flushed
4.26M

Acre Feet Flushed
13.131

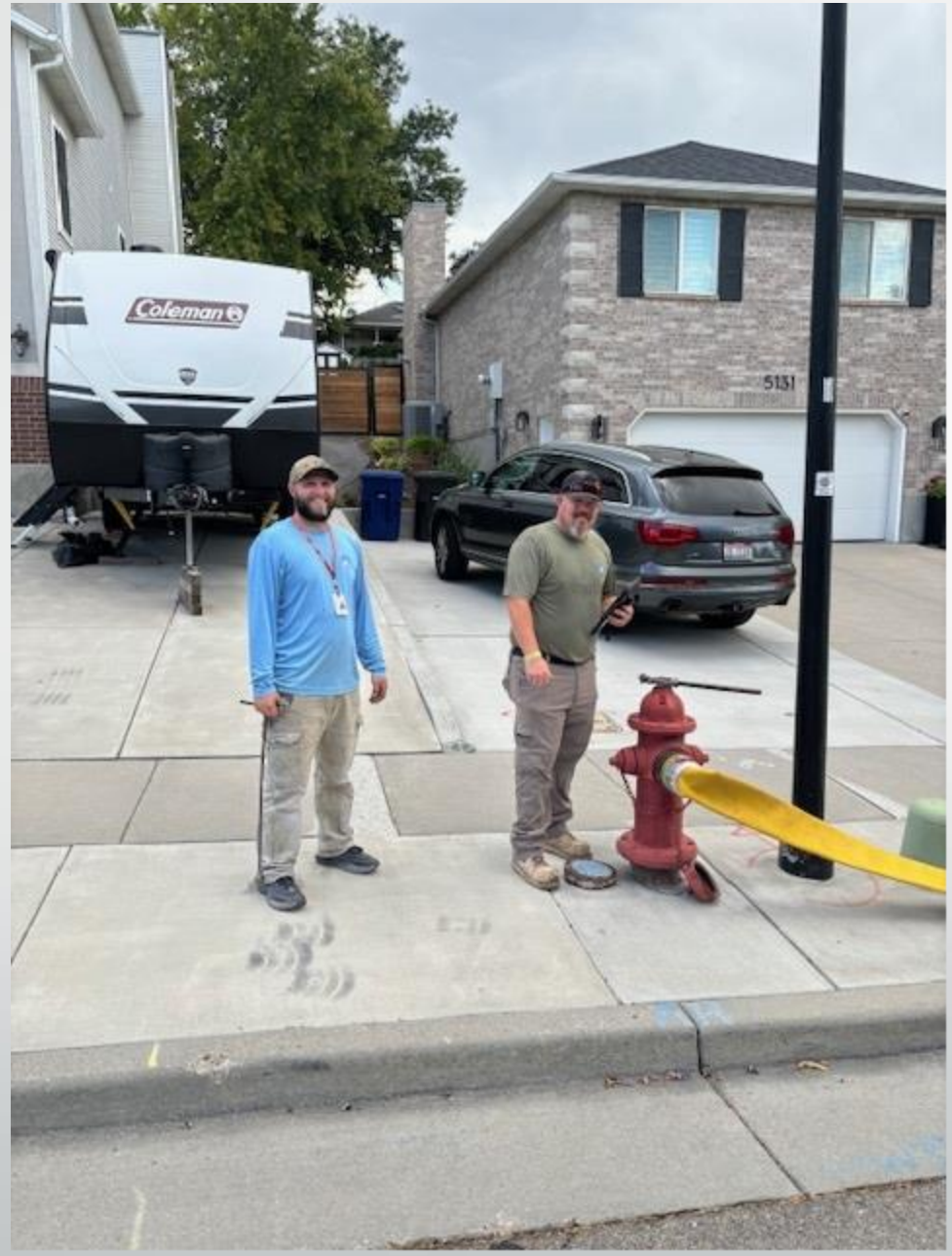
Flushing Records
71
Count

Flushed Footage
81,890

Over All Progress



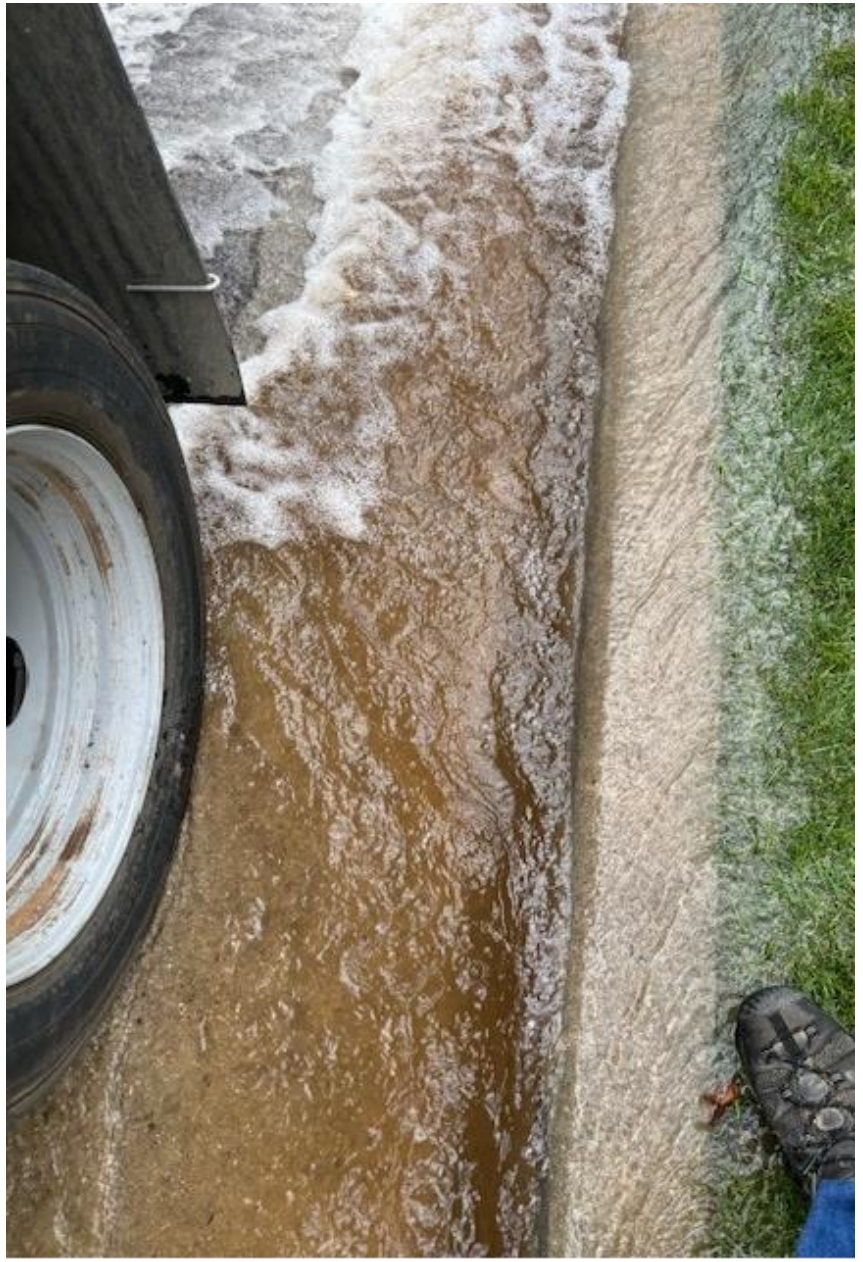
Total Water Line Footage
1.3M

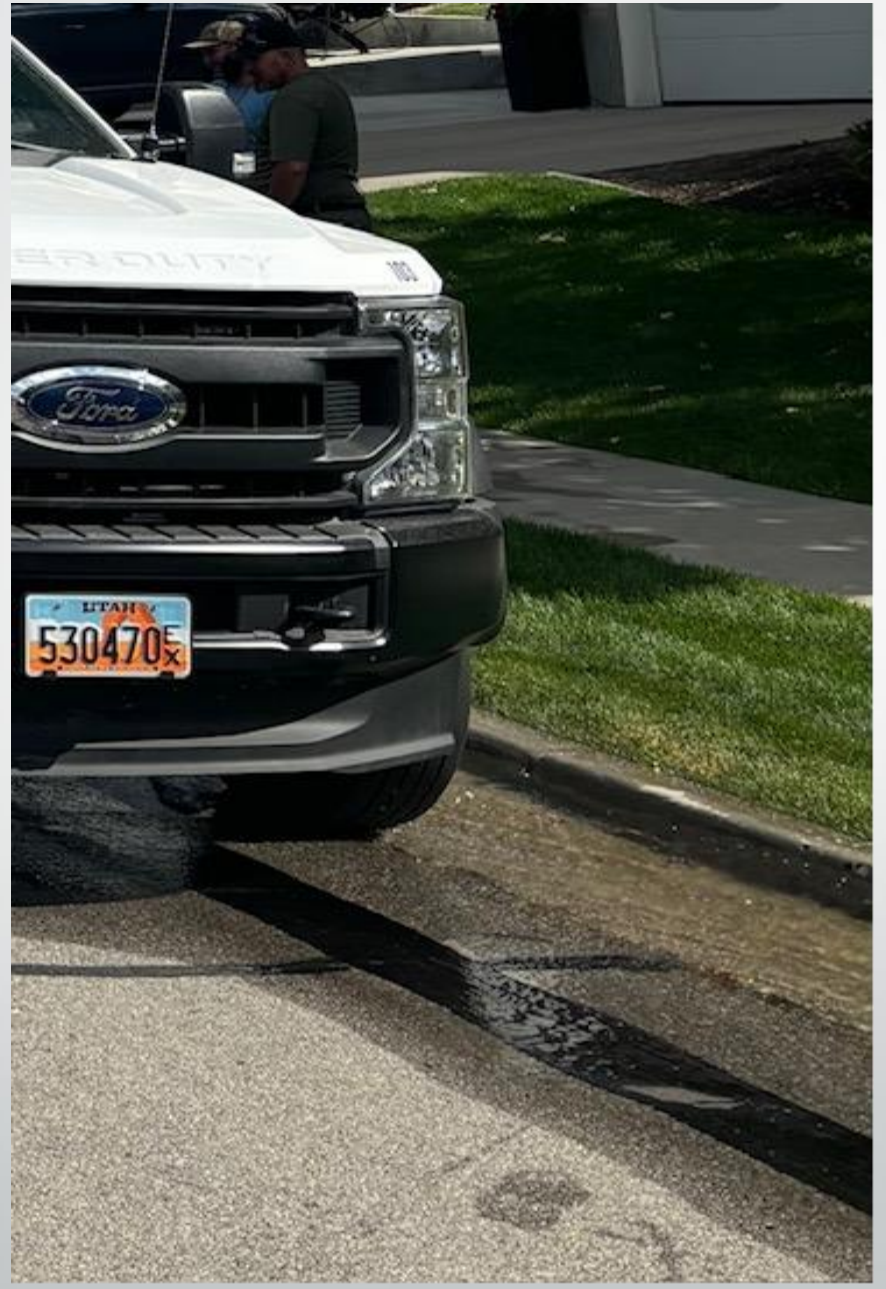

Coleman
5131


WWW.TURNVALVES.COM
KNAPHEIDE


HACH
2100Q

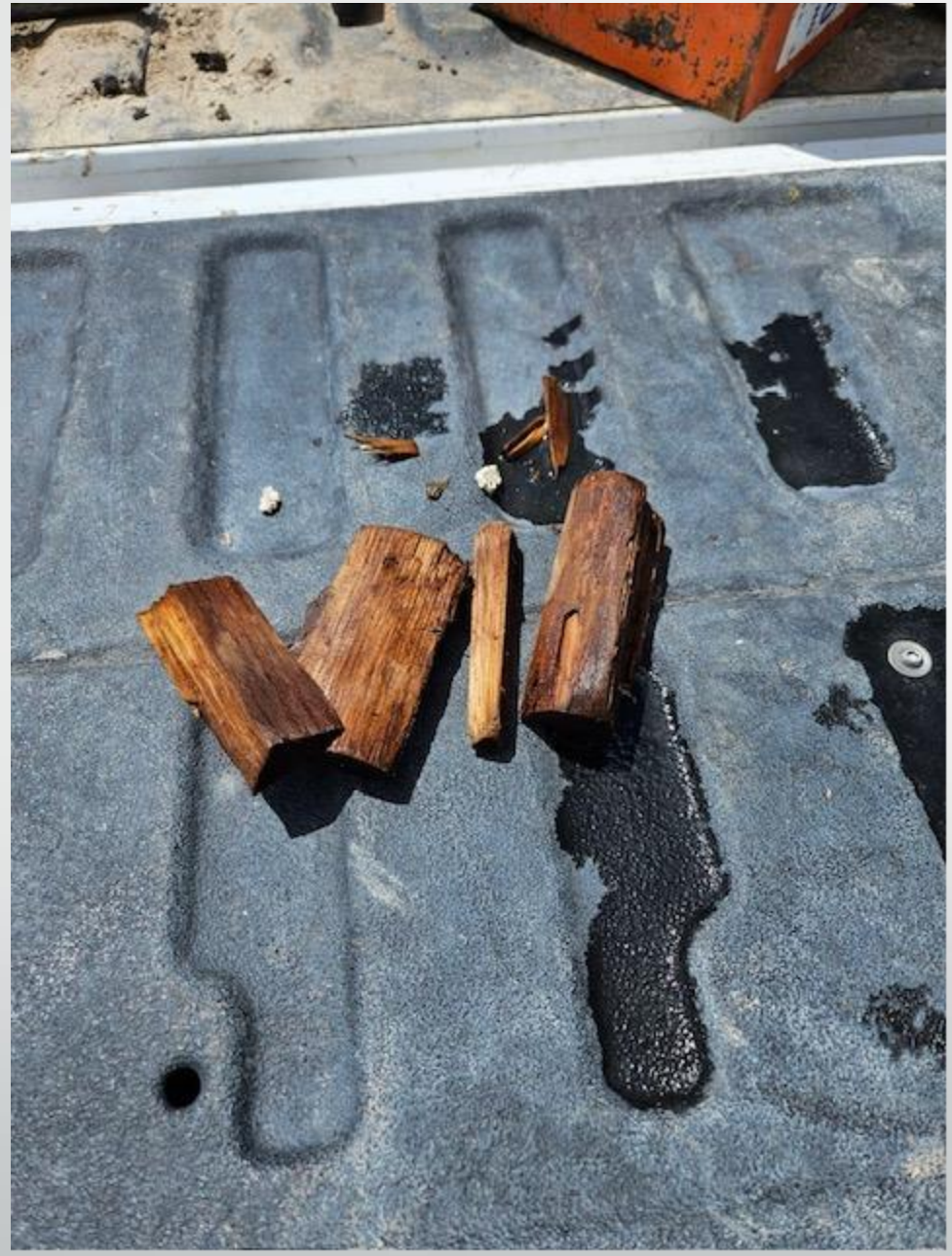

HACH
2100Q

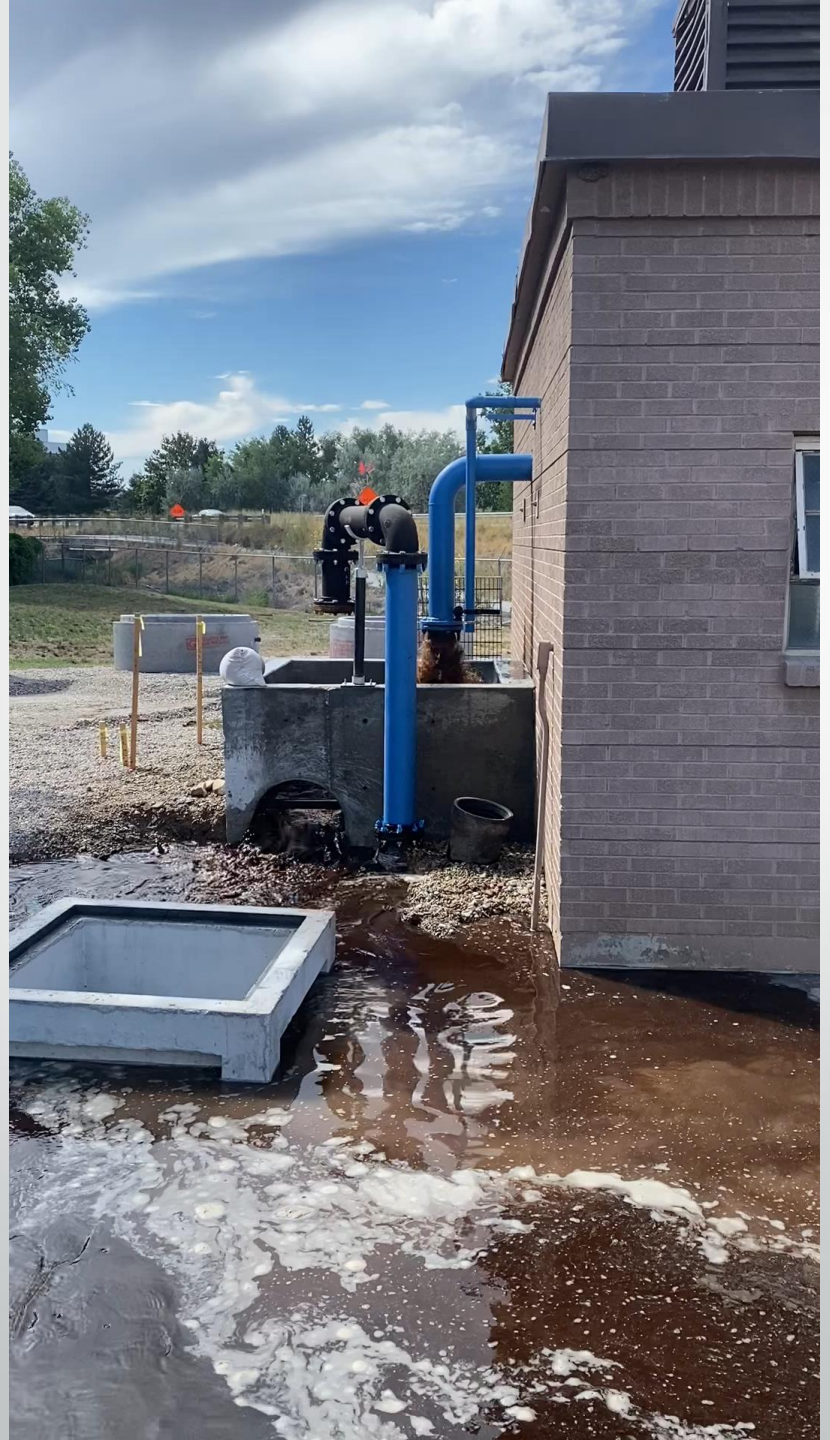


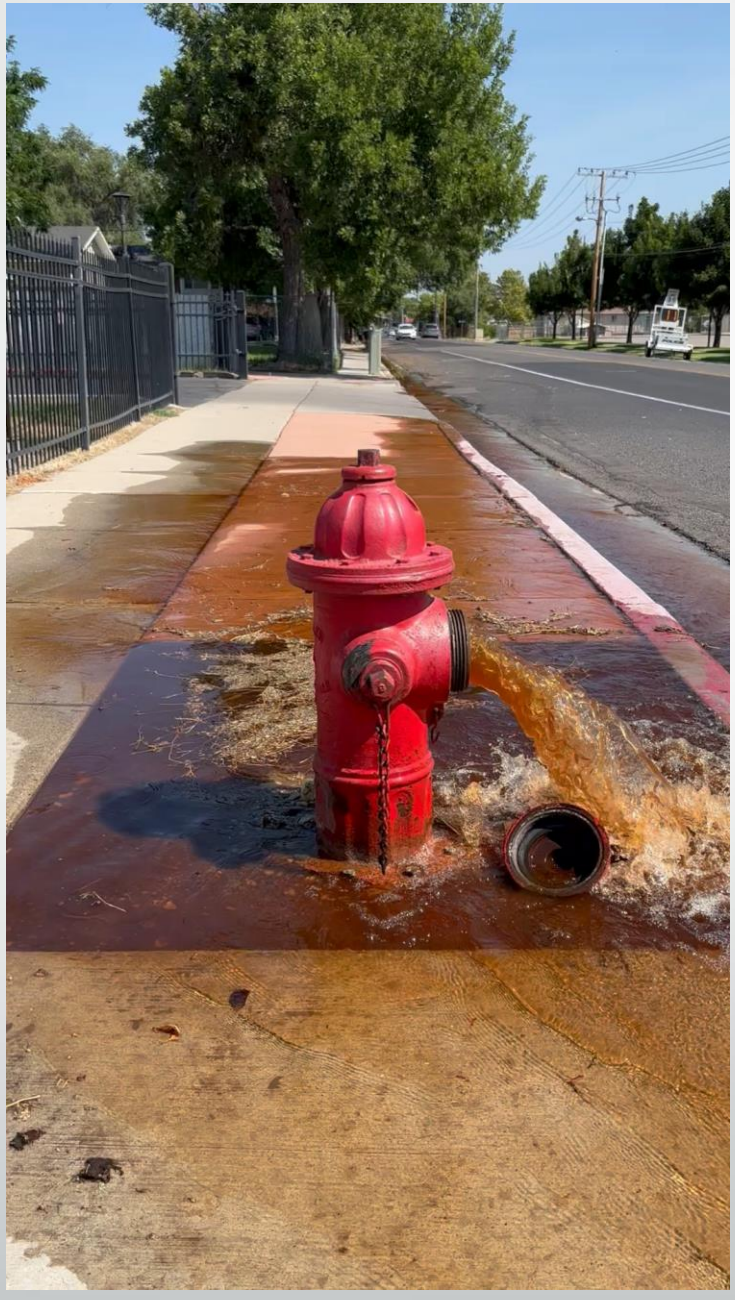

Ford
UTAH
530470E

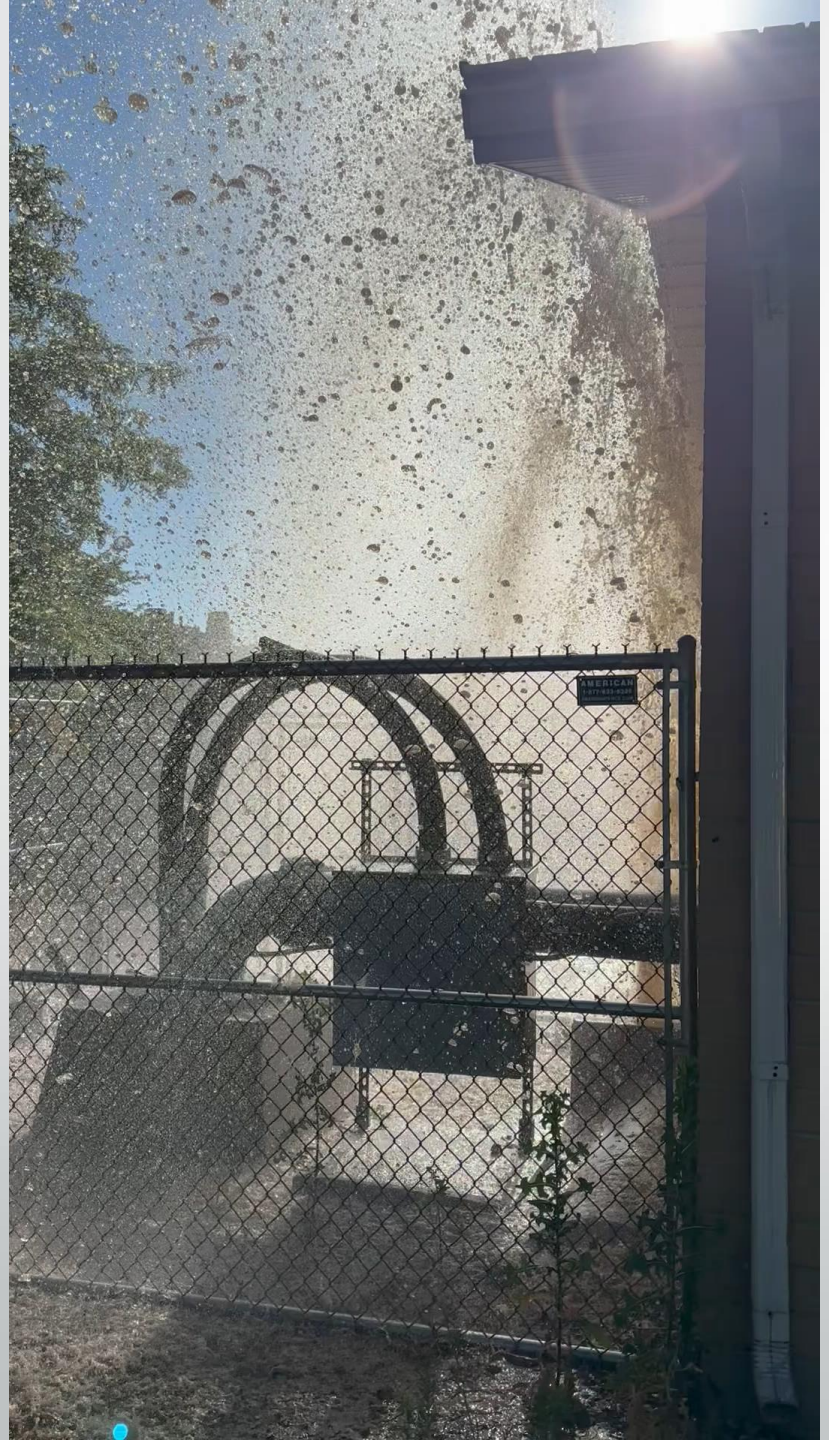

WATER DISTRIBUTION
WASTEWATER COLLECTION
FLUSHING PROGRAM IN PROGRESS
MONDAY - FRIDAY 8 AM - 4 PM
WWW.TBID.ORG - 801-968-9081
VISIT OUR WEBSITE OR CALL FOR MORE INFORMATION


WACBS
VALVE
CREW
Pollard
Water
LPD-250

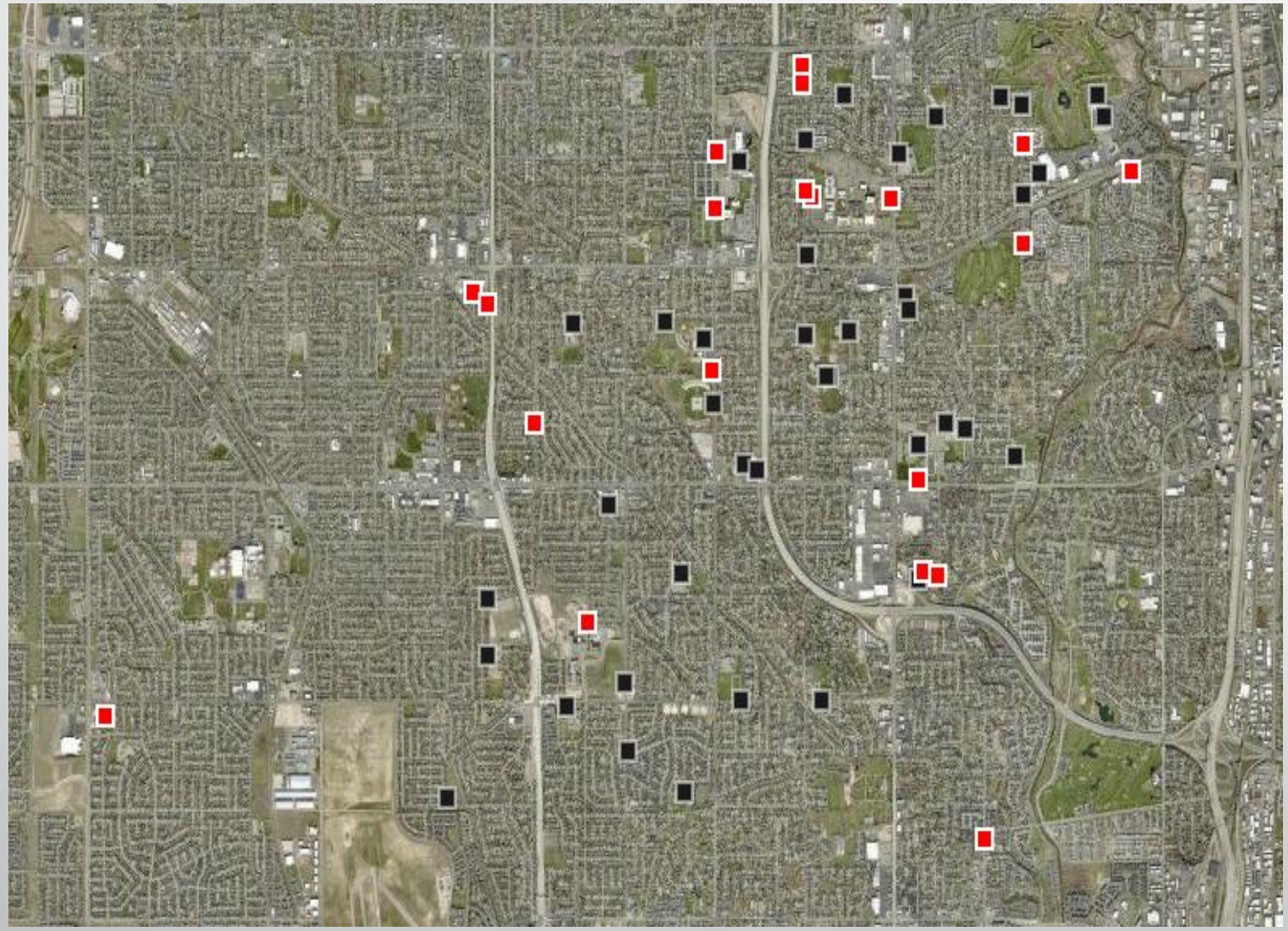








2024 Large Meter Changeout



Legend

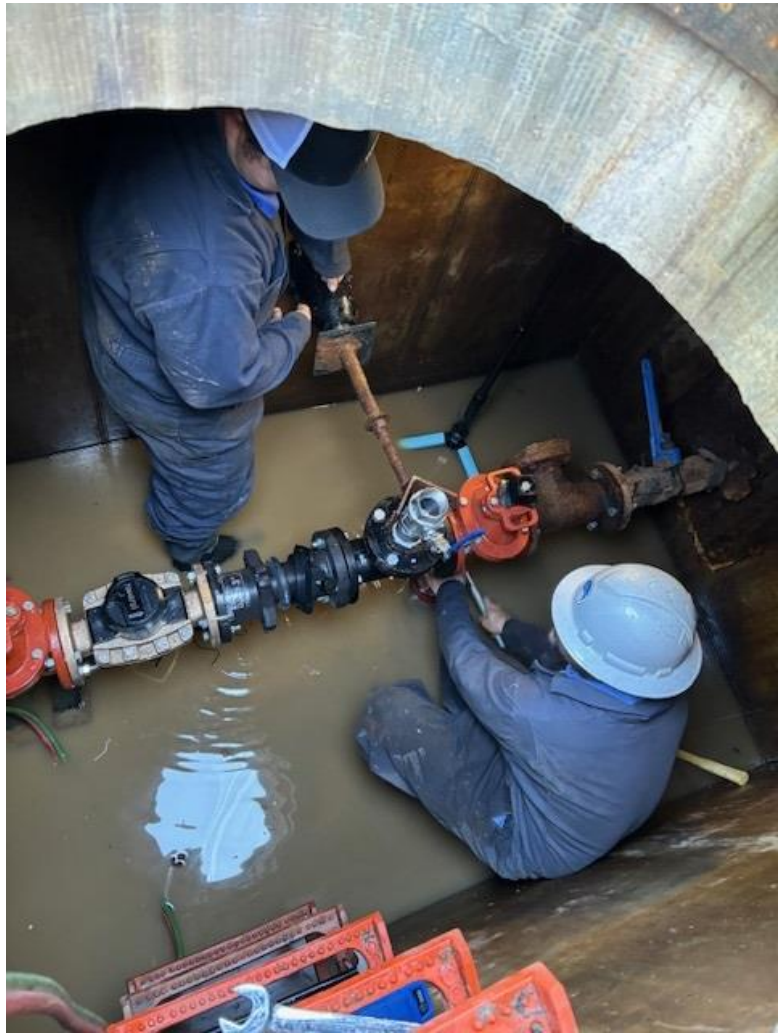
Large Meter Change Pending

Large Meter Changed

Large Meter Summary

		Quantity
3" Turbine		6
3" Compound		19
4" Turbine		8
4" Compound		12
6" Compound		3
6" Fire Protect w/ 1.5" bypass		6
8" Fire Protect w/ 2" bypass		4
10" Fire Protect w/ 2" bypass		1
		59

Started on March,7 2024

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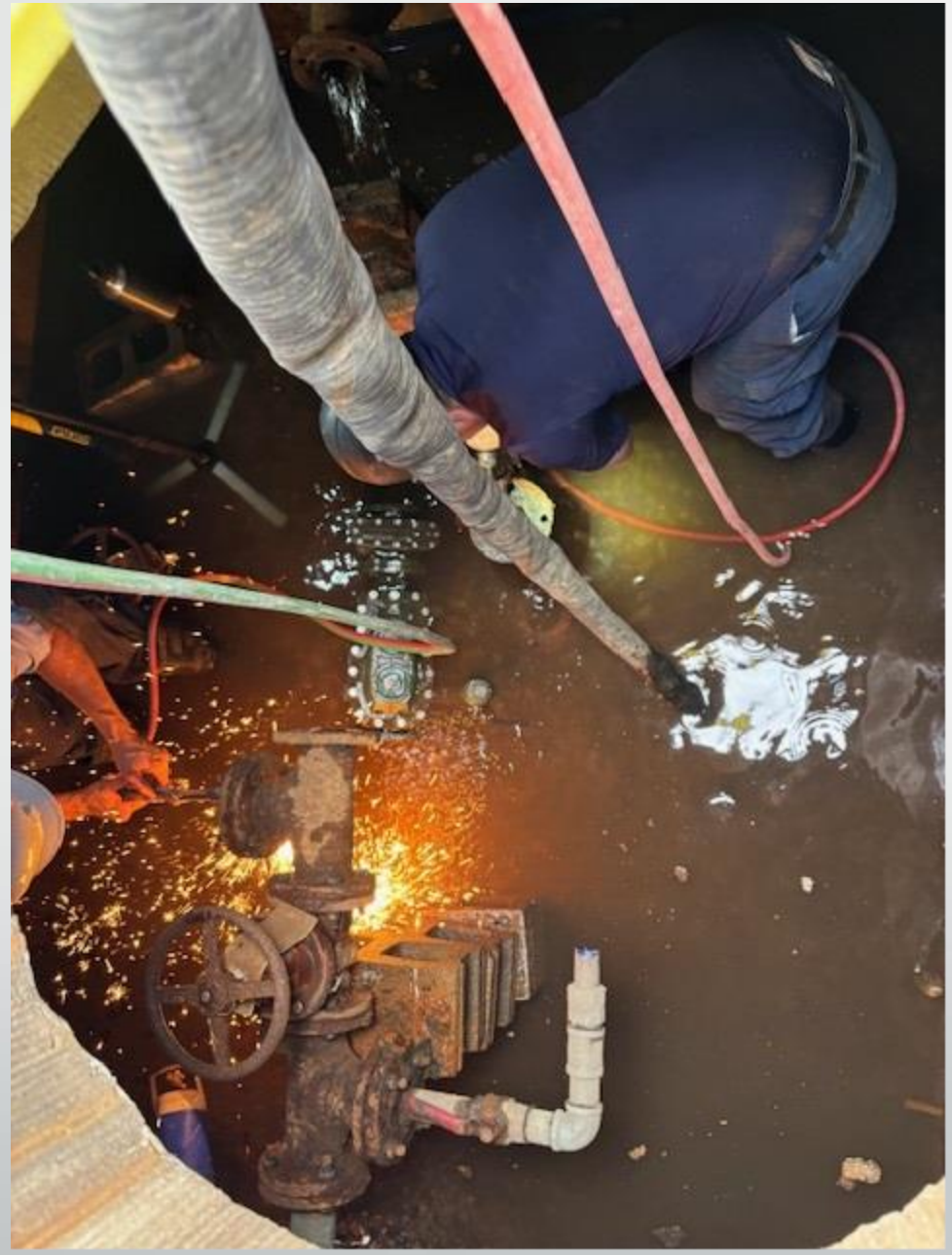

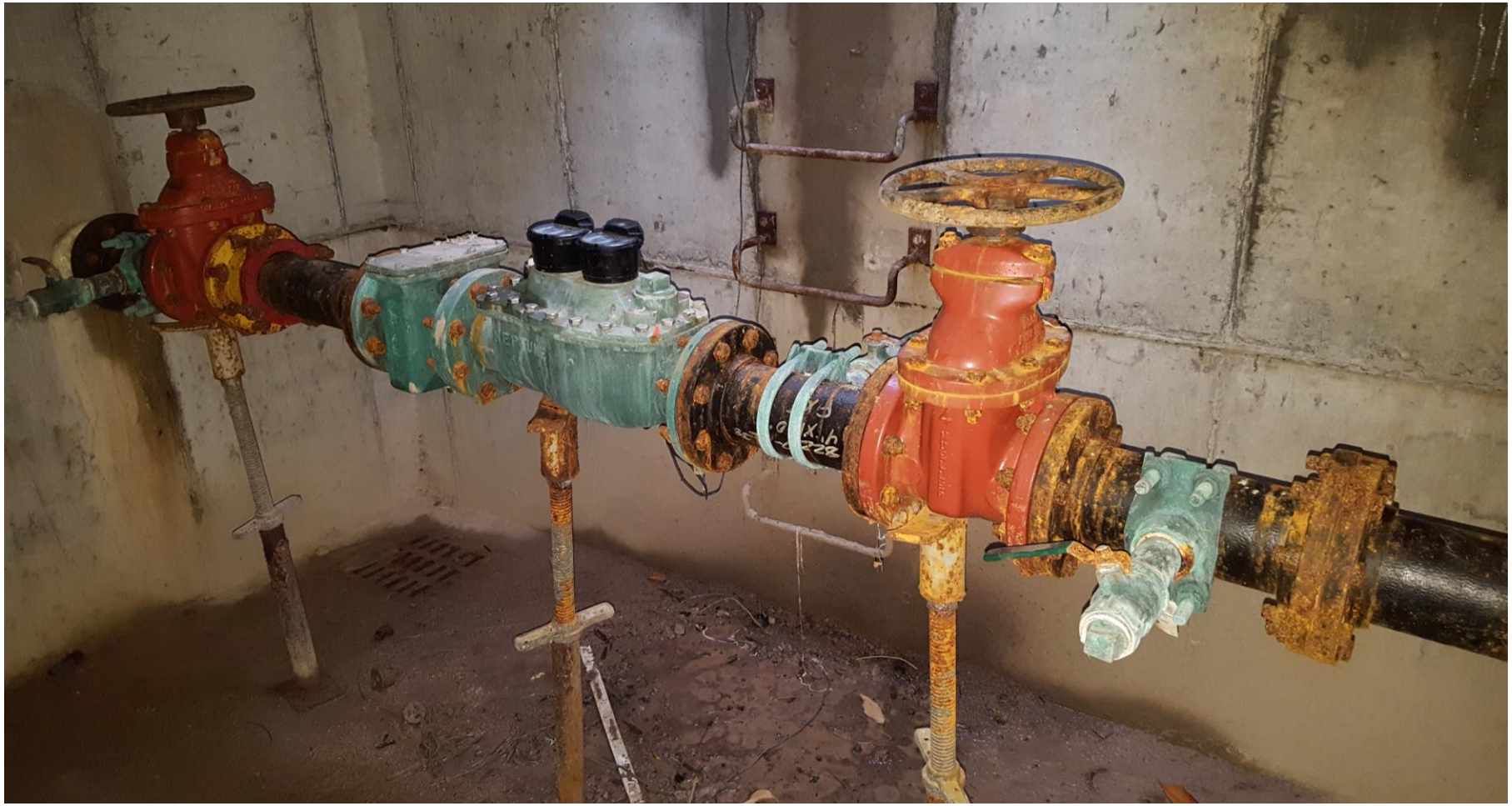

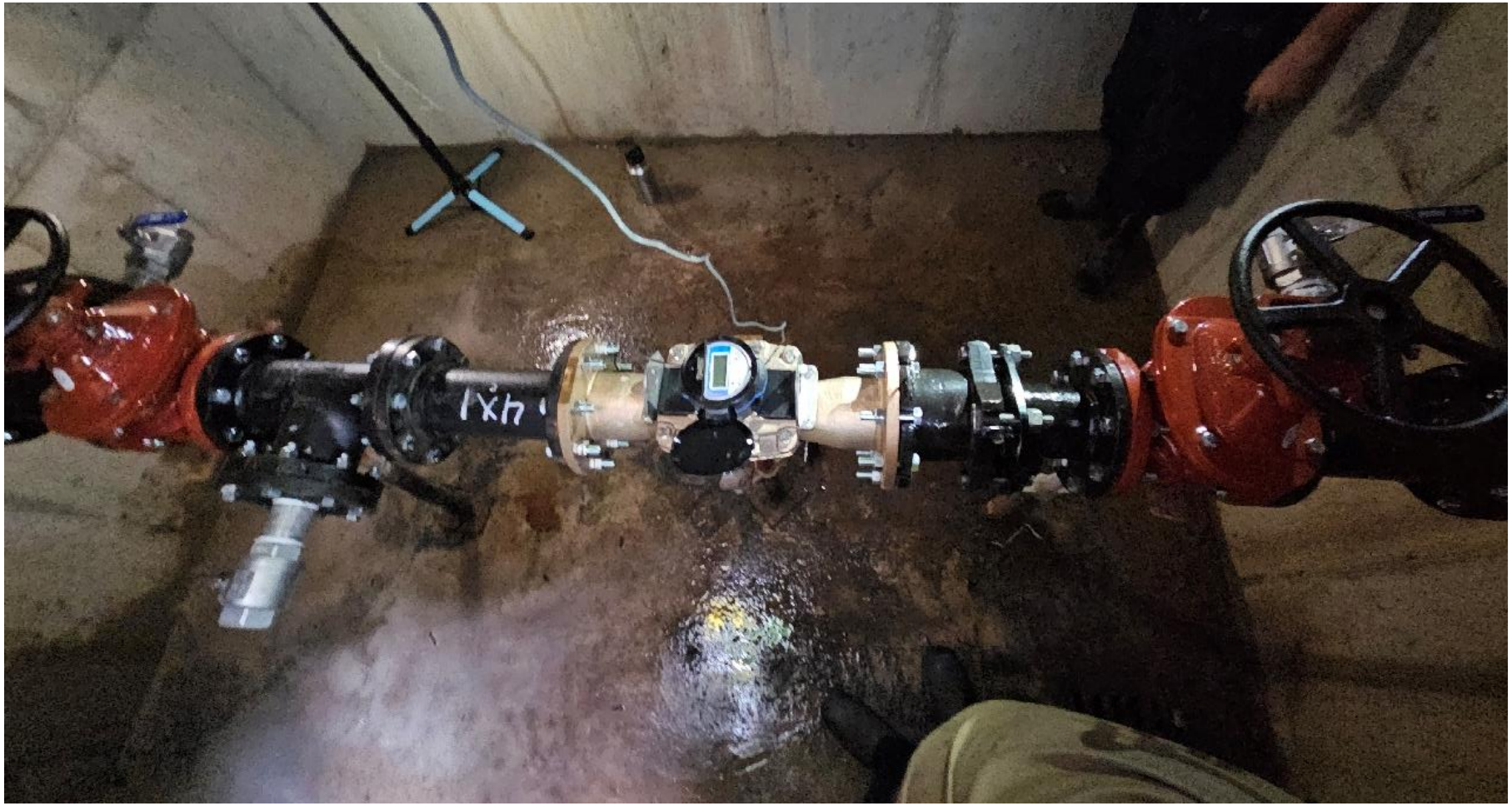

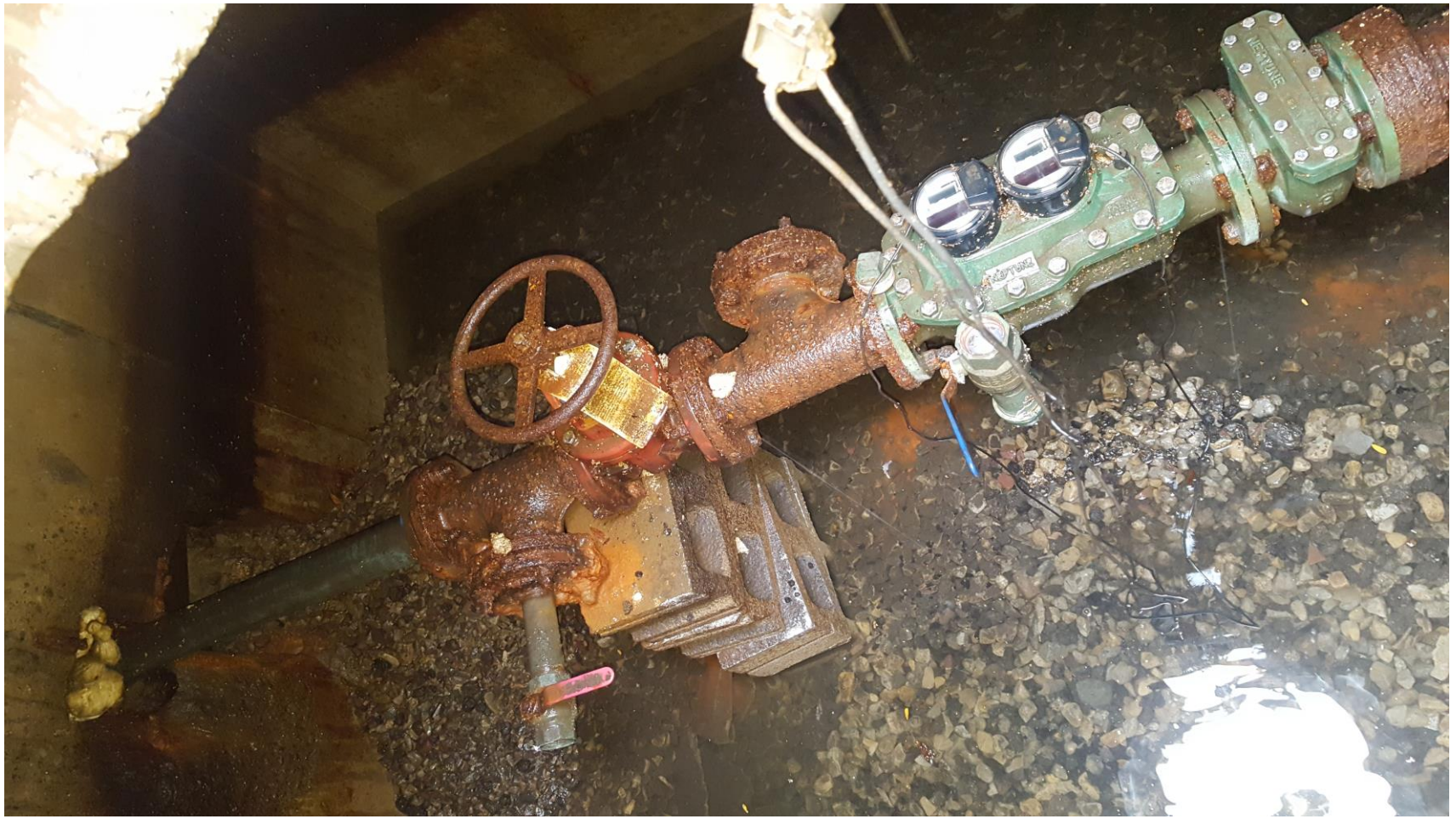

TAYLORSVILLE-BENNION IMPROVEMENT DISTRICT
WATER CONSERVATION PLAN UPDATE 2024

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1.0 INTRODUCTION

1.1 Purpose of the Plan

The State of Utah continues to be one of the most rapidly growing states in the country. While Taylorsville-Bennion Improvement District (the District) is nearly built out, this pattern of growth has impacted the District. The District continues to experience growth and is significantly impacted by both growth and weather patterns. Droughts have significant impacts on the District's water supplies and its ability to meet the water demands of its customers. The District's water conservation efforts are directly related to the sustainability of the District's water supplies.

The State has indicated a water conservation goal to reduce water use 25% by 2025. This goal would be measured in terms of per capita water use reduction beginning with year 2000 as the base year. Water use in 2000 was calculated to be 244.5 gallons per capita per day (gpcd), therefore, district-wide water use will need to be reduced to 188 gpcd by 2025. In order to meet this goal, the District has been working with Jordan Valley Water Conservancy District (JVWCD) to implement water conservation programs, educate the public, reduce the demand for water, and to delay costly water infrastructure development projects.

The 2024 Water Conservation Plan (the Plan) includes compliance requirements as indicated in Utah Code 73-10-32 with the effective date 5/3/2023 and is an update of the 2004, 2009, 2014, and 2019 provided to the State. The 2024 plan outlines the water conservation activities and measures of the District.

2.0 Water Conservation Plan – Utah Code Requirements

2.1 Overall water conservation goal

The District water conservation goal is to be at a five year average of 171 gpcd in 2029, below the 2029 Regional Water Conservation Goal – Salt Lake at 186.

2.2 Water conservation indicators

2.2.1 Advanced Metering Infrastructure (AMI)

AMI meter installation in 2023 and 2024 has made this water conservation tool available to customers. The District will promote the use of this tool to the customers helping to improve efficiency and to provide timely information so customers adjust their usage.

Timeline: 2025 through 2029
Actions:

1. New Accounts Set-up: Encourage new customers to sign-up to access the AMI portal
2. Annually send AMI portal sign-up information to existing customers
3. During customer usage inquiries: Customer Service Team to communicate availability of AMI and its water conservation capabilities

Goal: Show a 1 % increase per year in customers enrolled to access the AMI portal

2.2.2 Utah Water Savers Customer Participation

Taylorsville-Bennion Improvement District participates in Utah Water Savers with customers having access to its Landscape Incentive, Smart Controller, and Toilet replacement programs.

Timeline: 2025 through 2029
Actions:

1. Annually provide Utah Water Savers Program information to customers by mailing insert with bills
2. Web site access to Utah Water Saver water conservation programs via tbid.gov
3. During customer usage inquiries: Customer Service Team to communicate availability of Programs and its water conservation capabilities

Goal: Complete all actions annually to promote participation in Utah water savers and track annual participation in each of the programs

2.2.3 *Water* Conservation Best Management Practices

Taylorsville-Bennion Improvement District is an advocate for water conservation and actively applies Water Conservation Best Management Practices

Timeline: 2025 through 2029
Actions:

1. Continue detailed practices outlined in Section 3 of this plan

Goal: District Executive Team to annually review Best Management Practices to determine effectiveness in relation to the Districts goal of 171 gallons per capita per day and make adjustments as needed to achieve the goal

The District will continue to monitor the annual reporting of GPCD as an indication of the effectiveness of the ongoing best management practices as outlined in this Plan to meet the 2029 goal as shown in Figure 5.

2.3 *Public Notification*

The District intends to notify the public, including Taylorsville City, the media, and all other interested parties, by posting a notice of the public hearing where the Plan will be reviewed, explained, and adopted. This notice can be found in 5.2 of the finalized Plan. The District will also promote the Plan on its social media accounts as well as create a link to the Plan on the Utah Public Notice Website which will direct them to the District's website where the Plan can be found.

2.4 *Public Meeting Minutes*

District meeting minutes regarding the Plan are found in 5.3 and 5.4 of the finalized Plan.

2.5 *Rate Structure*

The District rate structure is found in Table 4 of this Plan.

3.0 WATER SYSTEM PROFILE

3.1 *Water System ID*

The 5-digit water system Identification Number assigned by the Division of Environmental Quality (DEQ) for the District is 18021.

3.2 *Description of the District*

2.2.1 Location: The District was formed in 1957 and is located in the Central Western portion of Salt Lake County, which lies along the Wasatch Front in Northern Utah. The District's service area consists of West Valley City's southern boundary (about 4100 South) to the north, West Jordan City to the south (at about 6500 South), and Murray City to the east closely following the Jordan River. The western boundary roughly aligns with 4800 West. Currently, the District is about 98% built-out. Figure 1 depicts the current service area of the District.

2.2.2 Population and household projections The District's population primarily consists of Taylorsville City and portions of West Valley City, West Jordan City, and Kearns Township residents. The District's population is estimated by using Taylorsville City's reported population and adding 10,000 to account for the District's residents living in portions of West Valley City, West Jordan City, and Kearns Township.

The Wasatch Front Regional Council (WFRC) has produced Population Projections and Household Size by Area.

Using WFRC projections Taylorsville-Bennion Improvement District expects 1-2% variance in population, apart from a few areas in the District that may be developed as Multi-Residential, increasing the population.

Table 1 District and City Population Projections

Year 2030-2050

Geography	2030	2040	2050
Taylorsville city	57,759	57,418	60,362
District	67,759	67,418	70,362

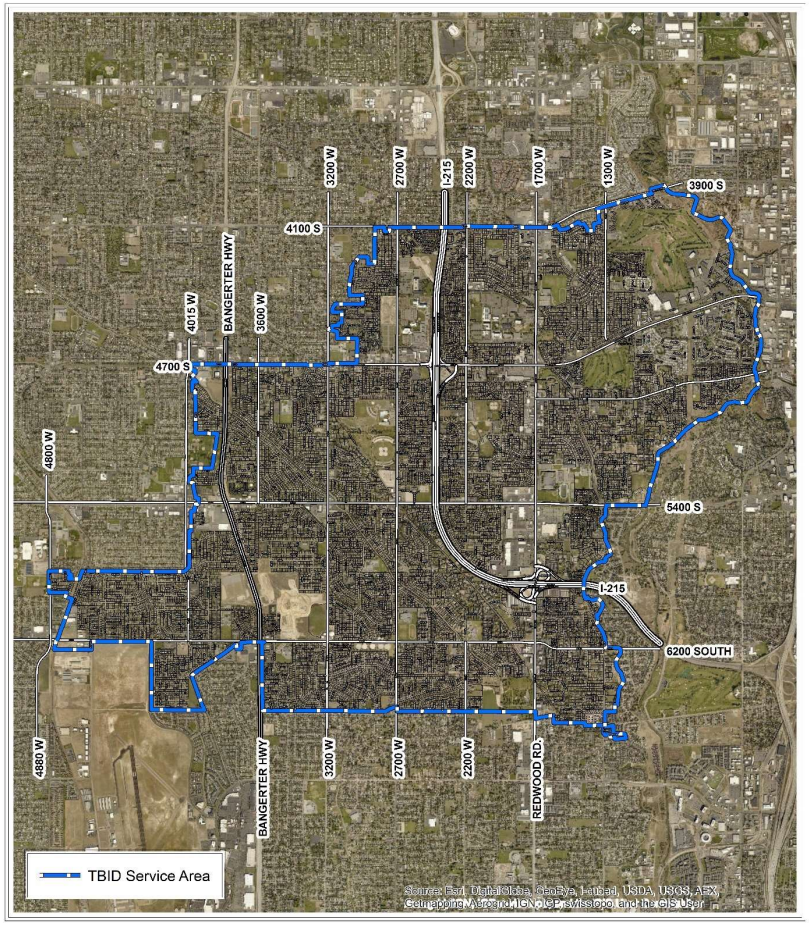
2.3 *District Connections*

The District had 17,464 active accounts at the end of 2023. Table 3 shows the number of connections by the type of customers we serve.

Table 2 Current water connections by Customer Type

Year	Commercial	Residential	Manufacturing	Institutional	Total
2023	522	16,705	5	232	17,464

Figure 1 District Service Area

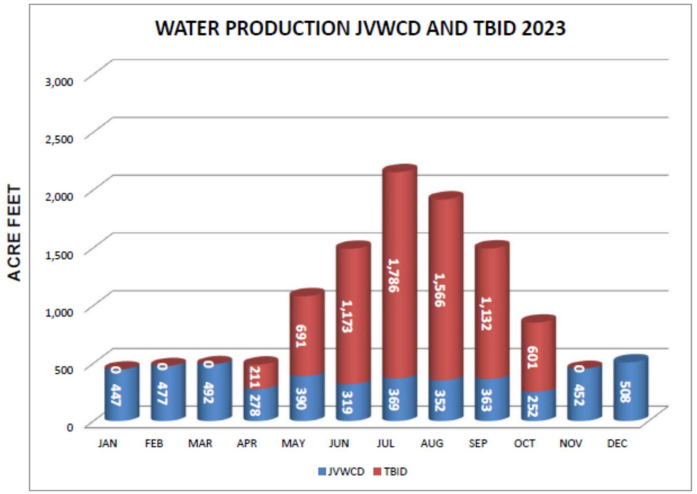


2.4 Water Supply

2.4.1 Water Production

The District's water production consists of water pumped from 9 active wells with 13 inactive wells at the end of 2023 and the availability to receive contracted water from JVWCD. Water purchased from JVWCD is treated surface water primarily from Deer Creek and Jordanelle Reservoirs.

Figure 2 Water Production



2.4.2 Storage Capacity

The District's total existing water storage is 55.5 million gallons within three pressure zones: Low Zone - 26 million gallons, Middle Zone - 19.5 Million gallons, and High Zone - 10 Million gallons.

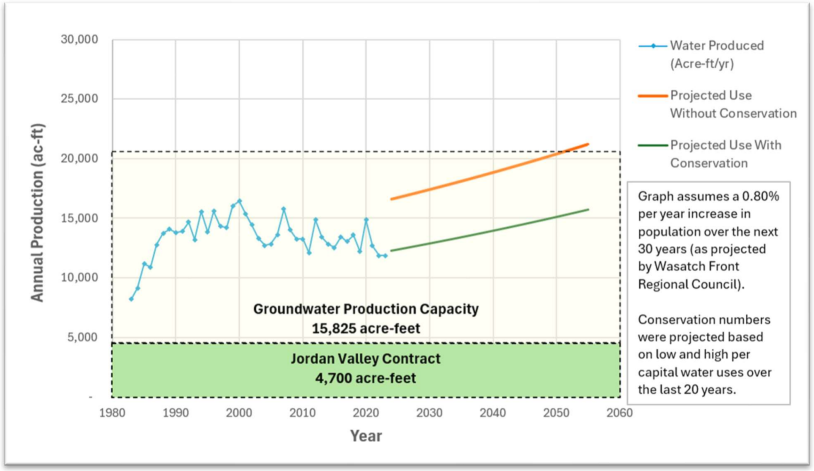
2.4.3 Water Use

Table 1 shows the recorded water produced by the District for 2000 – 2023. Currently only Salt Lake Community College uses irrigation water and no agricultural water use exists in the District.

Table 3 Yearly Demand on Taylorsville Bennion Improvement District Water System (2000-2023)

Year	Water Produced (Acre-ft/year)
2000	16,445.11
2001	15,350.32
2002	14,447.00
2003	13,305.99
2004	12,709.31
2005	12,840.64
2006	13,626.66
2007	15,781.58
2008	14,032.75
2009	13,259.89
2010	13,263.68
2011	12,120.88
2012	14,864.75
2013	13,406.88
2014	12,842.51
2015	12,534.31
2016	13,435.67
2017	13,050.42
2018	13,586.38
2019	12,189.84
2020	14,847.77
2021	12,688.90
2022	11,853.32
2023	11,863.25

Figure 3 Supply Data



2.4.4 New Sources

The District has an active well rehabilitation program to prolong the useful life of its wells. Two replacement wells have been identified and are tentatively scheduled with costs projected in the 20-year plan: The Barker replacement well 2025/2026 and the Atherton replacement well 2035/2036, both at an estimated $3.5 million in today's dollars.

Jordan Valley Water Conservancy District is contracted to provide 4,700 acre/ft per year with no additional supply capacity requested or anticipated from the District.

2.5 Water Measurement and Billing

2.5.1 Water Measurement

The District sells water by the metered thousands of gallons. Tiered rates were implemented in March 2018.

Table 4 District Tiered Rates 2018-2027

TIERED VOLUME RATE ($/kgal)	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Single Family, Multifamily, and Mobile Home										
Tier 1 < 7,000 gals (6k prior to 2023)	$1.43	$1.43	$1.43	$1.43	$1.43	$1.67	$1.72	$1.77	$1.83	$1.88
Tier 2 7,001- 25,000 gals	$1.87	$1.87	$1.87	$1.87	$1.87	$2.09	$2.16	$2.22	$2.29	$2.36
Tier 3 25,001- 45,000 gals	$2.06	$2.06	$2.06	$2.06	$2.06	$2.68	$2.76	$2.84	$2.93	$3.02
Tier 4 > 45,000 gals	$2.38	$2.38	$2.38	$2.38	$2.38	$3.77	$3.88	$4.00	$4.12	$4.24
Non-Residential										
All Use	$1.82	$1.82	$1.82	$1.82	$1.82	$2.13	$2.19	$2.26	$2.33	$2.40

2.5.2 Water Loss and Prevention Program

The District actively works to keep water loss to a minimum by performing annual water audits, having an active leak detection program, and by improving meter accuracy.

The District employees are on-call 24 hours a day and 7 days a week to respond to water main line breaks, helping to reduce the amount of loss with most repairs being made within a few hours of the initial report.

Annual water audits are performed and create a reporting structure to identify the amount of water loss.

The District has an active leak detection program which systematically uses Leak Loggers to locate probable water loss.

Pipeline replacement is part of a 20-year capital replacement plan that identifies problematic pipelines for replacement, reducing the risk of main line breaks and water loss.

Customers are notified through their monthly bill that there may be a leak in their water system when the water meter detects a continuous flow of water at their residence or business.

2.6 Water Use

Based on yearly water production in 2000 and 2018 (Figure 2), the reduction of per capita water use was from 244.69 gpcd in 2000 to 173.29 gpcd in 2018. This is a 29% reduction in water use. This reduction can be attributed to water conservation efforts. The State's goal is to reduce water use to 183.375 gpcd by 2025. Based on this number, the District has already exceeded its water conservation goals. While conservation efforts are working, the District will continue to work to improve conservation within its boundaries.

Table 5 Gallons per Capita per Day

Year	GPCD
2000	244.69
2001	228.40
2002	214.96
2003	171.54
2004	163.25
2005	166.14
2006	176.31
2007	203.74
2008	180.77
2009	170.45
2010	170.50
2011	156.14
2012	191.35
2013	172.21
2014	164.54
2015	159.48
2016	170.10
2017	164.99
2018	173.29
2019	155.04
2020	189.89
2021	160.80
2022	152.83
2023	156.03

*The numbers shown in 2003 were skewed because of a shift in population calculation methods. The numbers shown are calculated based on an average of 2002 and 2004.

Figure 4 - Gallons per Day per Capita State Water Conservation Goal 25% by 2025

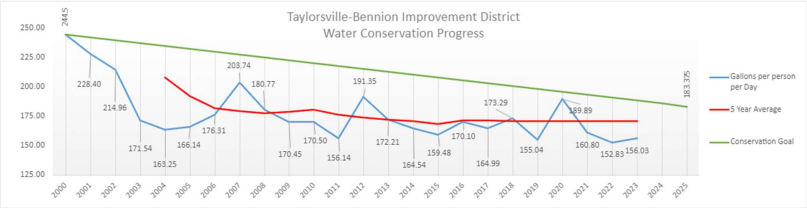


Figure 5 – District Goal of 171 Gallons per Day per Capita and Salt Lake Regional Water Conservation Goal 19% by 2065

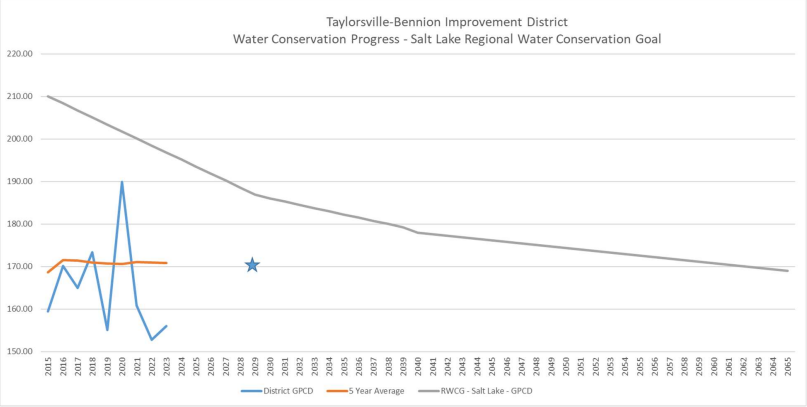


Table 6 GPCD by Type and Use

	Indoor (Winter Use-January 2023)	Potable (Outdoor-July 2023)	Non-Potable (Secondary)	Total
Residential	54	150	N/A	204
Commercial	6	11	N/A	17
Manufacturing	1	1	N/A	2
Institutional	2	37	N/A	39
Total	63	199		262

Table 7 Metering Information 2023

Culinary Water Use Category	Annual Quantity (Thousands of Gallons)	Number of Active Connections	Percent of metered Connections by Type	Reading Frequency	Calibration Schedule
Residential	2,693,641	16705	100.00%	Monthly	*
Commercial	286,498	522	100.00%	Monthly	**
Institutional	398,161	232	100.00%	Monthly	**
Manufacturing	25,737	208	100.00%	Monthly	**
Total	3,404,037	17,667			

*The District has an active residential meter testing program. 100 random 5/8th meters are tested annually.

**District meters larger than 2 inches are scheduled for tested on an annual basis.

3.0 CONSERVATION BEST MANAGEMENT PRACTICES (BMP's)

The District continues to make efforts in water conservation by following the Division of Water Resources' best management practices for past 5 years as presented below:

3.1 Water Conservation Coordinator, Committee or Team

a) Hire or designate a Water Conservation Coordinator (WCC).

District status: The District has a designated Water Conservation Coordinator responsible for the preparation and implementation of the WCP.

Dan McDougal
1800 West 4700 South

P.O. Box 18579-0579
Taylorsville, UT 84118

Office phone: 801-968-9081

b) Create a committee/team/board with a chair that includes a combination of the following participants; WCC, Public Works Director, City Council Member, and/or applicable local advocacy group member to help research, coordinate, create and implement public information campaign(s), water conservation programs and incentives.

District status: The District's WCC works with the District's executive management and JVWCD's Conservation Action Committee to coordinate and to create and implement public information campaign(s), water conservation programs and incentives.

3.2 Water Conservation Plan (WCP)

a) Develop a WCP. More information at www.conservewater.utah.gov/wcp.html.

District status: A WCP has been produced for the District every five years since 1999.

b) Provide contact information, system profile, water use history and detail specific ongoing and new conservation programs.

District status: Section 2 of this WCP provides provide contact information, system profile, water use history with detail specific ongoing and new conservation programs outlined in Section 3 and 4.

3.3 Public Awareness/PR

a) Develop or utilize existing messaging from Utah Water Savers, Slow the Flow, DWRe Conserve Utah, QWEL and/or WaterSense.

District status: The District promotes Localscapes, Conservation Garden Park, and DWRe messaging.

b) Display educational materials & resources on agency website, social media & bills.

District status: The District utilizes its social media postings and website to display educational materials.

c) Offer agency materials and resources to community partners for distribution.

District status: The District has provided Taylorsville City planning department with educational materials for distribution.

d) Hold or collaborate events, programs and/or presentations.

District status: The District has participated in Taylorsville City Parade, Taylorsville Dayzz, YMCA, and Water week open houses and events.

3.4 Education/Training

a) Provide adult efficient water use education and training.

District status: The District promotes and encourages its customers to participate in Localscapes.

b) Provide or support youth education programs for elementary school students.

District status: Elementary school children from the District service area visit the Conservation Garden Park.

c) Provide or recommend a water-wise demonstration garden.

District status: The Conservation Garden Park is highly recommended and promoted by the District.

d) Educate customers about new water saving technology. Example: weather based smart timers.

District status: The District educates our customers about new AMI water meter saving technology.

e) Provide new homeowner landscape information.

District status: New homeowners have landscape information available to them as they sign up for service.

f) Participate and promote large efficient landscape training and programs: - https://www.qwelutah.com/training/

District status: The District promotes Landscape Leadership Grants and QWEL workshops for landscape professionals.

g) Create and/or distribute "how to video's". Example: switching to drip.

District status: "How to video's" are promoted by the District being offered through Localscapes.

3.5 Outreach Services

a) Offer or collaborate on landscape consultation programs.

District status: A District representative participates with Localscapes consultation professionals when a consultation involves a District resident.

b) Offer residential water budgeting program.

District status: Equal pay is offered to District residents helping residents budget for summer water expenses.

c) Offer indoor and outdoor retrofit kits.

District status: The District works with Utah Water Savers Toilet Replacement and Smart Controller Rebates.

d) Perform outdoor high-water use inquiries and resolution techniques.

District status: The District customer receives a continuous flow notice on their bill or by email indicating possible high-water use.

e) Perform and address water waste investigations.

District status: When notified by customers or DWRe shame report, District employees will investigate and communicate the results of the investigation.

f) Identify structures built before 1992 and organize low efficiency fixture replacements.

District status: The toilet replacement facilitated by Utah Water Savers.

3.6 Rebates/ Incentives/ Rewards

a) Offer or collaborate on rebates for high efficiency appliances, fixtures, irrigation smart timers, drip irrigation, nozzles, shut off hose valves, and landscape conversions.

District status: The District offers rebates and rewards participation through Utah Water Savers.

b) Promote rebates offered in your service area.

District status: The District utilizes the local Taylorsville Journal, District website, brochures, and messages on customer bills.

3.8 Water Pricing

a) Utah S.B.28 requires water rates rise for higher tiers of consumption.

District status: The District implemented tiered rates in March 2018.

b) Charge for secondary water based on individual use.

District status: The District does not supply secondary water.

c) High water use notification.

District status: Notification of a continuous flow of water through their meter is noted to the customer on their monthly bill.

3.8.1 Physical System

(a) Install & maintain efficient irrigation, utilize water-wise landscaping & smart controller technology at agency facilities.

District status: The District has made significate water wise landscaping improvements at its reservoir sites including the use of smart controllers.

(b) Perform agency water system audit

District status: The District performs an annual water audit.

(c) Implement leak detection program.

District status: The District has an active leak detection program.

(d) Meter all connections (UT SCR 1), repair and replacement program, read meters on a regular basis.

District status: All service connections in the District are metered. Meters are repaired or replaced monthly with a District wide replacement program in place. The District reads all meters monthly.

(e) Consider water re-use.

District status: The District has worked with Central Valley Water Reclamation Facility to explore additional options.

5.0 APPENDIX

5.1 Resolution Adopting the Plan Update

.

5.2 Notices of Public Hearing

In accordance with Utah Code 17B-1-643, notice of the public hearing to receive public comment regarding the District's Intent to increase Rates and Fees as well as to update the District's Water Conservation Plan was published in the Deseret News on November 1st and November 8th. The agenda was also posted on the Utah Public Notice website. In addition, the District posted notice of this hearing on its Facebook page and attempted to notify the public by including a message on their November bill. The District has met all legal noticing requirements for this public hearing.

5.3 *Public Hearing Agenda*

. Water Conservation Plan Update 2024 Summary – Public Hearing power point

.

5.4 Public Hearing Minutes

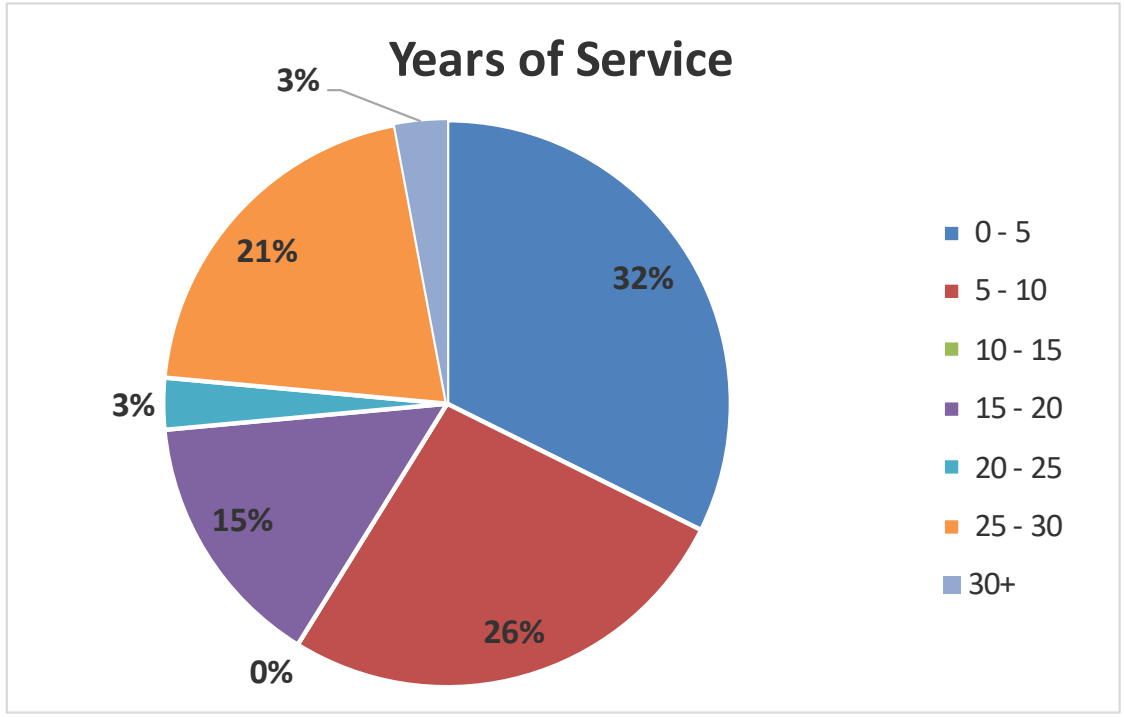
(Applicable pages)

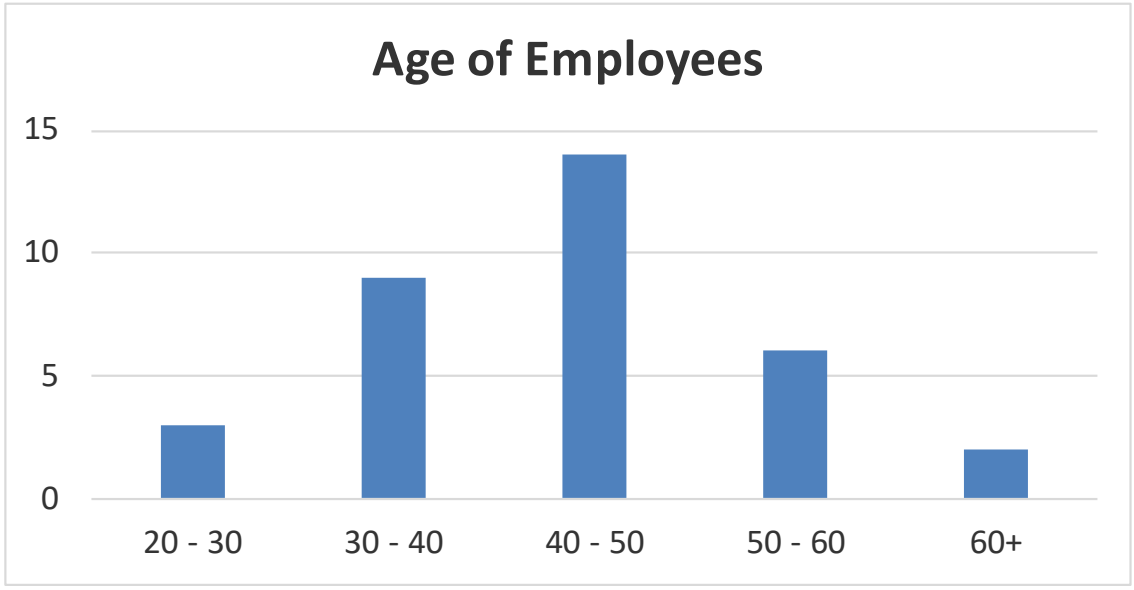
October 2024
Water Conservation Plan Update
Taylorsville-Bennion Improvement District

October 2024
Water Conservation Plan Update
Taylorsville-Bennion Improvement District

5.5 Plan acceptance by Division of Water Resources

Labor Force Review and PEHP Renewal for 2025





32% of our workforce has less than 5 years of experience with the District

58% of our workforce has 10 years or less of experience with the District

8 employees, or 24% of our workforce, are eligible to retire today

Labor Needs in the Next Year

- GIS Supervisor
  - The Engineering and Development Division of the District is home to our GIS department. It is currently made up of 2 employees. We are looking for an experienced supervisor to lead this department and set a vision moving forward.
  - GIS is home to all of the District's information. It is the virtual file cabinet for what we have, and what we have done. It tracks all of the operations of the District, maintains pipe status, work orders, repair and replacement histories, achieves pipe material, installation, and location. It assists in managing emergency preparedness and response plans, maintenance schedules, and field nots for the crews. It really is an ever-growing database and our ability to mine that data and analyze it correctly helps us to be more efficient and effective in our day-to-day operations as well as our long-term capital planning.
- One employee budgeted for 2024, carrying this forward to 2025

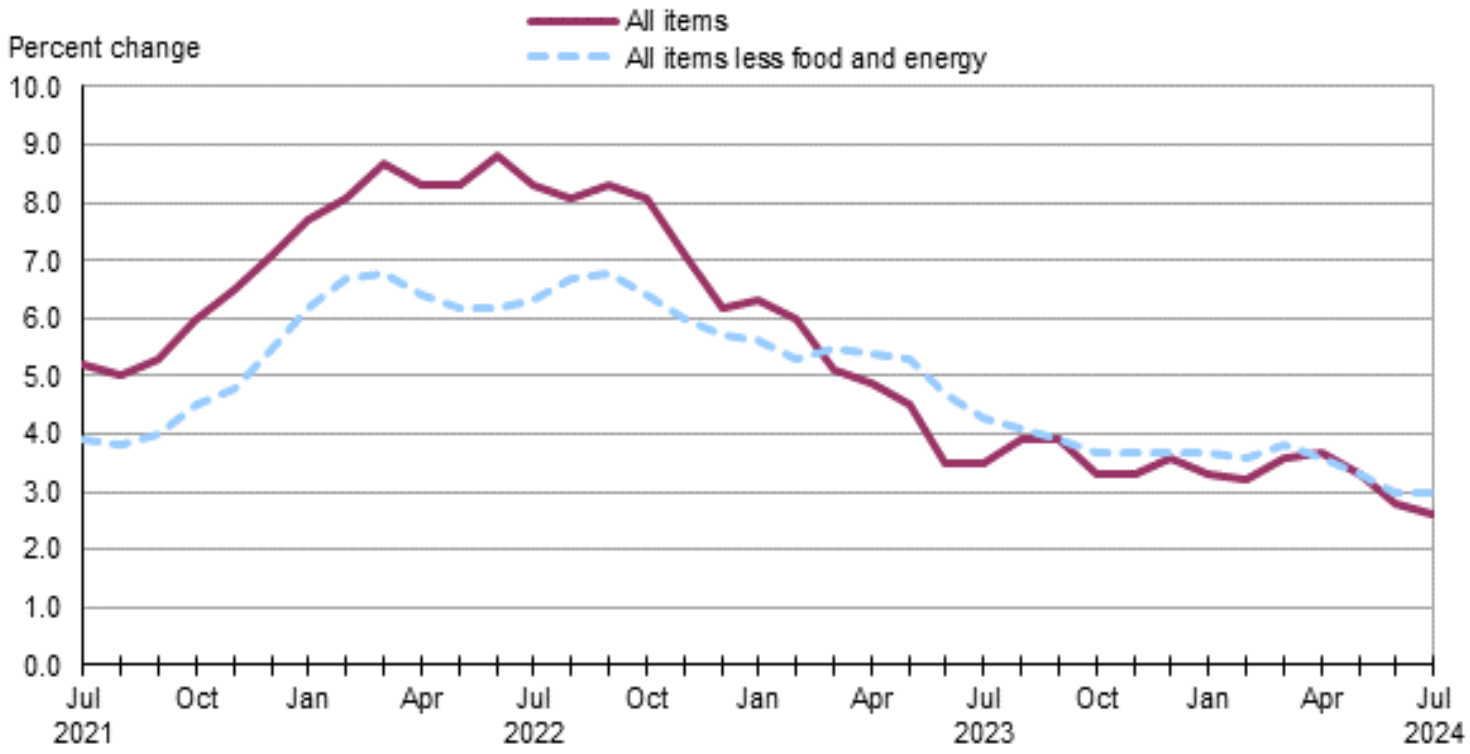
Labor Needs on the Horizon

- Dedicated Flushing Program
  - As the District's distribution system continues to mature, it is becoming increasingly more difficult to ensure that we are delivering safe and reliable culinary water to our customers. Over the years, water pumped from our wells and purchased from JVWCD leave behind deposits in our water lines. This causes the lines to be full of sediment, reduces the capacities of the lines, and increases the likelihood of our customers experiencing water quality issues.

  - We are still considering the options in search of the most suitable solution

Cost of Living Adjustment (COLA or CPI)

Chart 1. Over-the-year percent change in CPI-U, West region, July 2021–July 2024



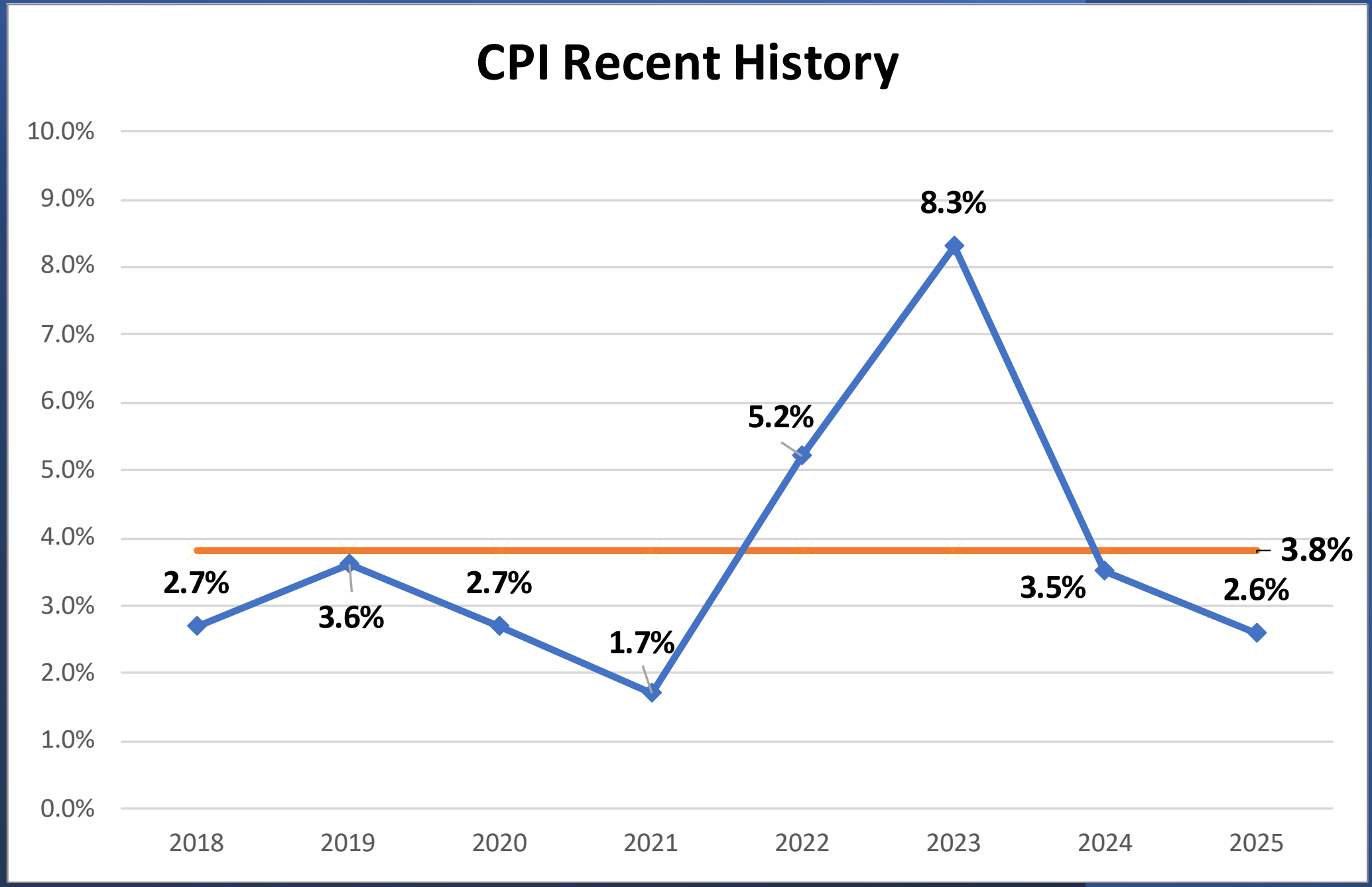
Source: U.S. Bureau of Labor Statistics.

- Prices in the West Region, as measured by the Consumer Price Index for All Urban Consumers (CPI-U) and reported by the U.S. Bureau of Labor Statistics.
- Over the last 12 months, the CPI-U rose 2.6%. Food prices rose 2.5%. Energy prices fell 2.8%, largely the result of a decrease in the price of gasoline. The index for all items less food and energy increased 3.0% over the year.
- TBID's cost of living salary increase in the proposed 2025 budget is:

2.6%

https://www.bls.gov/regions/west/news-release/consumerpriceindex_west.htm

CPI Recent History



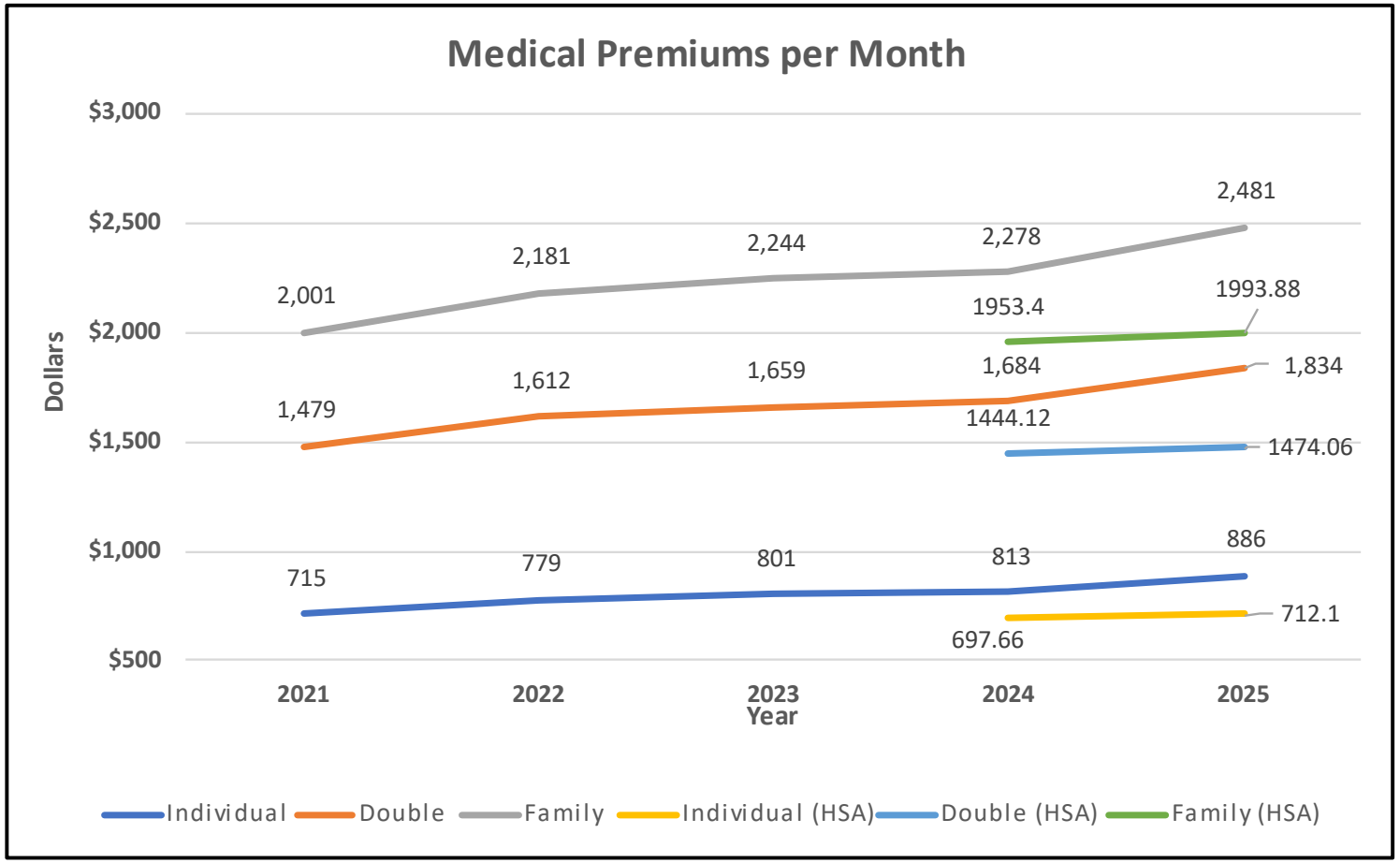
Health Care Premiums

- Nationally, employer health Care costs are projected to **rise 9%** in 2025

- https://www.shrm.org/topics-tools/tools/express-requests/health-care-costs-projections-2025

Increase of

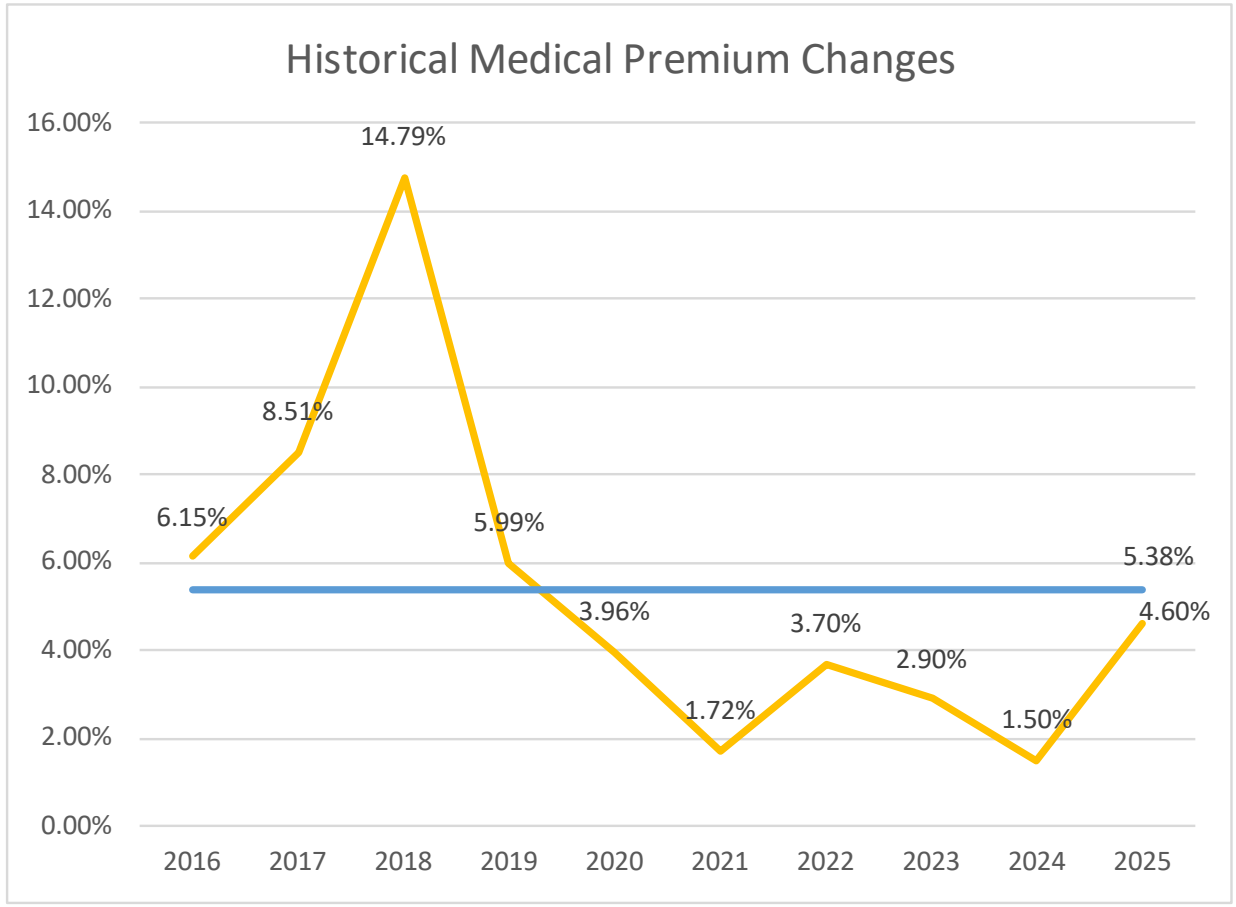
4.6%



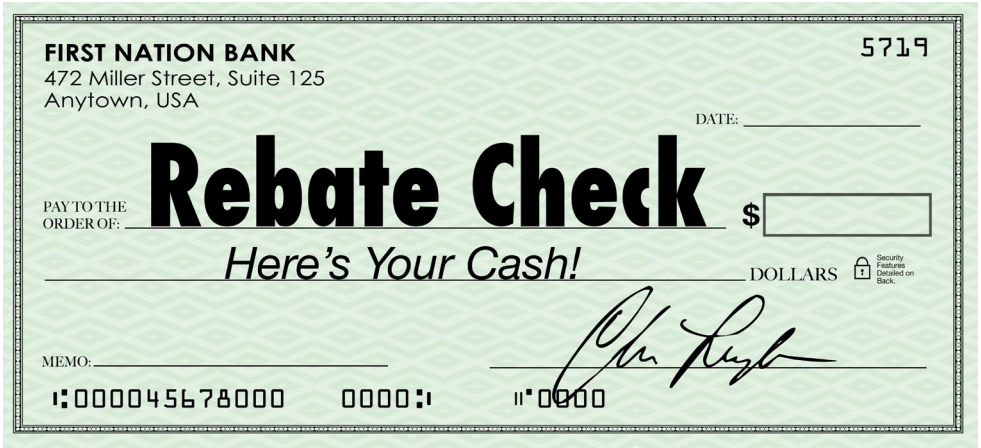
Traditional	8.9%
HSA	2.1%

Average annual change since 2016?

5.38%



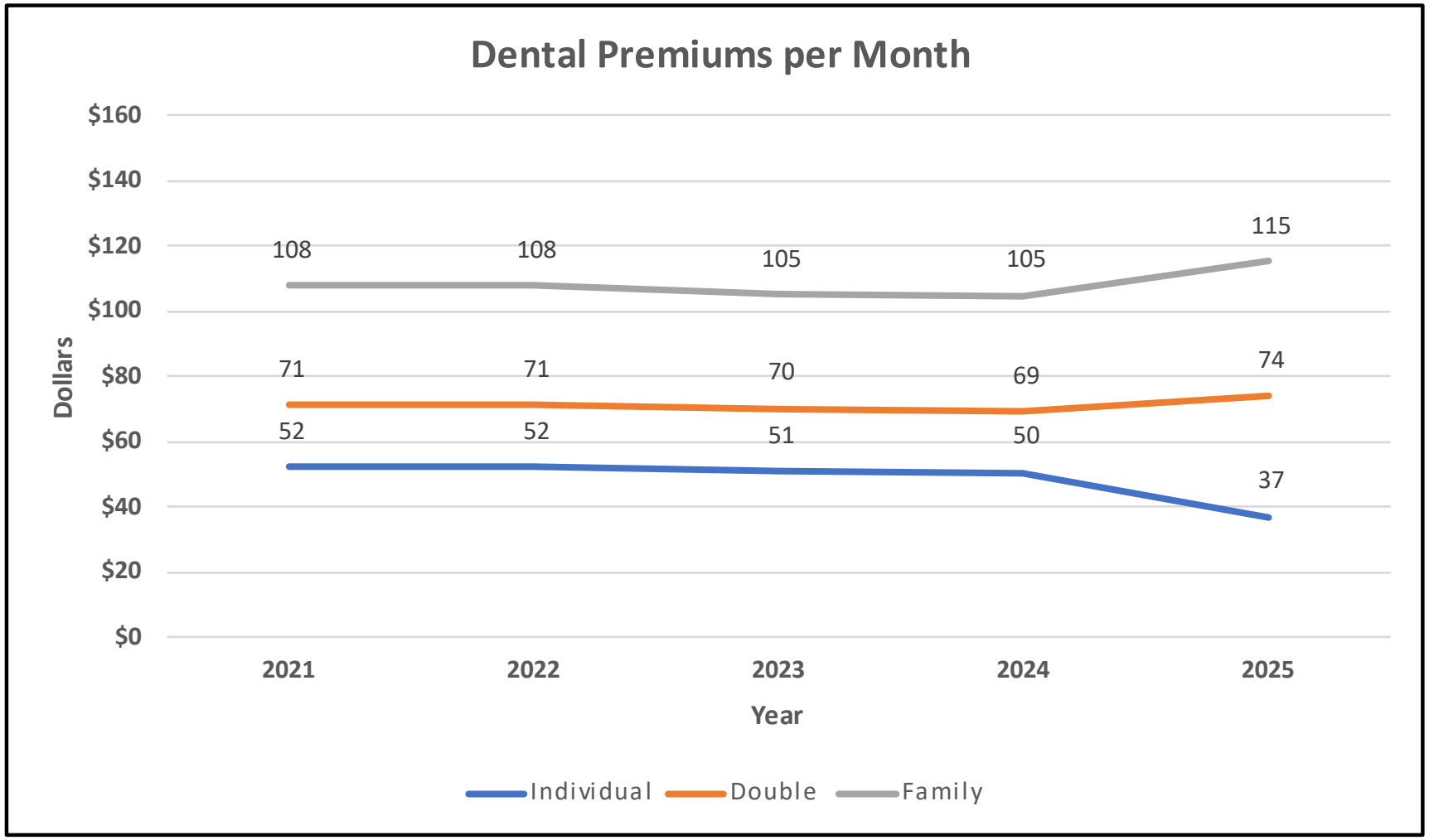
PEHP Historic Effective Rate



RENEWAL AND REBATE HISTORY	Plan Year Starting	Renewal	Total Rebate	Rebate as Percent of Premium	Effective Rate
	2021	4.9%	$15,366	2.2%	2.7%
	2022	3.9%	$11,173	1.6%	2.3%
	2023	2.9%	$15,727	2.1%	0.8%
	2024	1.5%			

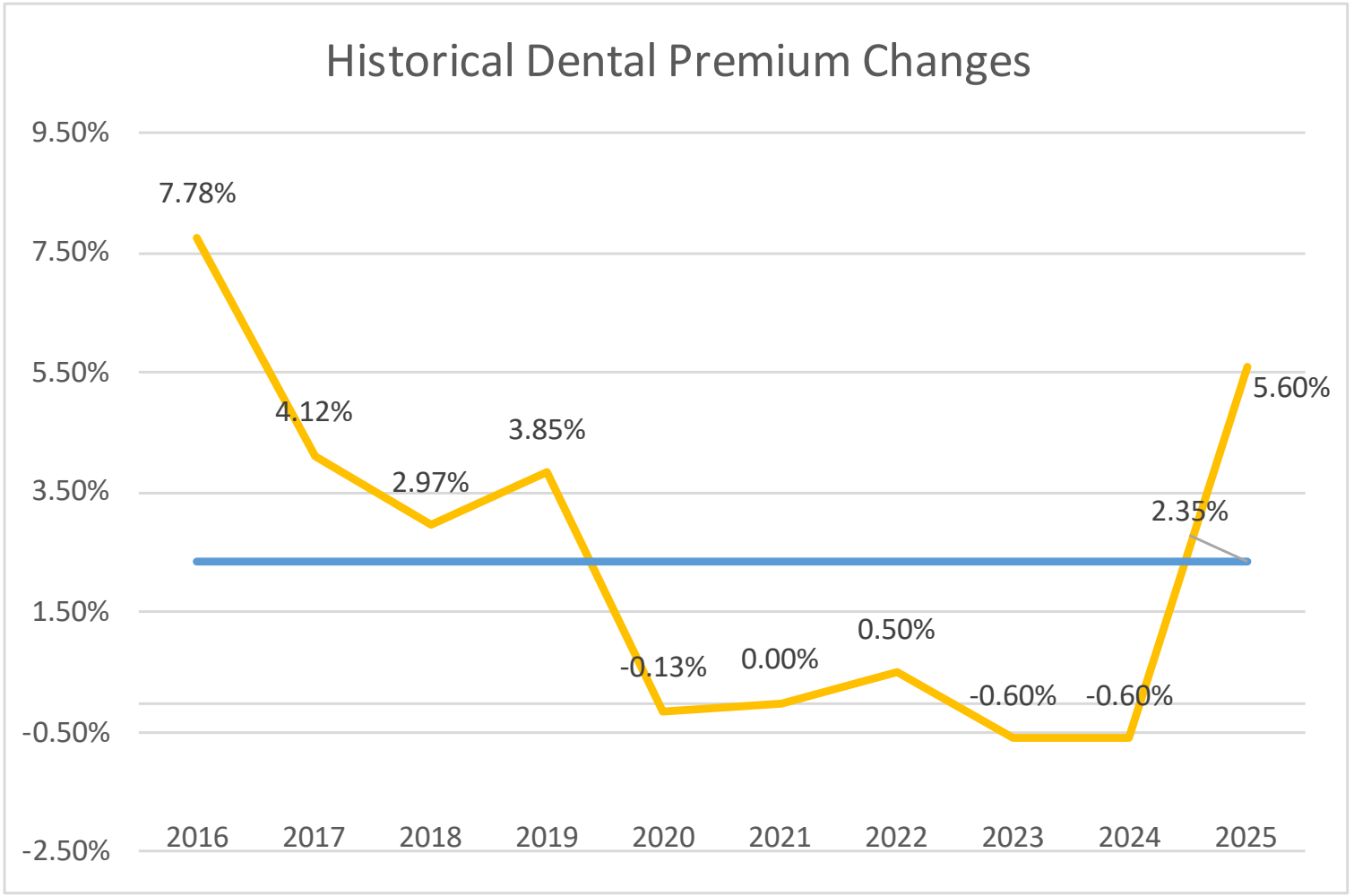
Increase of

5.6%



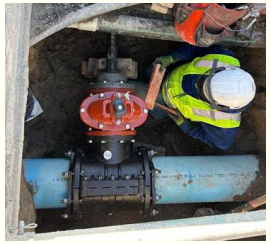
Average annual change since 2016?

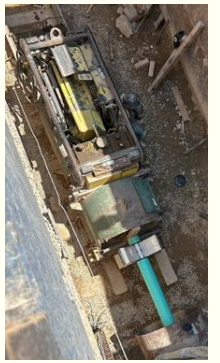
2.35%



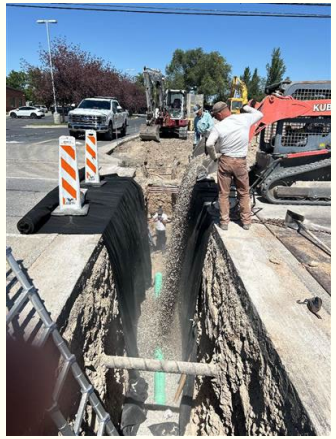
PROJECT REVIEW- 10-YEAR OUTLOOK

2025-2034






2025

2025

Land for future well

2025

Camera #2

TV Truck #1

2025

Wells Access Control

2025

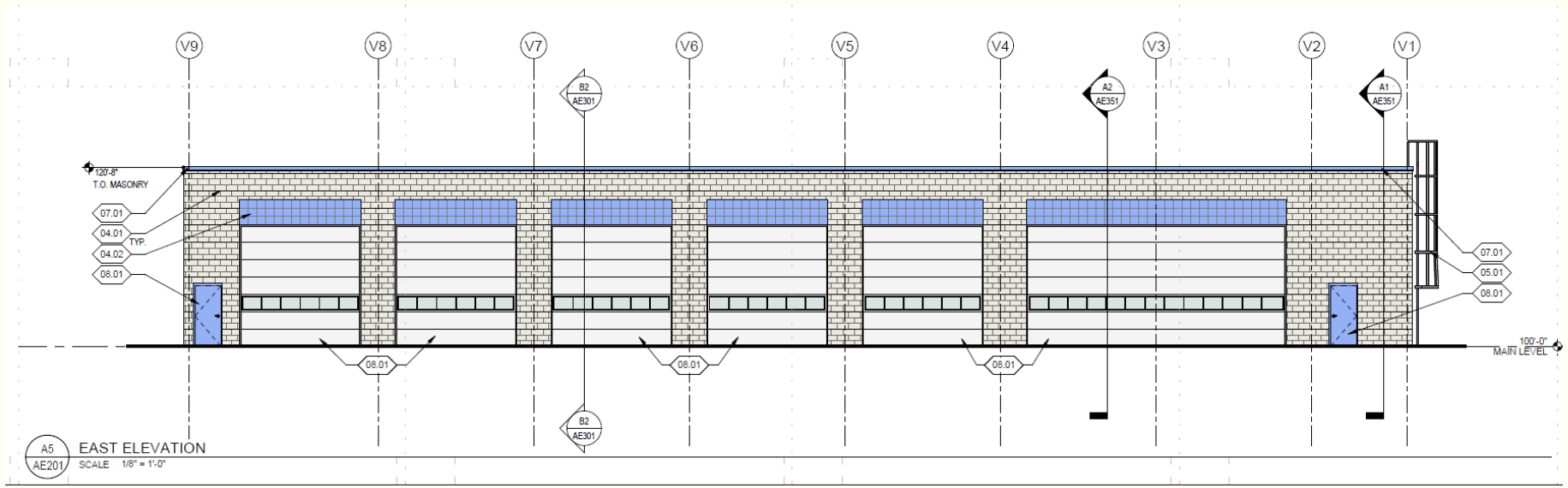
Board Room

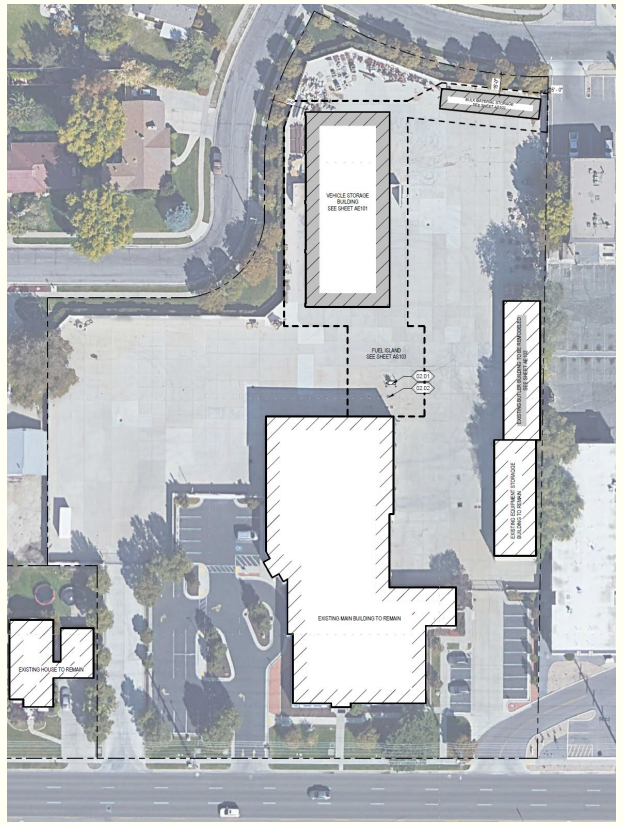
2025

Server Room

2025

New Accessory Building



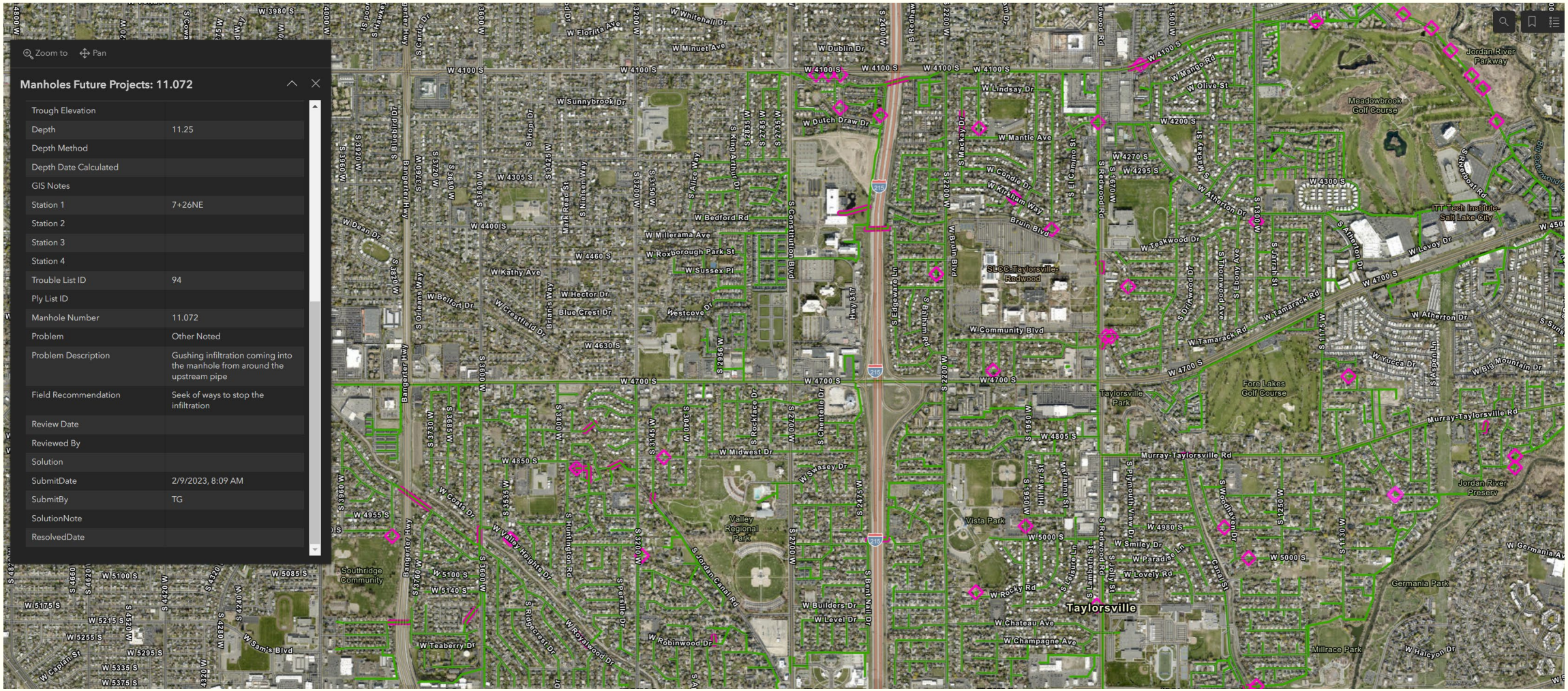


2025

Mini Excavator

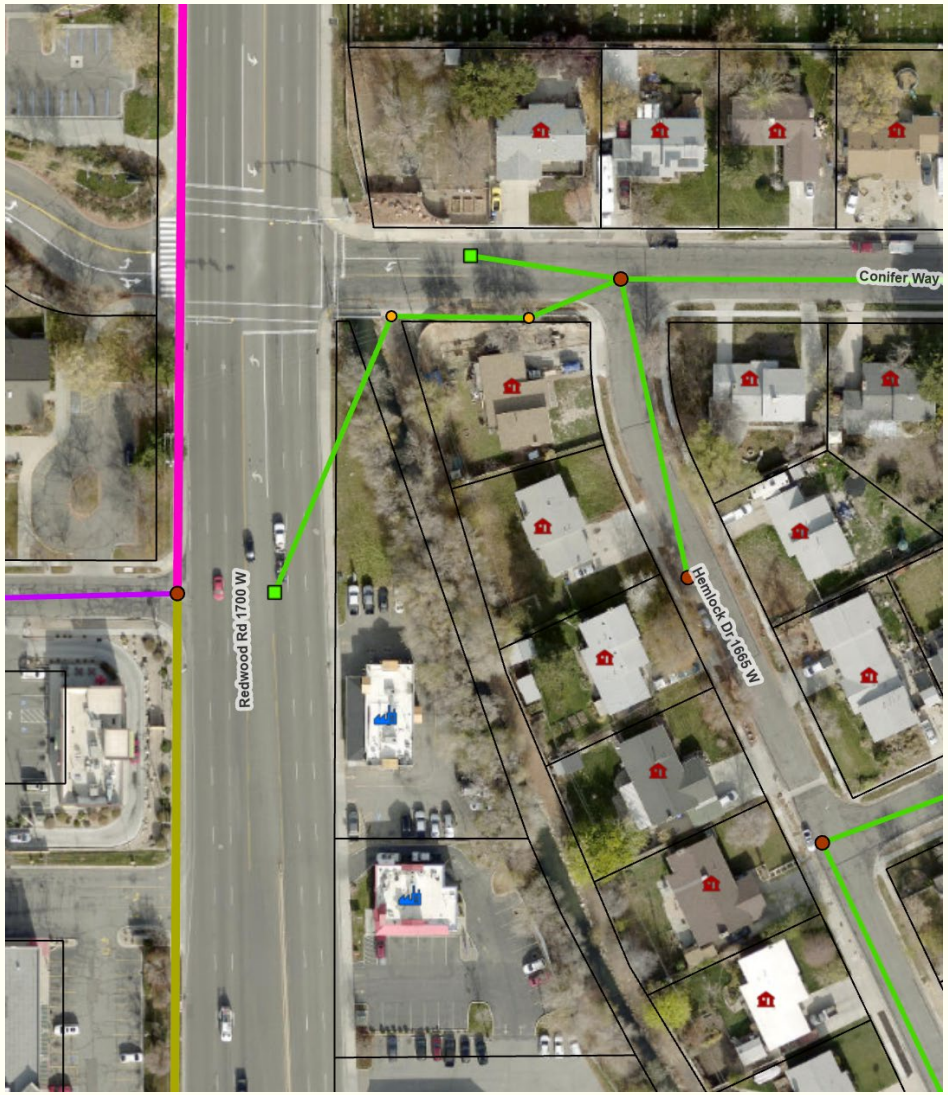
2025

Manhole rehabilitation



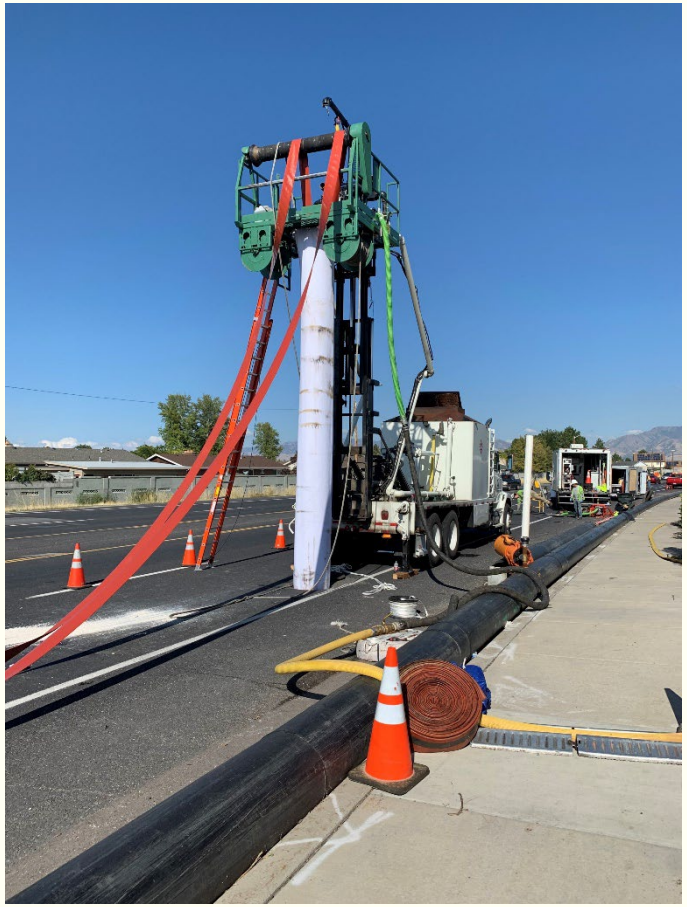
2025

PMI manholes



2025

Misc. CIPP sewer rehabilitation



2025

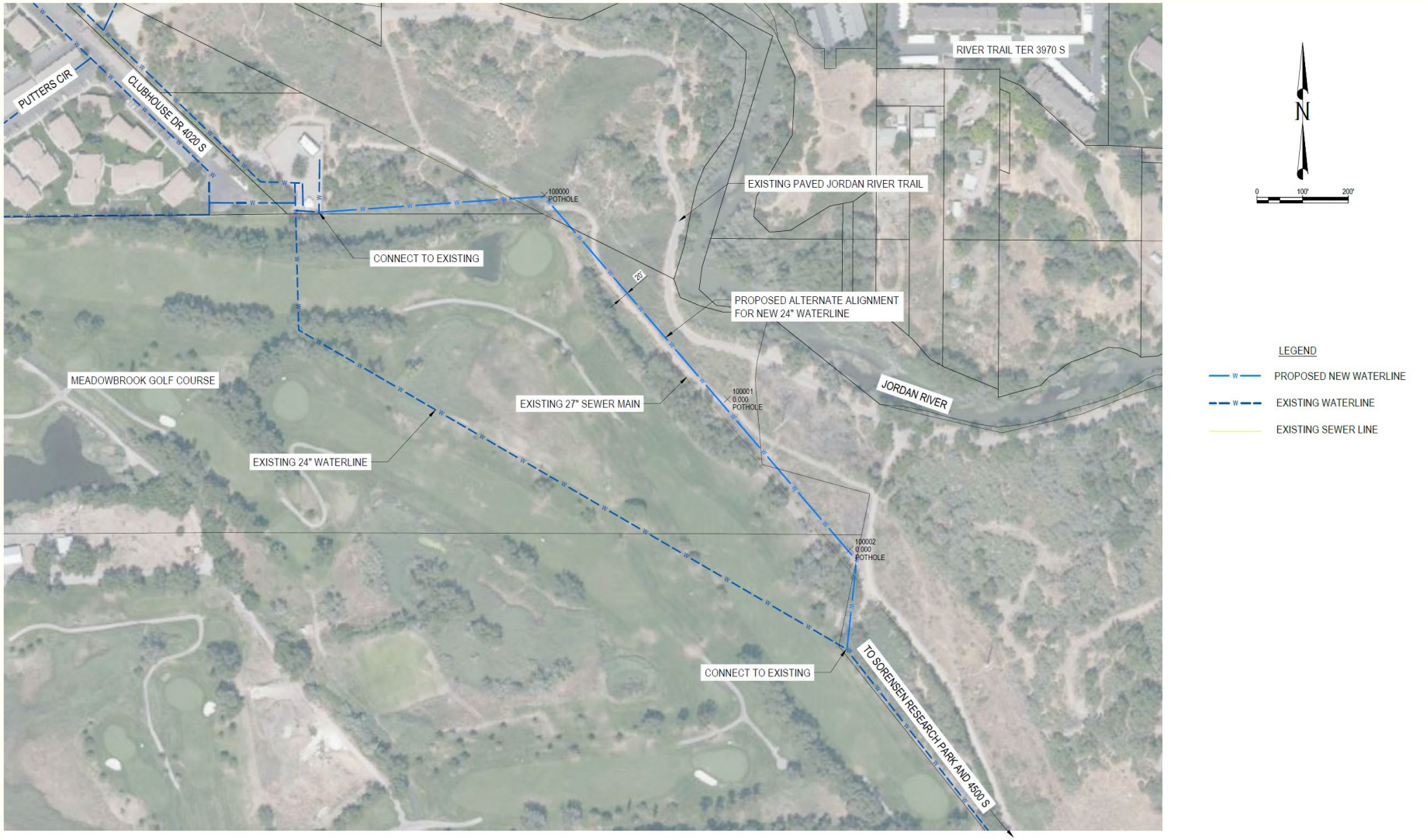
PMI Stonehollow

2025

Engineering for waterline replacement

2025

Meadowbrook golf course waterline replacement

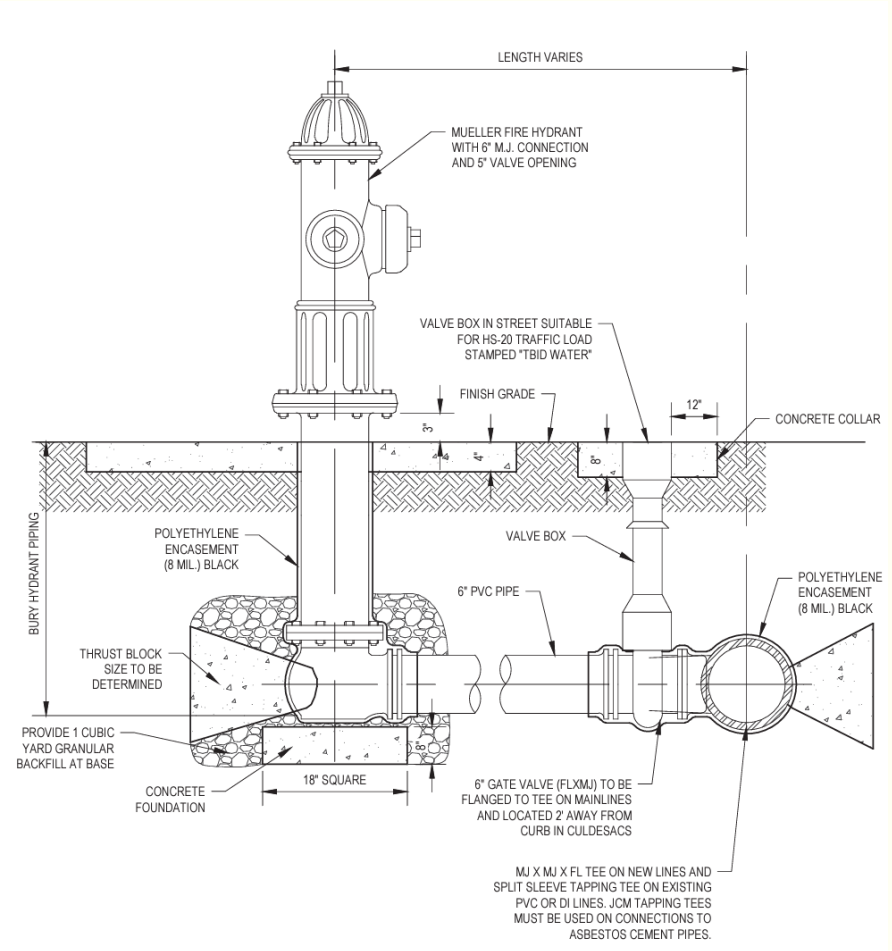


2025

1130 W waterline replacement

2025

Fire Hydrant Program



2025

Drilling new Barker well

Form 113—5M—12-60

Examined
Recorded: B. C. T. B.
Inspection Sheet
Copied

REPORT OF WELL DRILLER
STATE OF UTAH
BARKER EAST

Application No. Test Well
Claim No.
Coordinate No.

GENERAL STATEMENT: Report of well driller is hereby made and filed with the State Engineer, in accordance with the laws of Utah. (This report shall be filed with the State Engineer within 30 days after the completion or abandonment of the well. Failure to file such reports constitutes a misdemeanor.)

(1) WELL OWNER:
Name Taylorville Bennion Imp. Dist.
Address 1800 WEst 4700 South

(2) LOCATION OF WELL:
County Salt Lake Ground Water Basin (leave blank)
North 2,425 feet, East 190 feet from NE Corner of Section 1, T. 2 N, R 1 EXSLBM (strike out words not needed)

(3) NATURE OF WORK (check): New Well ☒ Replacement Well ☐ Deepening ☐ Repair ☐ Abandon ☐
If abandonment, describe material and procedure:

(4) NATURE OF USE (check):
Domestic ☐ Industrial ☐ Municipal ☒ Stockwater ☐
Irrigation ☐ Mining ☐ Other ☐ Test Well ☒

(5) TYPE OF CONSTRUCTION (check):
Rotary ☐ Dug ☐ Jetted ☐
Cable ☒ Driven ☐ Bored ☐

(6) CASING SCHEDULE: Threaded ☐ Welded ☒
24 " Diam. from 0 feet to 123 feet Gage .312
20 " Diam. from 0 feet to 761 feet Gage .375
16 " Diam. from 745 feet to 1,188 feet Gage .375
New ☒ Reject ☐ Used ☐

(7) PERFORATIONS: Perforated? Yes ☒ No ☐
Type of perforator used Mills Blade Type
Size of perforations 3/8 inches by 2 inches
perforations from 425 feet to 445 feet
perforations from 510 feet to 520 feet
perforations from 575 feet to 595 feet
perforations from 640 feet to 660 feet
perforations from 670 feet to 704 feet
Continued next page

(8) SCREENS: Well screen installed? Yes ☒ No ☐
Manufacturer's Name Johnson Well Screen Co.
Type S.S. DHD Model No.
Diam. 16 Slot size 50 Set from See Attachment
Diam. 12 Slot size 50 Set from ft. to

(9) CONSTRUCTION:
Was well gravel packed? Yes ☒ No ☐ Size of gravel: 8-12
Gravel placed from 0 feet to 1,188 feet
Was a surface seal provided? Yes ☒ No ☐
To what depth? 150+ feet
Material used in seal: Cement Grout
Did any strata contain unusable water? Yes ☐ No ☒
Type of water: Depth of strata
Method of sealing strata off:

Was surface casing used? Yes ☒ No ☐
Was it cemented in place? Yes ☒ No ☐

(10) WATER LEVELS:
Static level 30 feet below land surface Date 1-10-86
Artesian pressure feet above land surface Date

LOG RECEIVED:

(11) FLOWING WELL:
Controlled by (check) Valve ☐
Cap ☐ Plug ☐ No Control ☐
Does well leak around casing? Yes ☐ No ☐

(12) WELL TESTS: Drawdown is the distance in feet the water level is lowered below static level.
Was a pump test made? Yes ☒ No ☐ If so, by whom? Lee Drilling Inc.
Yield: 2,334 gal./min. with 132 feet drawdown after 48 hours
Bailer test x gal./min. with feet drawdown after hours
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? No ☐ Yes ☒

(13) WELL LOG: Diameter of well 16 inches
Depth drilled 1,188 feet. Depth of completed well 1,188 feet.

NOTE: Place an "X" in the space or combination of spaces needed to designate the material or combination of materials encountered in each depth interval. Under REMARKS make any desirable notes as to occurrence of water and the color, size, nature, etc., of material encountered in each depth interval. Use additional sheet if needed.

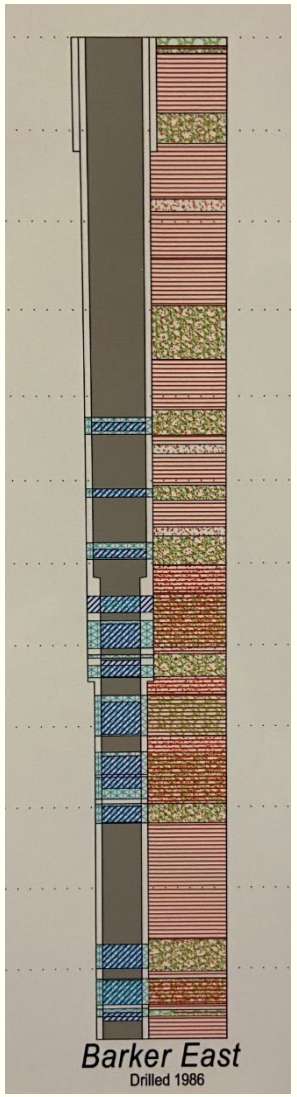
DEPTH From	DEPTH To	MATERIAL Clay	Silt	Sand	Gravel	Cobbles	Boulders	Hardpan	Conglomerate	Bedrock	Other	REMARKS
												2.9' cut off top length for installation of Point of Meter
0	9											Fill
9	12	x										
12	17			x	x							
17	64	x										Gray Sandy (Muck)
64	81	x			x							Hard
81	114			x	x							
114	128	x										Brown Sandy
128	155	x										Gray
155	175	x			x							Hard
175	181			x								Running
181	189			x								Coarse
189	202	x										Gray SAndy
202	203	x										Green Sticky
203	239	x										Gray Sandy w/gravel
239	241	x										Hard
241	242			x	x							
242	254	x										Tan Sandy
254	257	x			x							
257	263	x										Tan Sandy
263	286	x										Gray SAndy
286	295	x			x							
295	357			x	x							Sample #1 (TDS 367)
357	407	x										Gray Sandy
407	416	x										Tan Sandy
416	446			x	x							Sample #2
446	457	x										Gray Sandy
457	468			x								
469	497	x										Gray Sticky
497	506	x										Gray Sandy
506	524			x	x							Sample # 3
524	556	x										Sandy
556	567			x								Coarse (See attachment)

Work started March 27, 1985 Completed January 10, 1986

(14) PUMP:
Manufacturer's Name
Type: H. P.
Depth to pump or bowls feet

Well Driller's Statement:
This well was drilled under my supervision, and this report is true to the best of my knowledge and belief.
Name Lee Drilling Inc. (Person, firm, or corporation) (Type or print)
Address 149 East Gordon Lane, SLC, Utah
(Signed) Robert E. Lee (Well Driller)
License No. 12 Date January 14, 1986

USE OTHER SIDE FOR ADDITIONAL REMARKS



2025

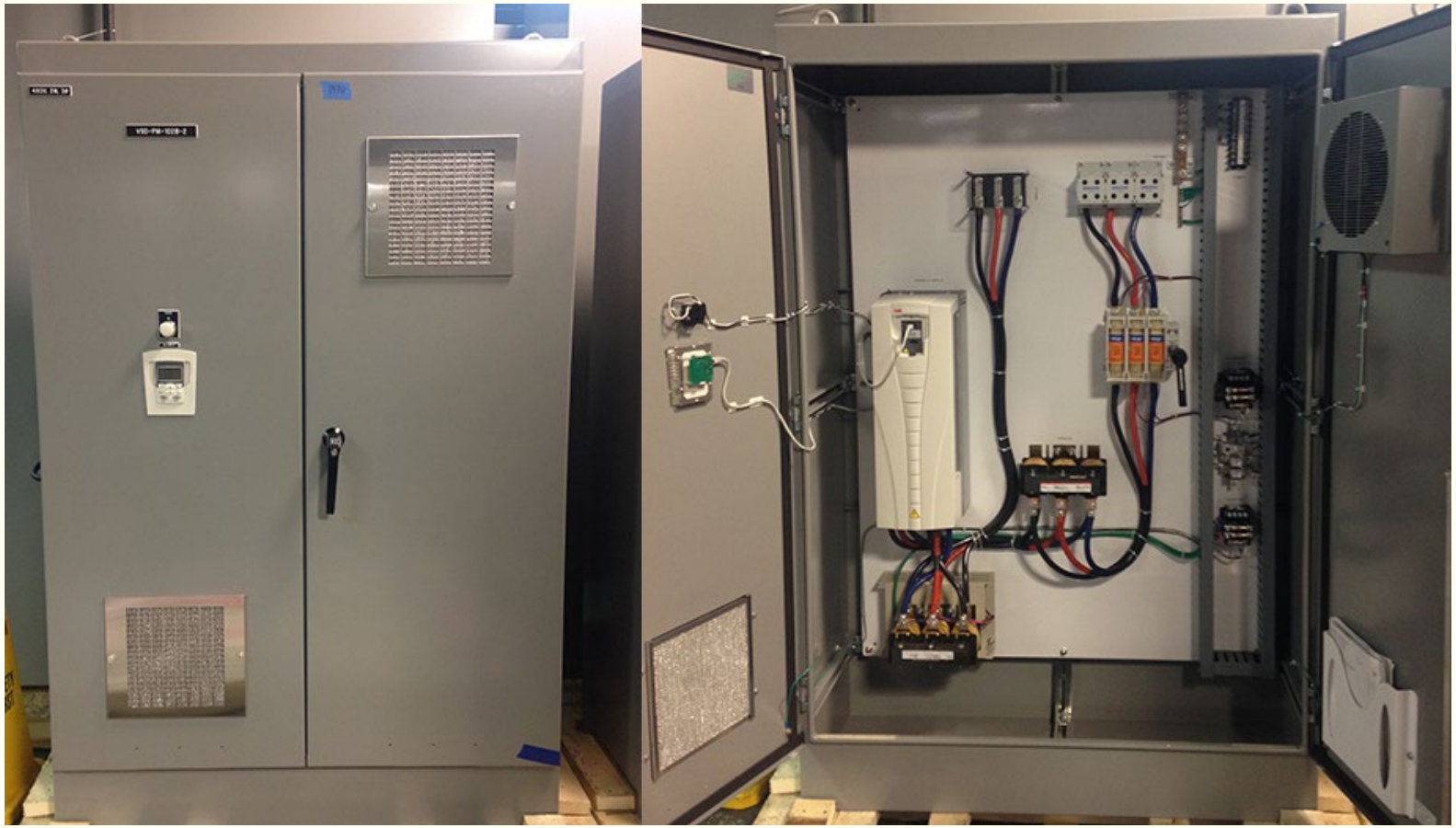
Genset for Treatment Sites

2025

Well rehab

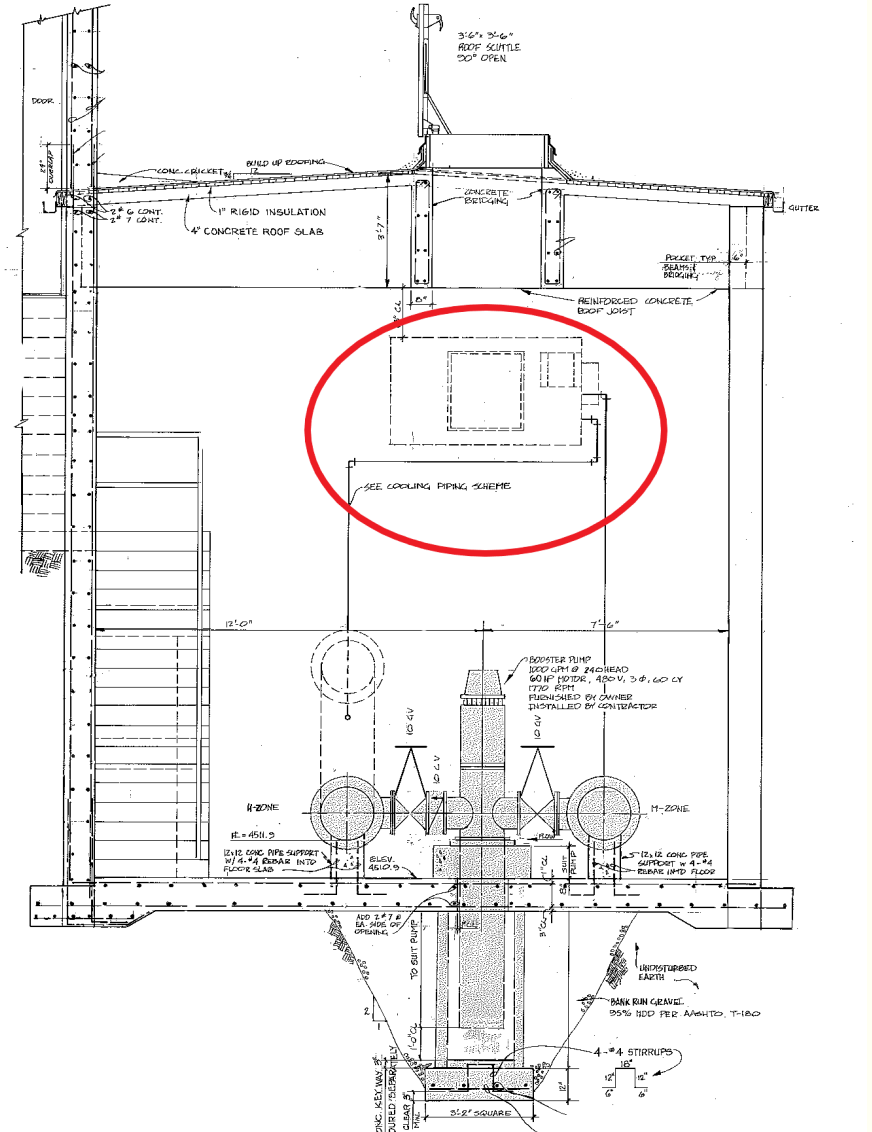
2025

VFD Replacement Valley Well



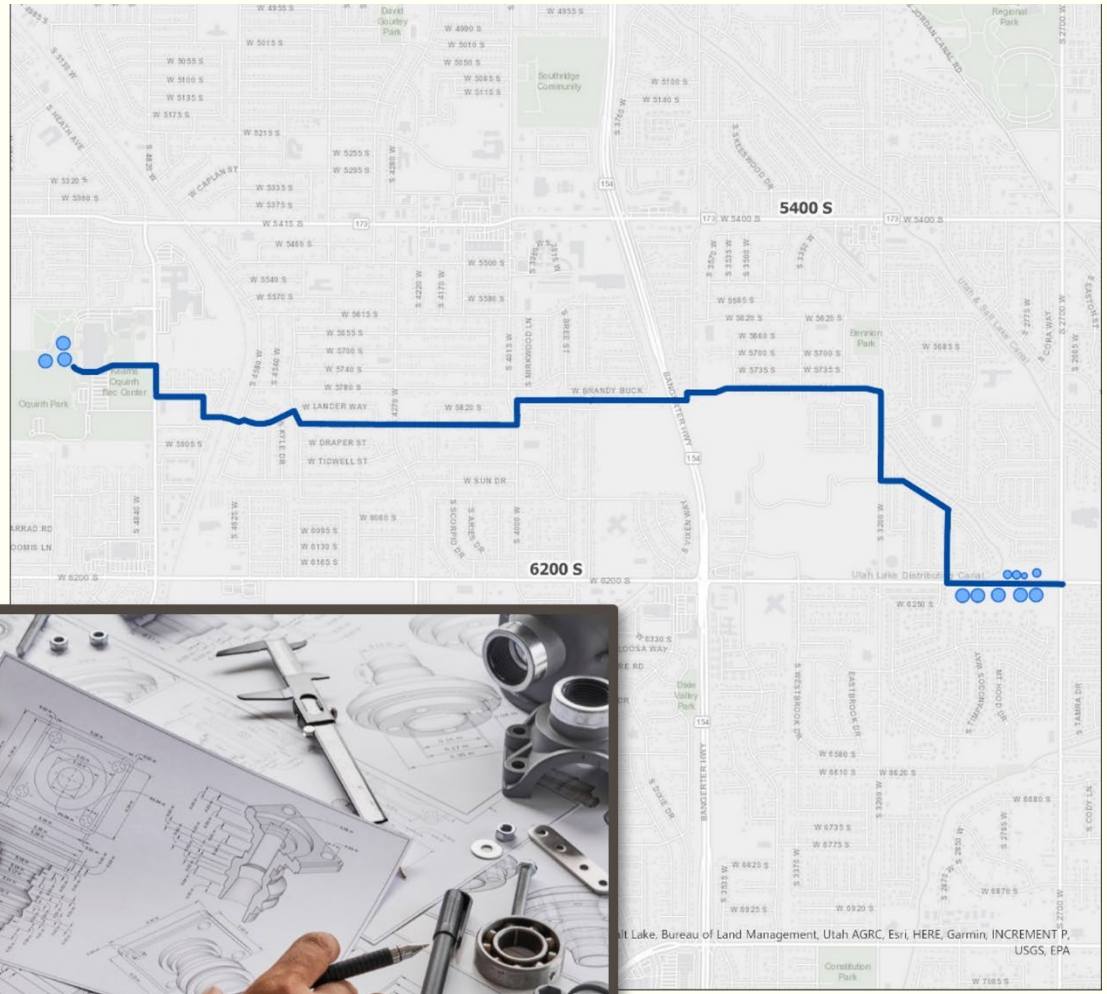
2025

Low Zone South Boosters- Chiller and Panels



2025

Middle Zone Transmission Line Alignment Study and possible easements



2025

Hatch replacement at tank sites

2026

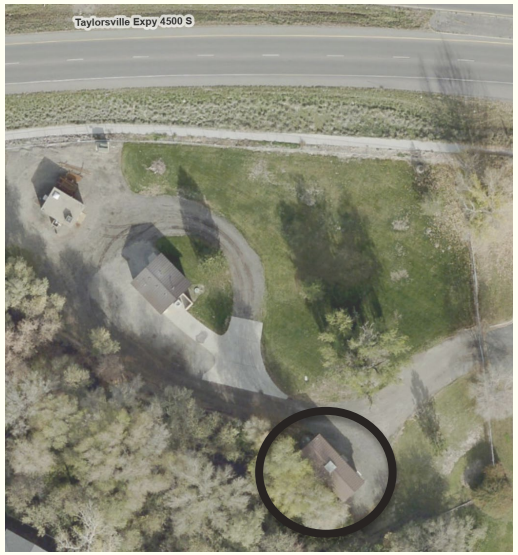
Stock Inventory

2025

Wells Abandonment

White Well #1

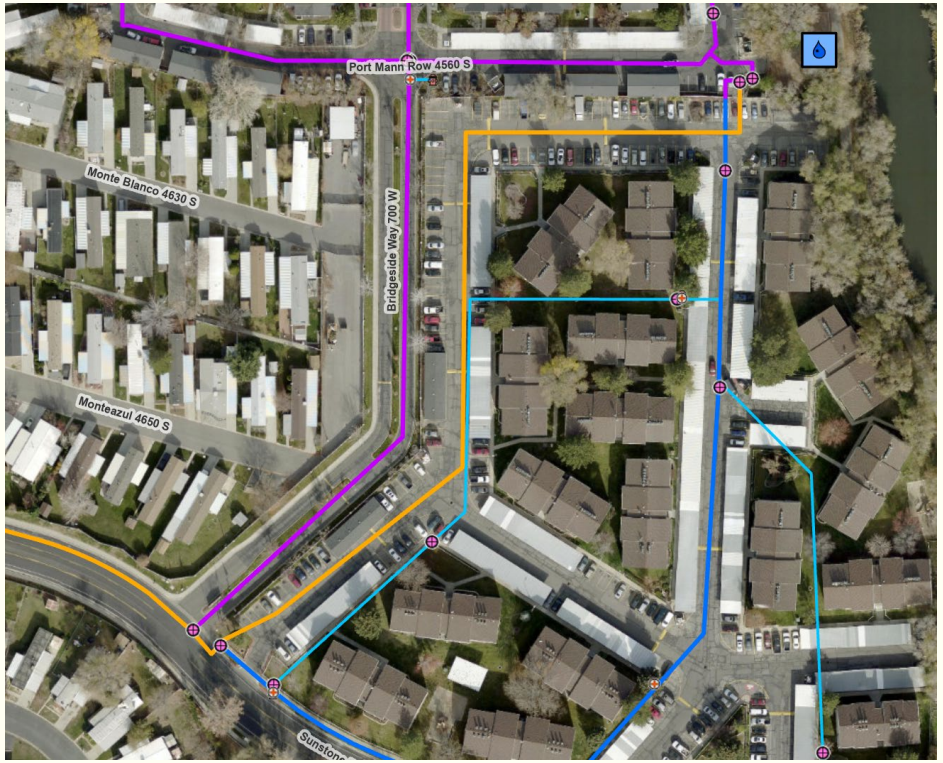
Barker East



White Well #2

2025

Abandon Waterline

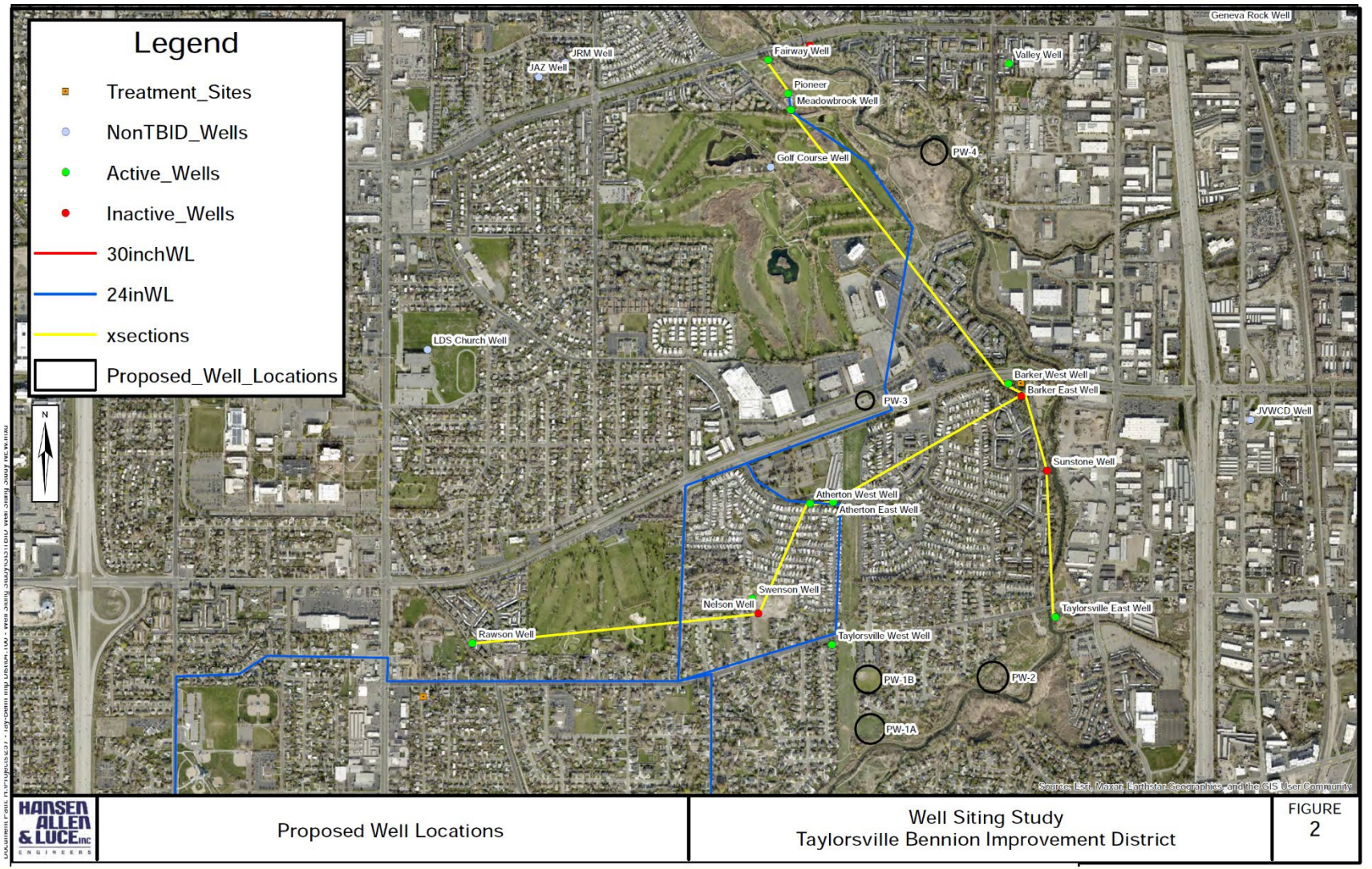


Examples of
Possible Projects

2026

2026

Land for well and shop



2026

Water Vactor

2026

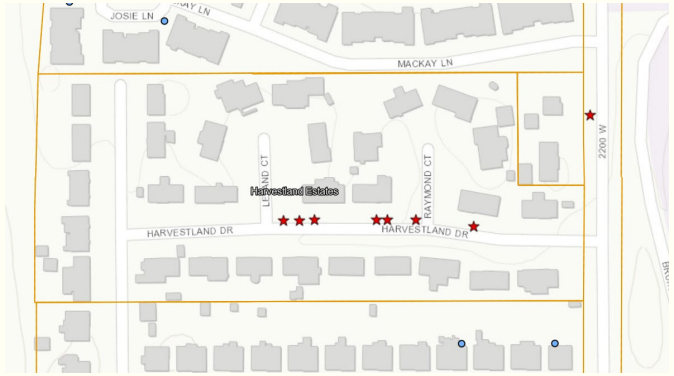
East Block Wall

2026

Crane Truck

2026

Waterline replacement project

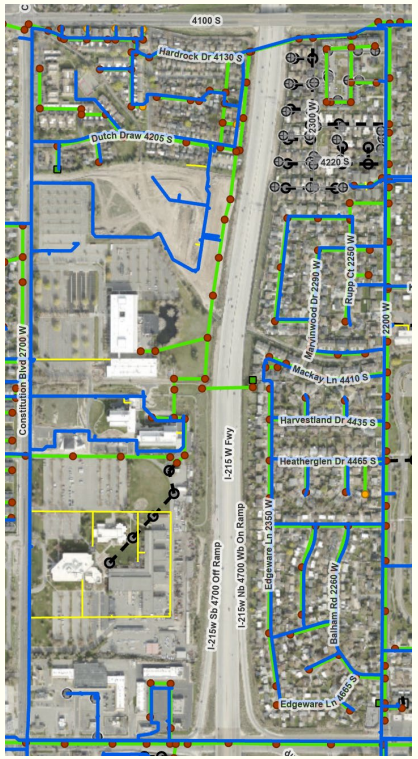


Harvestland

Loop Dead-End 12” Line

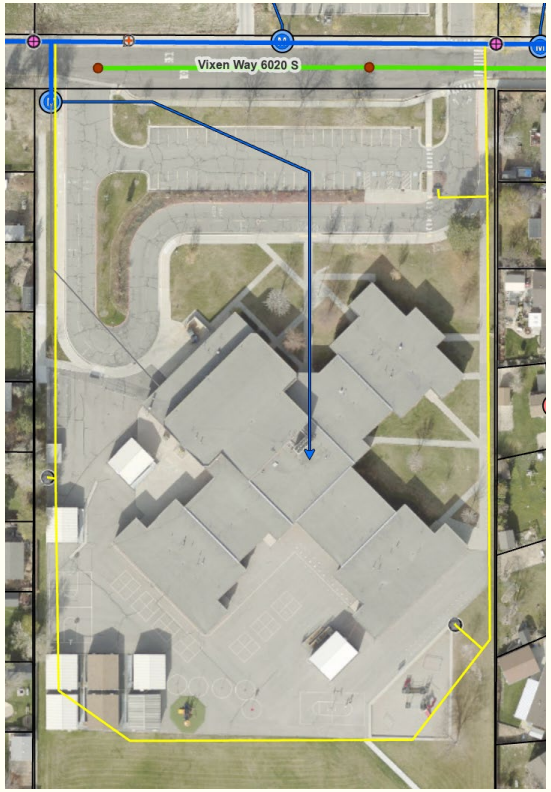
Tamra Drive

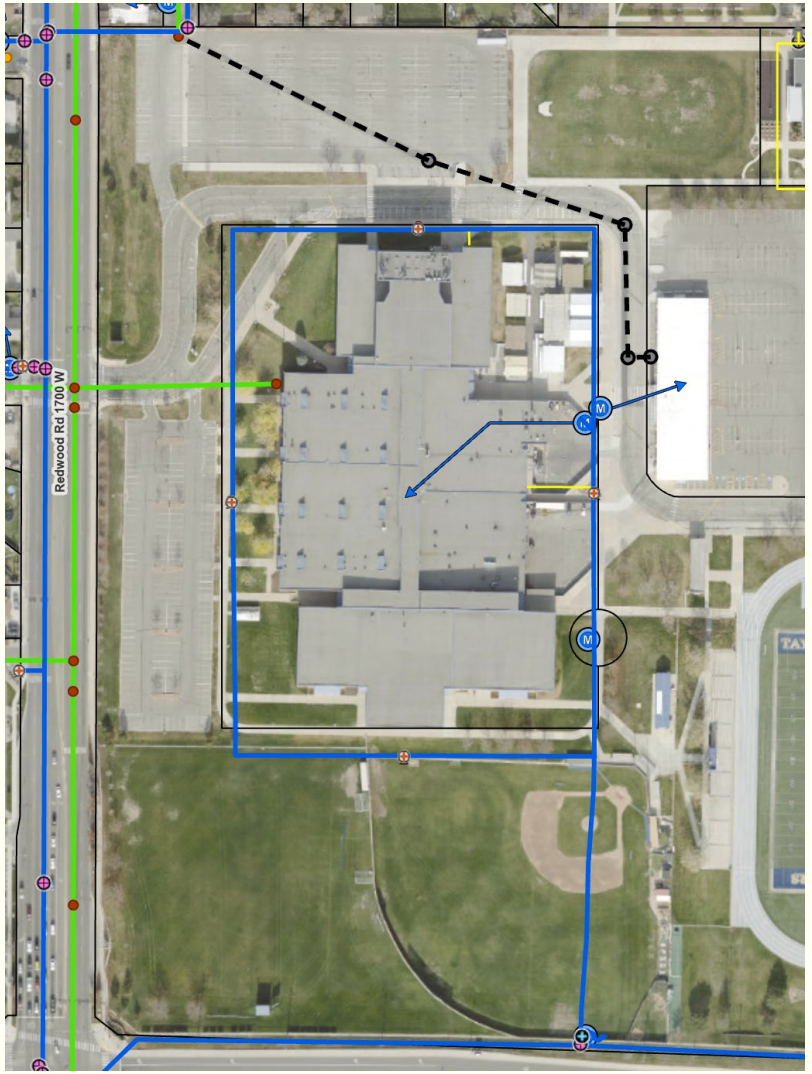
Loop water through abandoned sewer line



2026

Upgrades for schools PMI





2026

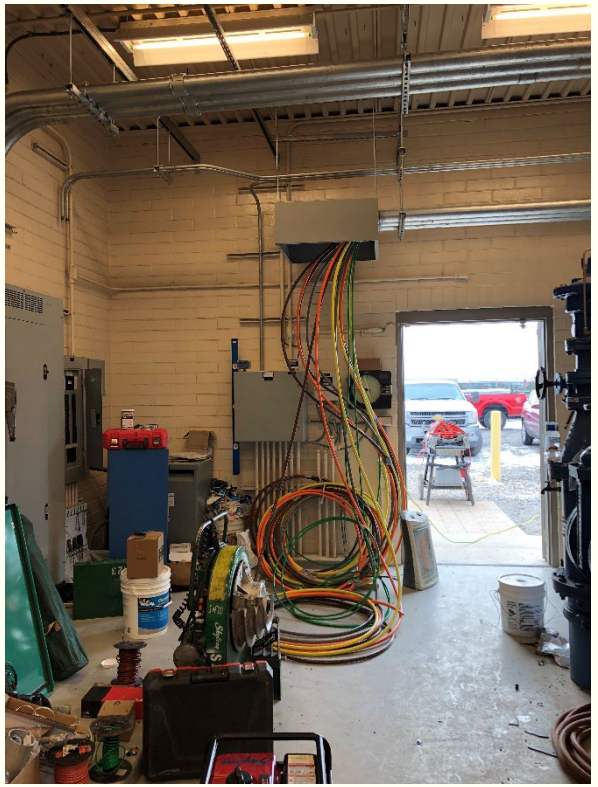
Fire Hydrant Program

2026

New Barker well house

2026

Barker well auxiliary power

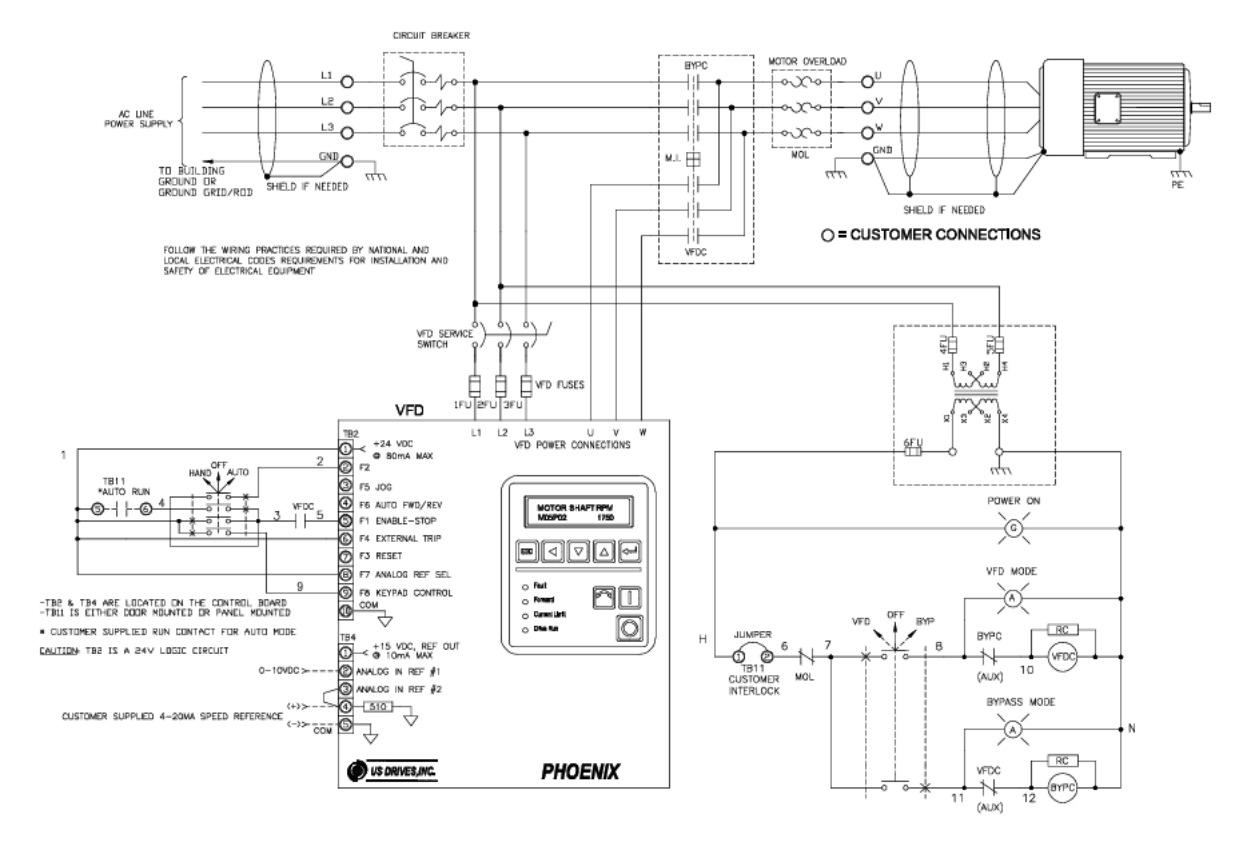


2026

Well Rehab

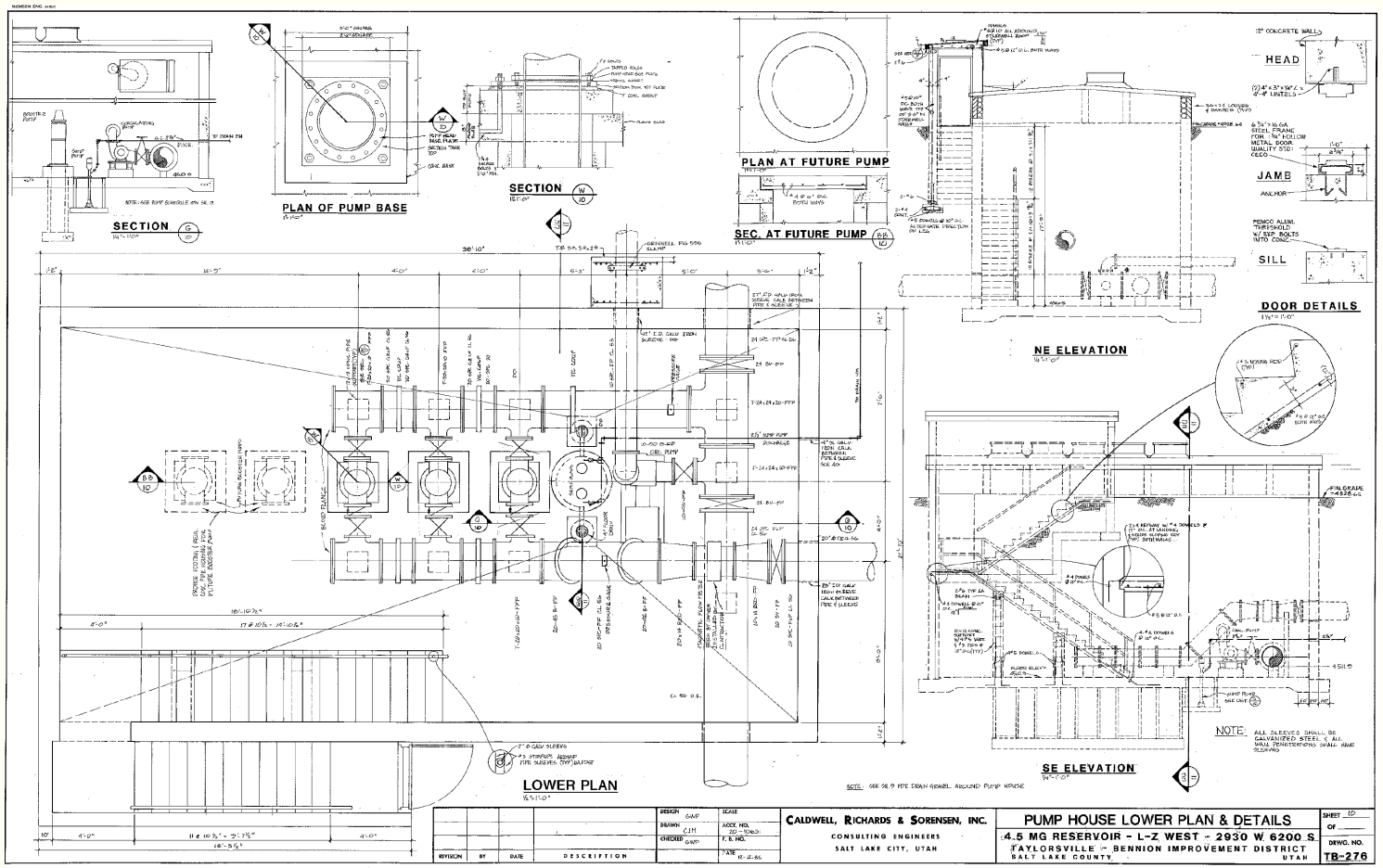
2026

Swenson Well VFD



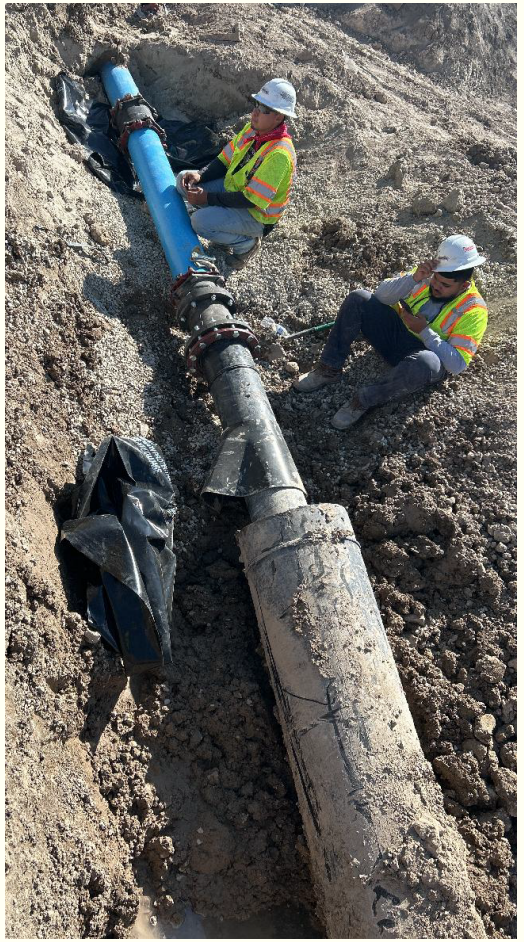
2026

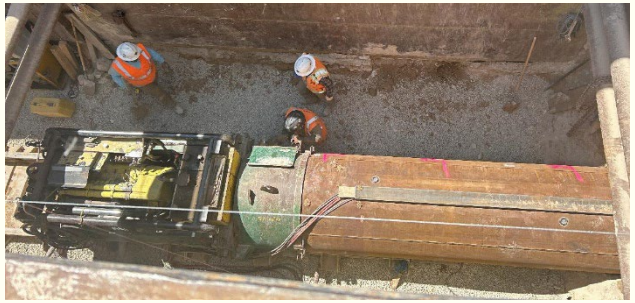
Low Zone South Booster



2026

Middle Zone Transmission Line Boring and Easements





2026

Stock Inventory

2026

Asset Management Study

2027-2034

2027

West Parking Lot expansion

Unit 6

4700/5400 South CIPP project

Manhole rehabilitation

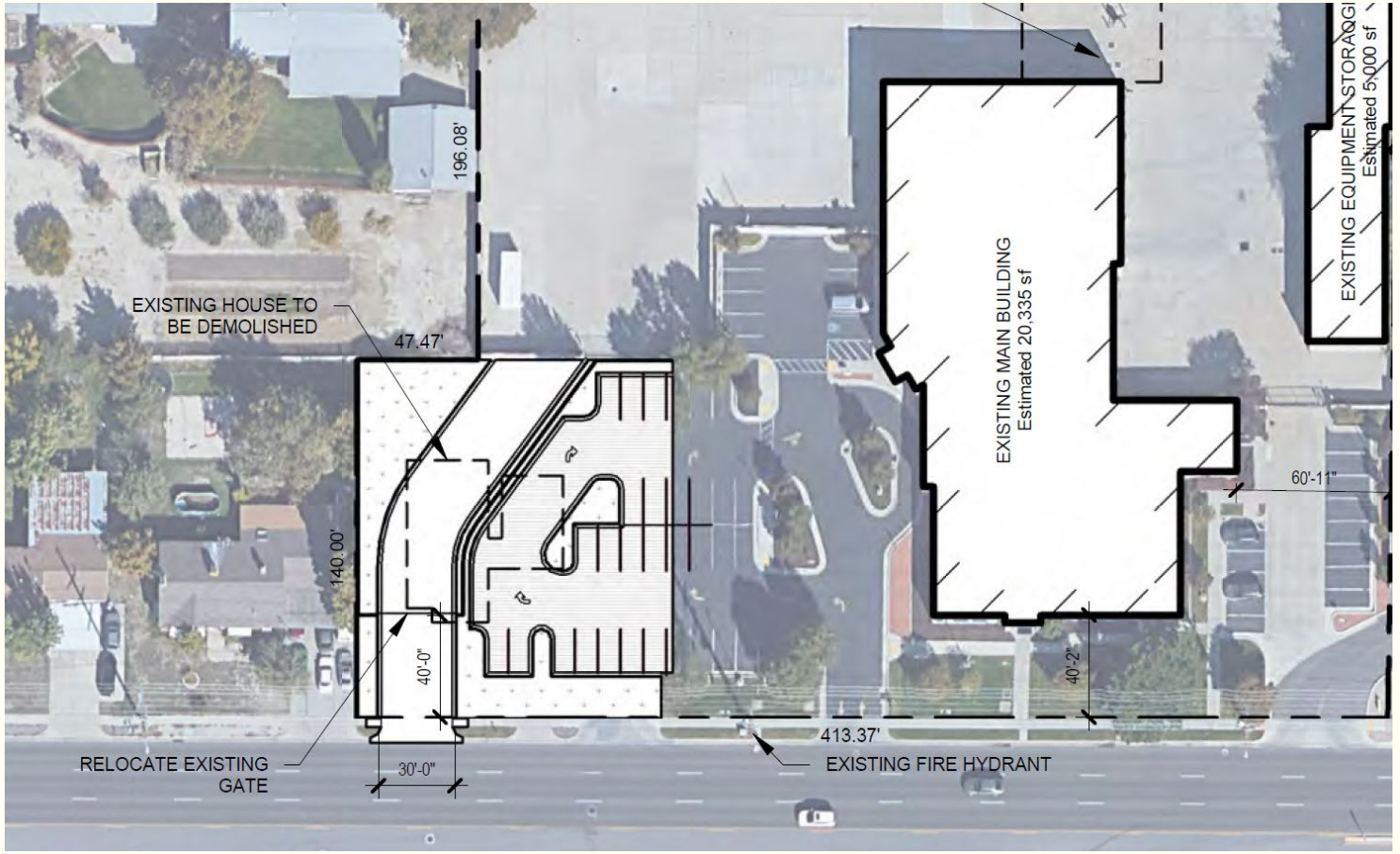
Engineering for waterline replacement

Fire Hydrant Program

Well rehab

Pioneer Well VFD

Kearns Booster



2028

Office Remodel and Expansion

Misc. CIPP sewer rehabilitation

Replace Callaway Siphon

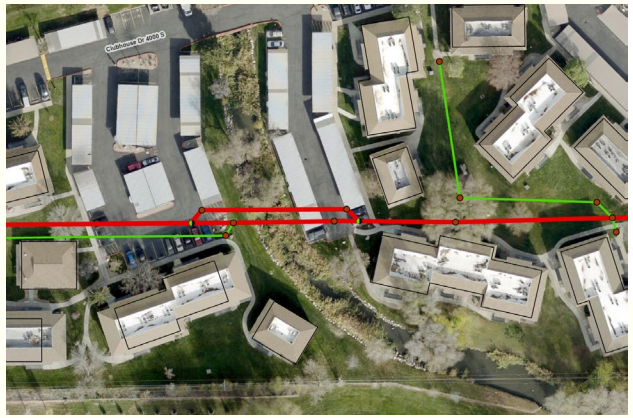
Waterline replacement project

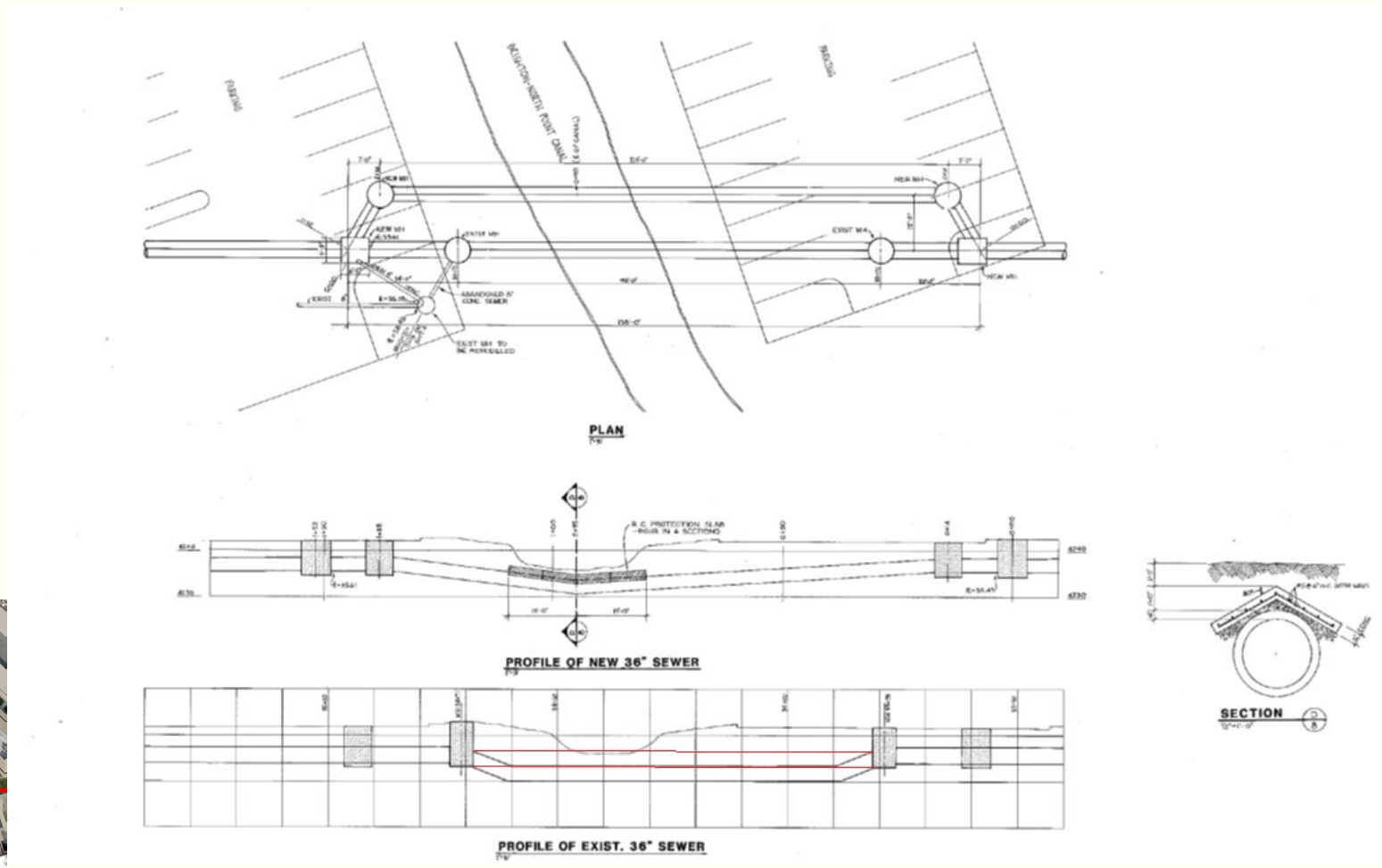
Fire Hydrant Program

3 on-site hypochlorite generators

Well rehab

Kearns Booster VFD





2029

Sewer Vactor

Engineering for waterline replacement

Fire Hydrant Program

Tay-East VFD Replacement

Well rehab

5200 W 6200 S Boosters

Abandon Waterlines

2030

TV Truck #2

Valve Truck

Backhoe

Manhole rehabilitation

Misc. CIPP sewer rehabilitation

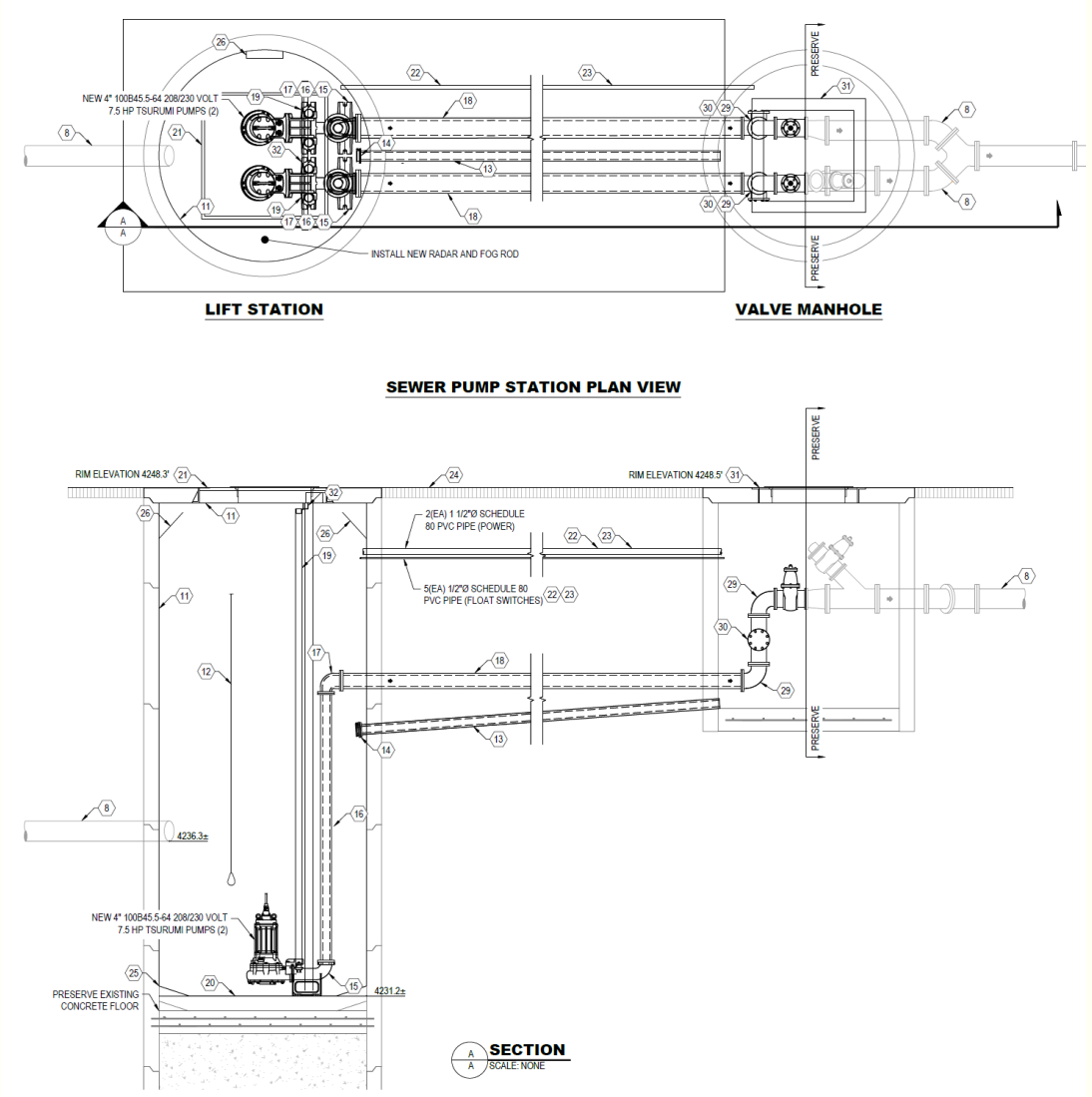
Barrington Park Sewer Lift Station

Waterline replacement project

Barker West VFD

Well rehab

Low Zone North Boosters



2031

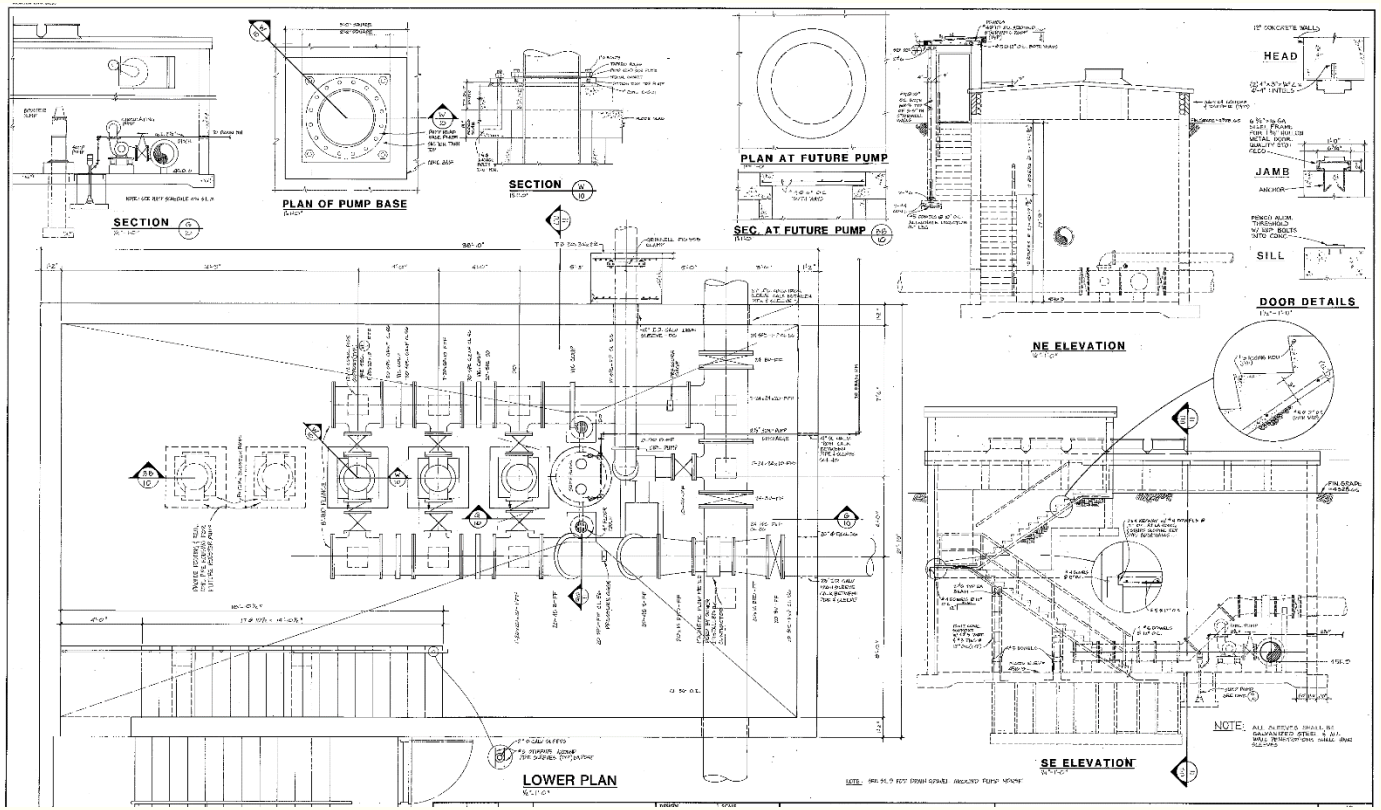
Land for a future well

Well rehab

Rawson Well VFD

Low Zone South Booster

Engineering for new reservoir at Low Zone North



2032

Water Vactor Truck

Manhole rehabilitation

Misc. CIPP sewer rehabilitation

Tay-West VFD

Well rehab

New Low Zone North booster

New reservoir at Low Zone North

Abandon Waterlines

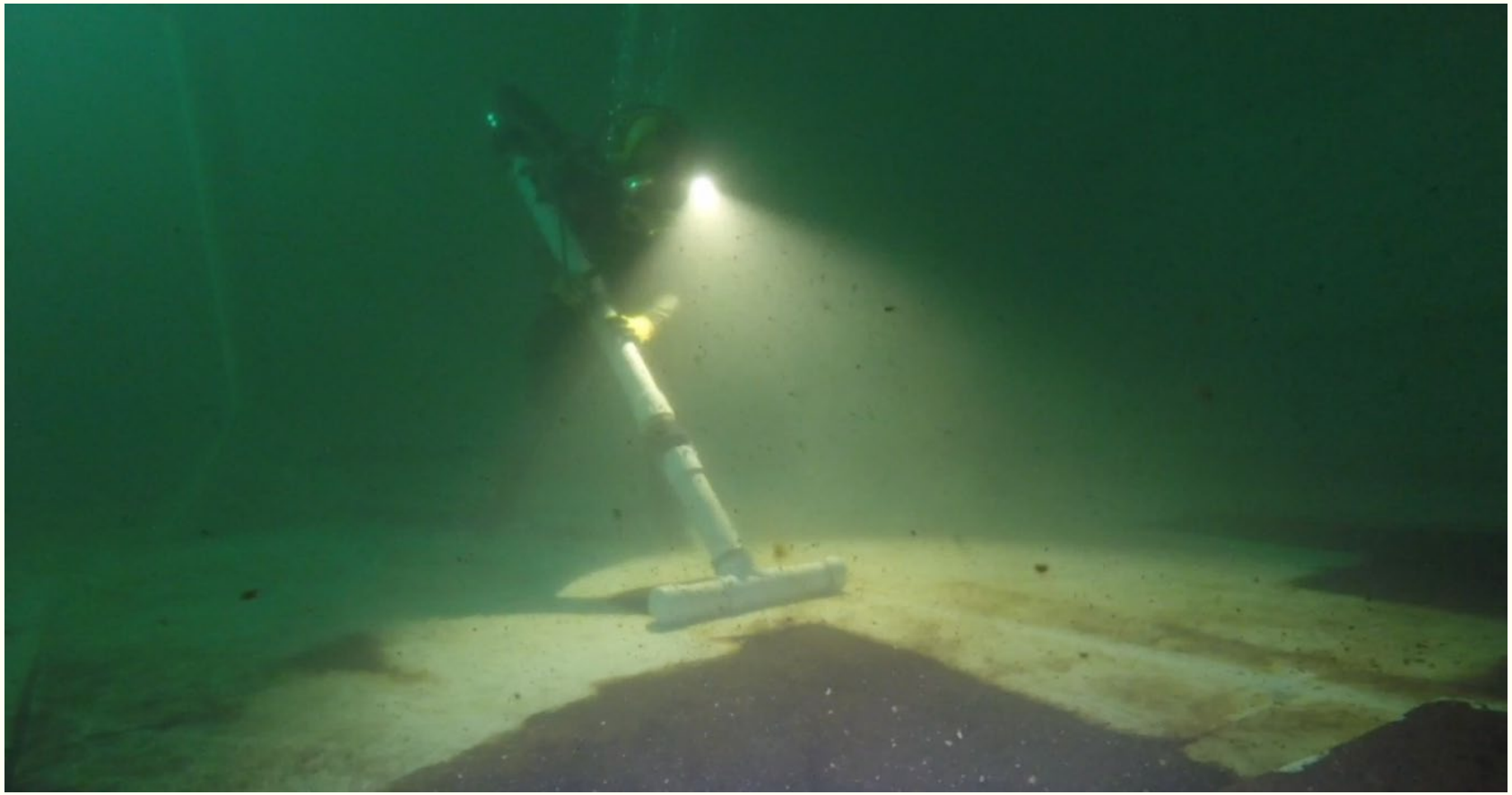
2033

Big Dump Truck

Engineering for waterline replacement

Well rehab

Tank Cleaning



2034

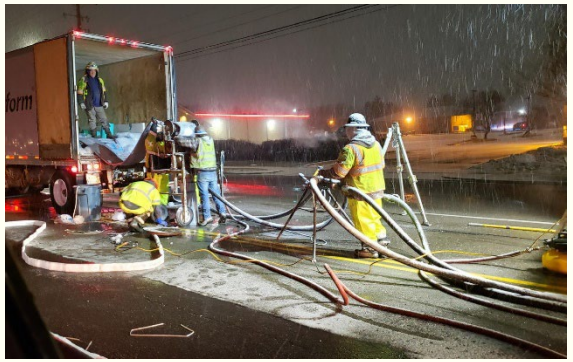
CIPP Projects

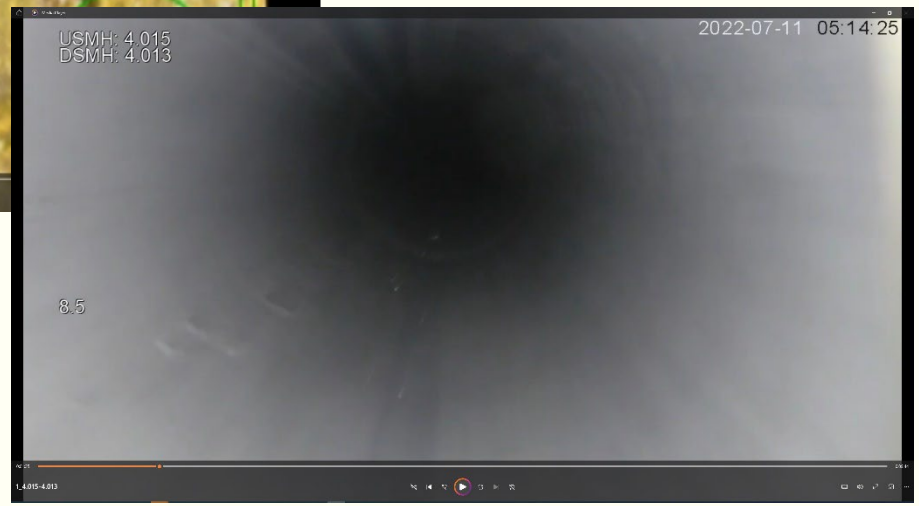
Waterline Replacement

Engineering for Middle Zone Transmission Line

Well rehab

5200 W 6200 S Booster





FINANCIAL UPDATE & PROJECTIONS – 10 YEAR OUTLOOK

October 2, 2024

Bruce Hicken

1

Outline

- Review of 2024
- Current Cash Balances & Reserves
- Summary of 2025 Operating and Capital Budgets
- Review of 10 Year Financial Forecast
- Review of Current and Future Rates

2

REVIEW OF 2024

	2024 Projected Results	2024 Final Budget	Variance	% Variance
Operating Revenue	$ 24,253,100	$ 23,130,000	$ 1,123,100	4.9%
Operating Expenses	$ 18,649,300	$ 20,416,100	$ 1,766,800	8.7%
Non Operating Revenue	$ 2,614,800	$ 3,077,794	$ (462,994)	-15.0%
Non Operating Expenses	$ 1,839,100	$ 1,848,000	$ 8,900	0.5%
Net Income (Loss)	$ 6,379,500	$ 3,943,694	$ 2,435,806	61.8%

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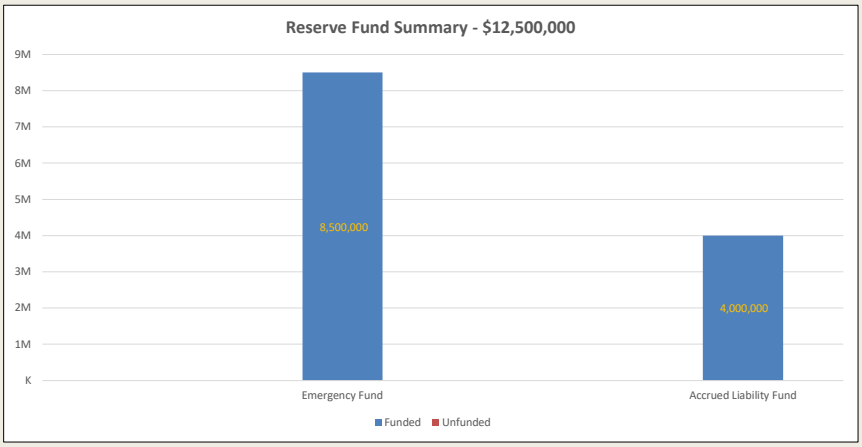
REVIEW OF 2024

Capital Projects	2024 Projected Results	2024 Final Budget	Variance	
TBID	$ 6,000,000	$ 25,409,700	$ 19,409,700	76.4%
Central Valley	$ 800,000	$ 810,000	$ 10,000	1.2%
Total	$ 6,800,000	$ 26,219,700	$ 19,419,700	74.1%

4

Current Reserve Allocation



* Fully Funded

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2025 Operating & Capital Budgets

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2023 Operating Budget

	2024 Final Budget	2025 Preliminary Budget	Variance	% Variance
Operating Revenue	$ 23,130,000	$ 23,910,000	$ 780,000	3.4%
Operating Expenses	$ 20,416,100	$ 21,312,900	$ 896,800	4.4%
Non Operating Revenue	$ 3,077,794	$ 3,663,500	$ 585,706	19.0%
Non Operating Expenses	$ 1,848,000	$ 1,341,000	$ (507,000)	-27.4%
Net Income (Loss)	$ 3,943,694	$ 4,919,600	$ (975,906)	-24.7%
Cash Reconciliation:				
Net Income		4,919,600		
Add: Non-Cash Expenses		4,900,000		
Add: Non-Cash Accruals		400,000		
Net Cash Addition (Reduction)		**10,219,600**		

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2025 Operating Budget

- Operating Income
  - *Includes 3% Rate Adjustment*
  - *CV Fee remains at $12 / ERU / Month*
- Operating Expenses
  - *Jordan Valley Water Conservancy District*
    - 5.5% - $119,000
  - *Central Valley Water Reclamation Facility*
    - Decrease of 5.6% - $292,500
      - *Significant Savings Due to Siphon*
    - 2017 Budget - $1,662,000
    - 2020 Budget - $2,145,000
    - 2023 Budget - $4,493,700
    - 2024 Budget - $5,210,500
    - 2025 Budget - $4,918,000

	% - B4 Siphon	% - After Siphon	Savings
	11.06% / 9.8637%	10.4321% / 9.2936%	
Operating Budget	$ 3,103,338	$ 2,863,002	$ 240,335
Debt Service	$ 2,304,687	$ 2,052,514	$ 252,173
PayGo Capital	$ 814,926	$ 725,989	$ 88,936
Total Savings	**$ 6,222,950**	**$ 5,641,506**	**$ 581,445**

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2025 Operating Budget

- Operating Expenses
  - *Employee Compensation / Benefits*
    - 2.6% COLA Based on July Western States CPI
    - Merit Increase of 0% to 3% Based on Performance / Relation to Midpoint
    - Possible Certifications & Promotions
    - New GIS Supervisor Position
    - Health Insurance – 4.6%
    - Dental Insurance – 5.6%
  - *Depreciation*
    - 14.0% - $480,000

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2025 Operating Budget

- Operating Expenses
  - *Operations & Maintenance Expense*
    - Water Maintenance Expense Increased from $221,700 to $524,800
      - *$300,000 Waterline Abandonment*
  - *General, Liability, Auto Insurance Premiums*
    - 6.8% - $25,000
      - *Estimated increase in replacement values & premium rates*
  - *Election Expense (Possible Division 3)*
    - $50,000

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2025 Operating Budget

- Operating Expenses
  - *Reductions*
    - Central Valley Water Reclamation Facility
      - *5.6% - $292,500*
    - Gas, Oil, & Diesel Expense – 29.4% - $40,000
      - *New Diesel Fuel Tank Filled in 2024*

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2025 Operating Budget

- Operating Expenses
  - *Overall Operating Budget Increase – 4.4%*
    - Without Depreciation – 2.5%
    - Without Depreciation & WL Abandonment – 0.7%
  - *CPI – Western States 2.6%*
  - *2023 COLA 8.3% / Operating Budget Increase 7.1%*
  - *2024 COLA 3.5% / Operating Budget Increase 4.3%*
  - *2025 COLA 2.6% / Operating Budget Increase 2.5%*

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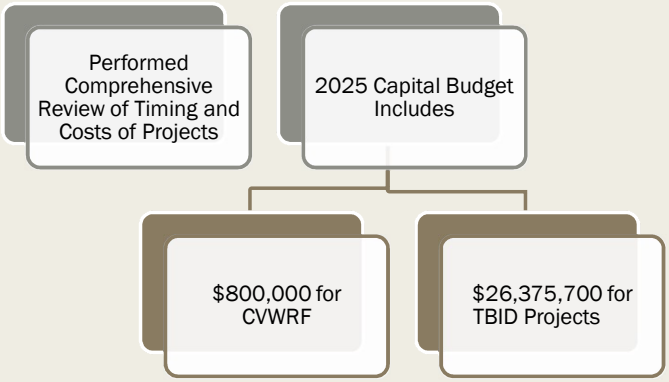
2025 Capital Budget



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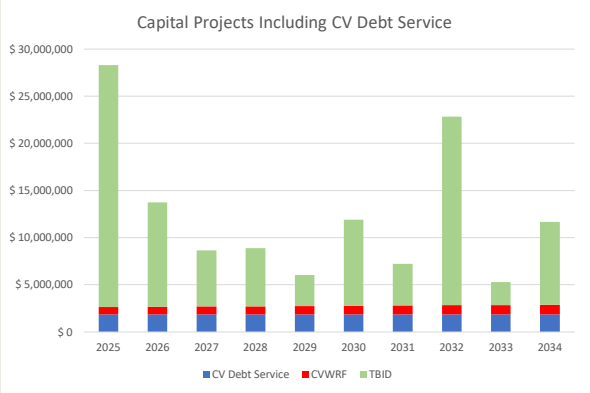
10 Year Forecast

- Reviewed and Updated Needed Projects
  - *From 2025 to 2034*
    - TBID Capital - $97M
    - CVWRF - $27.5M (TBID Portion)
- Striking the Right Balance
  - *Day to Day Operational Costs (Provide Safe, Reliable Service)*
  - *Proactive System Maintenance & Repair*
  - *Impact of JVWCD & CVWRF*
  - *Maintain Necessary Cash Reserves*
  - *Minimize Impact on Customers (Keep Rates Low)*



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Review of Current and Future Rates

- Rate Increase History
  - *2019 – 4% Water & 3% Sewer*
  - *2020 – 3% Water & 3% Sewer*
  - *2021 – 3% Water & 3% Sewer*
  - *2022 – 3% Water & 3% Sewer*
  - *2023 – 17% Water & 17% Sewer*
    - (Inflation, Conservation Impact, CV)

Rate study results

- *2024 to 2027 – 3%*

15

Review of Cost Saving Achievements

- Action Taken to Stay Within Limits of 3% Rate Increase in Rate Study
  - *Project Timing*
  - *Grant Funding*
    - $1.6M (Expected in 2025)
  - *Interest Income – Cash Balance*
    - Projected $1.5M in 2024
    - Current Yield – 5% - 5.5%
    - $1,379,000 Budget For 2025

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Questions / Comments

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RATE AND FEE SCHEDULE
JANUARY 1, 2025

DESCRIPTION	Preliminary

BILLING RATES

Water Rate-Residential Accounts	
Block 1, 0 - 7,000 gallons (per 1,000 gal)	$~~1.72~~ 1.77
Block 2, 7,001 – 25,000 gallons (per 1,000 gal)	$~~2.16~~ 2.22
Block 3, 25,001 – 45,000 gallons (per 1,000 gal)	$~~2.76~~ 2.84
Block 4, over 45,000 gallons (per 1,000 gal)	$~~3.88~~ 4.00
Water Availability-Residential Charge (for 1st Unit)	$~~13.26~~ 13.65
Of Single Unit and Multi-Unit accounts	
+Charge per each additional unit (per month)	$~~11.15~~ 11.48
Water Availability-Residential Charge (for 1st Unit)	$~~12.75~~ 13.13
Of Privately Maintained Infrastructure accounts	
+Charge per each additional unit (per month)	$~~10.64~~ 10.96
Water Availability-Residential Charge (for 1st Unit)	$~~11.17~~ 11.51
Of Mobile Home accounts	
+Charge per each additional unit (per month)	$~~9.06~~ 9.33
Water Rate-Non-Residential Accounts	
Volume rate (per 1,000 gal)	$~~2.19~~ 2.26
Water Availability-Non-Residential Charge (for 1st Unit)	$~~13.26~~ 13.65
+Charge per each additional unit (per month)	$~~11.15~~ 11.48
Water Rate – Wholesale Accounts	
Volume rate (per 1,000 gal)	$~~2.60~~ 2.68
Monthly base rate	Actual Cost
Sewer Rate-All User Accounts	
Volume rate (per 1,000 gal)	$~~2.66~~ 2.74
Sewer Availability-Residential Charge (for 1st Unit)	$~~13.44~~ 13.84
Of Single Unit and Multi-Unit accounts	
+Charge per each additional unit (per month)	$~~12.23~~ 12.60
Sewer Availability-Residential Charge (for 1st Unit)	$~~13.16~~ 13.55
Of Privately Maintained Infrastructure accounts	
+Charge per each additional unit (per month)	$~~11.97~~ 12.33
Sewer Availability-Residential Charge (for 1st Unit)	$~~12.32~~ 12.69
Of Mobile Home accounts	
+Charge per each additional unit (per month)	$~~11.11~~ 11.44
Sewer Availability-Residential Charge (per month)	
Of Small Unit accounts	$~~10.33~~ 10.64
+Charge per each additional unit (per month)	$~~9.12~~ 9.40
Central Valley Assessment Per ERU (per month)	$12.00
Central Valley Assessment Per ERU – small unit (per month)	$8.95

RATE AND FEE SCHEDULE
JANUARY 1, 2025

DESCRIPTION	Preliminary

OFFICE FEES

Administrative Fee (actual not-to-exceed)	$1,000.00
After Hours Call	$75.00
Certification Fee	$20.00
Collection fee	Actual Cost
Copy costs	Actual Cost
EFT Return items, Other (actual not to exceed)	$25.00
Interest on Unpaid Balance (per month)	1.5%
Meter test charge	$50.00
Military Credit (per month actual not-to-exceed)	$50.00
Refund Requests (per check)	$25.00
Return Check Charge-Dishonored Payment	$20.00
Telephone Calls	Actual Costs
Tenant Account Set-Up Fee (per occurrence)	$35.00
Multiple Trip Fee (Multiple visits to same location in same year of 3+)	$25.00
Turn-On/Off Fee (Daytime-Special Request)	$25.00
Unauthorized Meter Turn On/Off Fee (per occurrence)	$75.00
Statement Fee-Additional (per statement)	$1.00
Service Outside District Boundary Fee	Actual Difference
Tampering or Destruction of District Equipment	Actual+Adm fee

PRETREATMENT AND SAMPLING FEES

Sampling Fee (Pretreatment)	$150.00
Sampling Manhole Noncompliance Fee	$150.00
Sewer Surcharge	Based on the different strengths of the discharge and the associated costs

HYDRANT USE FEES

Hydrant Deposit (per hydrant)	$500.00
Hydrant Flow Test Permit (per test)	$100.00
Hydrant Meter Relocation Fee (per move)	$50.00
Hydrant Permit (Initial 2 weeks)	$175.00
Hydrant Permit (Per Week After Initial 2 Weeks)	$50.00
Hydrant Water (per 1,000 gallons)	$~~2.50~~ 2.84

RATE AND FEE SCHEDULE
JANUARY 1, 2025

DESCRIPTION	Preliminary

DEVELOPMENT DEPOSITS

Fire Hydrant Deposit (per hydrant)	$200.00
Manhole Deposit (per manhole)	$300.00
Valve Deposit (per valve)	$100.00
Trench Deposit For Sewer Mainline (per 100 lf)	$100.00
Trench Deposit For Water Mainline (per 400 lf)	$100.00
Trench Deposit For Laterals (per lateral)	$50.00

DEVELOPMENT FEES

New Development Application Fee (Main line Ext)	$250.00
As-built Drawings (per sheet)	$300.00
Bacteriologic Sampling Fee	
First sample	$~~92.00~~ 115.00
Additional samples (same trip)	$~~52.00~~ 68.00
Sewer Lateral Inspection (new connection)	$200.00
Inspection Fees (per hour)	$~~93.00~~ 95.00
Preconstruction Meeting	$200.00
Prints (per sheet)	$20.00
Review Fees (per sheet) (Up to 3 Reviews)	$300.00
Easement Review Fee	$200.00
Easement Surveying and Review Fee	Actual Cost
TV Truck Line Inspection (per linear foot)	$~~0.50~~ 0.51
Plat approval, Board of Health Letter (No Main line Ext)	$50.00
Water Connection Fees	See Exhibit B

IMPACT FEES

Sewer Impact Fees	See Exhibit A
Water Impact Fees	See Exhibit A

RATE AND FEE SCHEDULE
JANUARY 1, 2025

DESCRIPTION Preliminary

LABOR, EQUIPMENT AND MATERIALS USAGE CHARGES

Vactor Truck w/1 operator (per hour)	~~$225.00~~ 245.00
Truck – Unit #6 (per hour)	$40.00
Truck – Dump w/1 operator (per hour)	~~$85.00~~ 115.00
Truck – Pickup (per hour)	$20.00
Backhoe / Mini Excavator w/1 operator (per hour)	~~$85.00~~ 140.00
Compressor (per hour)	$50.00
Pump – 2" (per hour)	$30.00
Jumping Jack (per hour)	$15.00
Viber Plate (per hour)	$15.00
Saw cut machine (per hour)	$25.00
Cut off saw (per hour)	$25.00
Crane Truck (per hour)	$50.00
Valve Truck (per hour)	$50.00
TV Truck (per hour	$140.00
Employee – Reg time rate (per hour)	~~$60.00~~ 62.00
Employee – Overtime rate (per hour)	~~$79.00~~ 81.00
Sewer Lateral Inspection Fee (existing customers)	~~$100.00~~ 150.00
Materials	Actual+Adm Fee
Water Loss (Estimated by Supervisor-Block 4 rate)	Actual+Adm Fee

DROUGHT CONTINGENCY RATES

Moderate Drought Rates

Residential Accounts	Tier 1	Tier 2	Tier 3	Tier 4
Change to Existing Volume Rate	0%	0%	+50%	+100%
Tier Definition (per 1,000 gal)	0-7	7-25	25-45	45+

Non-Residential Accounts	+10%
Wholesale Accounts	+10%

Extreme Drought Rates

Residential Accounts	Tier 1	Tier 2	Tier 3	Tier 4
Change to Existing Volume Rate	0%	+25%	+100%	+150%
Tier Definition (per 1,000 gal)	0-7	7-25	25-45	45+

Non-Residential Accounts	+20%
Wholesale Accounts	+20%

EXHIBIT A

Effective January 1, 2025

2025 WATER IMPACT FEE

Meter Size*	Operating Flow (gpm)	Equivalency Ratios	Proposed Impact Fee
Ultrasonic Meters			
Single Family Residential Equivalent 5/8"	20	1.00	$ 5,102.22
0.75"	30	1.50	$ 7,653.34
1"	50	2.50	$ 12,755.56
1.5"	100	5.00	$ 25,511.12
2"	160	8.00	$ 40,817.79
3"	500	25.00	$ 127,555.59
4"	880	44.00	$ 224,497.84
6"	1,400	70.00	$ 357,155.66
8”	2,800	140.00	$ 714,311.31
10”	4,400	220.00	$ 1,122,489.21

* Capacities for meters equal to or less than 6 inches in size are based on ultrasonic meters, and capacities for meters greater than 6 inches in size are based on fire service meters.

The total calculated impact fee is summarized as $ 4,467.46 per ERC. From this value per ERC, the exhibit converts the overall fee to different meter sizes based on American Water Works Association (AWWA) meter capacity ratios.

2025 SEWER IMPACT FEE

Units of Measure	Wastewater Impact Fee
Per Equivalent Residential Connection	$~~2,630.14~~ 2,697.73
Per Equivalent Multi-Unit Connection	$~~2,500.38~~ 2,554.66
Per Fixture Units (26 Units per ERC)	$~~108.71~~ 111.07

EXHIBIT B:
WATER METER CHARGES & CONNECTION FEES
EFFECTIVE JANUARY 1, 2025

Line Tap & Meter Set Only

(The District will perform the line tap (up to 2") for the service connection and set the meter. The material for the line tap and the meter will be paid for by the District.)

METER SIZE	
- 3/4"	$~~268~~ 273 + Actual Meter Cost
- 1"	$~~291~~ 297 + Actual Meter Cost
- 1 ½"	$~~391~~ 396 + Actual Meter Cost
- 2"	$~~491~~ 496 + Actual Meter Cost

Resolution of the Board of Trustees

RESOLUTION # 24-10

WATER AND WASTEWATER RULES & REGULATIONS AMENDMENT

IT IS HEREBY RESOLVED by the Board to amend the current Water and Wastewater Rules & Regulations as follows:

A. General Provisions

13.3 Accessing, Tampering or Destruction of Assets or Equipment

"Unauthorized access to or interference with any components of the District's infrastructure, including but not limited to meter boxes, valve covers, manhole covers, meter box lids, or metering antennas, is expressly prohibited. The removal, tampering, or alteration of these appurtenances is a violation of these regulations. It is unlawful for any person to access, break, injure, damage, destroy, uncover, deface, or tamper with any structure, equipment or appurtenance which is a part of the District's water or sewer system. Each violation thereof shall be charged a fee, as stated in the Rate and Fee Schedule. The provisions of this Rule shall not be deemed to waive any criminal liability otherwise established by law.

B. Water Provisions

6.2 Multi-Unit Metering Requirement

A single service line with a meter may be allowed to a residential or mixed-use multi-unit structure (of eight or more units) or a nonresidential multi-unit structure, provided that:

a) All units within the single structure are owned by a single owner and the owner has agreed in writing to assume and be responsible for the payment of the total water bill without any deductions for vacancies or other reasons; and

b) all residential units in the structure are accessed through a single common entry; and

c) The District, in its sole discretion, considers it in the best interest of the District that the residential, mixed-use or nonresidential multi-unit structure be served by a single service line and meter.

Notwithstanding the foregoing, each individual structure shall obtain service through a separate service connection and meter.

C. Wastewater Control Provisions

2.2 Separate Lateral Connections Required

Except as provided below, each unit in a residential, mixed-use, or nonresidential multi-unit structure shall have its own ~~Each unit shall have a~~ separate direct connection to the District's wastewater main line, ~~unless the District determines that a separate connection is impossible, impracticable or in the best interest of the District~~ and. ~~E~~each owner will bear and pay for the maintenance and repair of their wastewater lateral ~~on their property~~.

2.2.1 Multi-Unit Wastewater Lateral Connection Requirement

A single lateral may be allowed to a residential or mixed-use multi-unit structure (of eight or more units) or a nonresidential multi-unit structure, provided that:

d) All units within the single structure are owned by a single owner and the owner has agreed in writing to assume and be responsible for the payment of the total sewer bill without any deductions for vacancies or other reasons; and

e) all residential units in the structure are accessed through a single common entry; and

f) The District, in its sole discretion, considers it in the best interest of the District that the residential, mixed-use or nonresidential multi-unit structure be served by a single lateral.

Notwithstanding the foregoing, each individual structure shall obtain service through a separate lateral. Exceptions for non-dwelling accessory structures located on the same parcel with the same owner will be considered on a case-by-case basis and at the sole discretion of the District.

4.9.1 Grease, Oil and Sand Interceptors

a) A sampling manhole shall be installed where it will be permanently accessible and as determined by the District.

b) Grease, oil, and sand interceptors, as described by the current plumbing code, shall be required of any user when, in the opinion of the District, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts, or any flammable wastes, sand and other harmful ingredients. All establishments with potentially elevated BOD, TSS, FOG, or acidic levels will be required to use a grease interceptor. All interceptors shall be of a capacity as designed by a certified professional and of a type approved by the District. The location shall be approved by the District.

c) All grease, oil, and sand interceptors shall be constructed and

installed according to District standards.

d) All grease, oil, and sand interceptors shall be privately owned and maintained in continuous efficient operation at all times by the user at their sole expense.

e) Grease interceptors may be placed on dedicated lines specifically intended for grease management, but they shall not be installed on common sewer laterals used for regular sewage. ~~Grease interceptors shall not be placed on common laterals.~~ Information and data on a user obtained from reports, questionnaires, permit applications, permits and monitoring programs and from inspections shall be available to the public or other governmental agency in accordance with the provisions of the Utah Government Records Access and Management Act. Under no circumstances will effluent data be considered confidential. All effluent data shall be available upon request to the public, State and U.S. EPA personnel.

PASSED, APPROVED AND ADOPTED this 2nd day of October 2024.

Don Russell

Don Russell, Board Chair

Mark Chalk

Mark Chalk, District Clerk

Resolution of the Board of Trustees

RESOLUTION # 24-11

ADMINISTRATIVE POLICIES AND PROCEDURES AMENDMENT

IT IS HEREBY RESOLVED by the Board to amend the current Administrative Policy and Procedures Manual as follows:

Throughout the manual, where it currently refers to "the controller", it will be changed to read, "the Chief Financial Officer" or "the CFO".

3.1 POWERS AND DUTIES

The General Manager shall:

A. Attend, either in person or virtually, all meetings of the Board and take part in its discussions and deliberations unless previously excused.

4.2 PREPARATION OF BUDGET

A. On or before the first regularly scheduled meeting of the Board in October, the budget officer, or their designee, shall prepare for the ensuing fiscal year, and present to the Board, tentative~~,~~ operating and capital budgets, together with other supporting data required by the Board.

4.3 REPORTS

A. The General Manager, or their designee, shall prepare and present to the Board monthly financial reports showing the financial position and operations of the District for that month and year-to-date status.

B. Within 150 days after the close of each fiscal year, the General Manager, or their designee, shall present to the Board an annual financial report prepared in conformity with generally accepted accounting principles. This requirement may be satisfied by presentation of the audit report furnished by the independent auditor, if the financial statements included therein are appropriately prepared and reviewed with the Board.

4.5 CHECKS

A. ~~The District may use a signature card, kept by the Treasurer, with signature facsimiles of both the General Manager and the Treasurer~~ The Treasurer will

ensure the District's current banking partners have a current signature card on file. A copy of each check shall be printed or photocopied and attached to the invoice being paid. A check register shall be prepared by the Accounts Payable Clerk (or an alternate employee designated by the General Manager) and then reviewed and initialed, if approved, by the ~~controller~~CFO.

B. Payroll checks and checks for budgeted items in the operation and maintenance fund, together with all other disbursements approved by the Board, may be processed through any of the District's check printing systems. The Accounts Payable Clerk, or alternate designated by the General Manager, shall prepare a pre-check register. The register shall be approved by the ~~controller~~CFO.

C. All checks are required to be signed by two authorized officers that are authorized by the Board to be on the bank signature card.

4.6 RESERVES/CONTINGENCY

It is the District's philosophy that in order to provide water and sewer service in case of a major asset failure due to a catastrophic event, natural disaster or other unplanned event, it is deemed wise and prudent to maintain a level of cash reserve to afford the immediate reconstruction of the failed asset(s). The goal ~~would is~~be to ~~achieve~~ have a reserve of ~~$15,000,000~~ $12,500,000 ~~through moderate savings~~ starting in 2025. In order to ensure the sufficiency of the reserve funds into the future, the reserve amounts are to adjust every year after that by the Consumer Price Index as published by the US Bureau of Labor Statistics Western Region CPI for July. Notwithstanding this adjustment, the Accrued Liability Reserve is not to exceed the calculated liability amount. Reserve funds may only be used upon approval of the Board.

A. Reserve Category and amounts

1. Emergency Fund - ~~$6,000,000~~ $8,500,000

~~2. Capital Construction Fund - $5,000,000~~

~~3.~~2. Accrued Liability Fund - $4,000,000

~~4.~~3. Operating Cash Limits - ~~$4,000,000 - $8,000,000~~ The goal is to maintain operating cash between one to two months of operating expenses, excluding depreciation.

4.7 CREDIT CARD PURCHASES

A. The following is the policy and procedures for the District to use a credit card for purchases of items or services for District purposes. The District credit card use will follow the Procurement and Purchasing policy as adopted by the District.

1. All credit card purchases will be limited to the Budget Limitation contained in the Uniform Fiscal Procedures Act for Utah Local Districts.

2. Purchases with the District credit card will consist of travel arrangements, services, utilities, parts and materials for District use and purposes, and any other purchase approved by the General Manager within the approved budget set by the Board of Trustees.

3. The District will only have three (3) credit cards. The District credit cards will be under the District name and, only to the extent required, in the name of District staff, as determined by the General Manager.~~the authorized users of the cards for the District. Any Employee holding a District credit card shall sign a Credit Card Agreement in the form attached as Appendix 4.9.A.3.~~

4. Cards shall remain at the District offices at all times, unless removal from the Office is approved by the General Manager. Cards shall be returned to the District offices as soon as reasonably practicable.

5. The card can be used by ~~the authorized holders, or~~District employees for District purposes and as approved by the ~~with authority otherwise given by the~~ General Manager.

CHAPTER 8 - RISK MANAGEMENT

8.1 INSURANCE COVERAGE

The District ~~has~~ shall maintain comprehensive insurance coverage to mitigate potential risks associated with its operations. This includes insurance coverage for general liability, motor vehicles, earth movement, and property damage. Commercial Property and Boiler and Machinery coverage shall be~~is~~ carried on the principal offices of the District.

8.2 PROCEDURE FOR FILING AND PROCESSING OF CLAIMS

A. The procedures for filing and settling claims shall conform with the statutory guidelines contained in the Utah Governmental Immunity Act, Utah Code Ann. (1953) § 63-30-1, et seq., as amended.

B. The General Manager may prescribe the use of forms and promulgate administrative procedures not inconsistent with the Utah Governmental Immunity Act to expedite the claims-processing procedures of the District.

~~C. The General Manager shall periodically advise the Board concerning claims which have been filed against the District.~~

~~D.~~C. The General Manager, after consultation with the District's attorney, may compromise and settle any claim if the payment in compromise is $5,000 or less. All claims settled by the General Manager shall be reported to the Board. The settlement and compromise of claims in an amount exceeding $5,000 must be authorized by the Board.

8.3 INDEMNIFICATION OF EMPLOYEES

Trustees, officers, and employees of the District shall be indemnified for acts or omissions occurring during the performance of their duties, within the scope of employment, or under color of authority, pursuant to the provisions of the Utah Governmental Immunity Act.

8.4 RISK MANAGEMENT OBJECTIVE~~POLICY~~ AND PROCESS~~STATEMENT~~

A. The District is committed to minimizing the impact of accidental or unforseeable losses on its personnel, property, financial stability, and ability to serve its customers, employees, and the general public.

~~a. The District's Risk Management Policy is to protect the District against accidental losses which, in the aggregate, during any financial period, would significantly affect personnel, property, the budget, or the ability of the District to fulfill its responsibilities to its customers, employees, taxpayers, and the public.~~

B. The District staff shall implement a comprehensive risk management process, which includes:

1. **Risk Identification:** Proactively identifying risks and hazards associated with the District's operations, facilities, and services.

2. **Risk Evaluation:** Evaluating identified risks based on their potential impact and likelihood of occurrence.

3. **Loss Control:** Establishing measures to prevent or mitigate the frequency and severity of losses.

4. **Safety Program:** Developing and maintaining a comprehensive safety program that includes safety protocols, employee training, audits, and promoting a culture of safety.

5. **Emergency Response Plan:** Creating an emergency response plan to ensure the preparedness of employees for disruptions, the protection of public health, and the remediation of critical services.

~~b. District staff is directed to implement a risk management process which shall include: systematic risk identification; risk and hazard evaluation; safety, training and loss control activities; claims processing; and program monitoring.~~

C. All employees are required to:

1. Promptly report any accidents, claims, or injuries to their supervisors.

2. Cooperate with investigations into any accidents, incidents, or injuries.

3. Adhere to all safety rules and procedures.

4. Properly use all safety equipment and devices.

~~1.~~5. Participate regularly in safety training and help foster a culture of safety within the District.

~~c. All employees shall promptly report all accidents, claims and injuries; when requested, cooperate and assist the District in investigating all accidents and injuries; be aware of all department safety rules and procedures; properly use all safety equipment and devices; and be safety conscious.~~

~~d. Staff shall prepare a budget recommendation to the Board to fund selected methods and procedures for reducing the identified risks and to implement safety training activities. At least annually, the General Manager shall prepare a report to the Board summarizing the losses incurred by the District, their causes, and risk and loss prevention activities implemented by the District.~~

12.5 CONTROLS

A. Allowable Investments.
Any investment of District funds must be consistent with the Utah Money Management Act. ~~Credit Ratings for the purchase of any security must have a minimum of single A- or its equivalent or better by two or more public rating agencies at the time of purchase. Short term credit ratings for commercial paper must be top tier A1/P1/F1 by two of the three credit rating agencies at the time of purchase.~~

B. Guidelines for Deposits with Financial Institutions.
The maximum unsecured deposits invested with any one Utah b~~B~~ank shall comply with the limits set by the Utah Money Management Act.~~be limited to 5% of that bank's capital and deposit base.~~

13.4 RECORDS OFFICER

The ~~District's records manager shall be considered~~General Manager shall designate a ~~its~~ Records Officer for all purposes under GRAMA and this policy.

13.5 REQUESTS FOR RECORDS

A request for a record shall be requested in writing and directed to the District's Records Officer at P.O. Box 18579, Taylorsville, UT 84118, or via email at company@tbid.gov.~~.~~

15.2 CAPITAL ASSETS

A. Capital assets include property, buildings, equipment, wells and well houses, pumps and piping, main line water and sewer lines, water meters, fire hydrants, manholes and all appurtenant structures.

B. Capital assets are defined by the District as assets with an initial, individual cost of more than ~~$1,000.00~~ $5,000 and an estimated useful life in excess of two years.

PASSED, APPROVED AND ADOPTED this 2nd day of October, 2024.

Don Russell

Don Russell, Board Chair

Mark Chalk, District Clerk

Resolution of the Board of Trustees

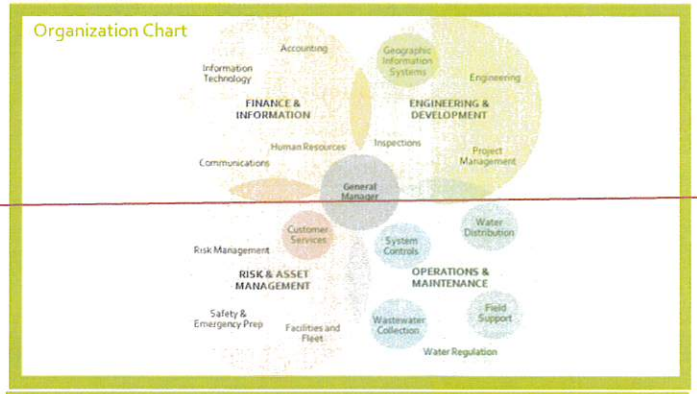
RESOLUTION # 24-12

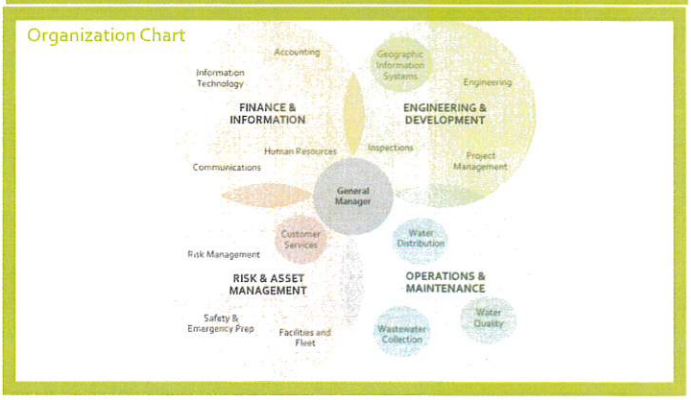
EMPLOYEE HANDBOOK AMENDMENT

IT IS HEREBY RESOLVED by the Board to amend the current Employee handbook as follows:

2 ONBOARDING

2.5 ORGANIZATION CHART





PASSED, APPROVED AND ADOPTED this 2nd day of October, 2024.

Don Russell

Don Russell, Board Chair

Mark Chalk, District Clerk