



Regular Meeting Board of Commissioners
Thursday, September 15, 2022 - 3:30PM
In Person and Via Teams
Pre-Agenda

1. Call to Order
2. Attendance
3. Public Comment
4. [Approval of Regular Meeting Minutes from August 18, 2022](#)
5. [Finance Manager's Report \(August 2022\)](#)
 - a. [Board Approval of Payables](#)
6. 2023 Budget Update
7. General Manager's Report
8. [Operations Manager's Report](#)
9. [Engineering Manager's Report](#)
 - a. [Abitibi Well Evaluation Update](#)
10. [Office Manager's Report](#)
11. [Information Technology Manager's Report](#)
12. Other Business
 - a. Acknowledgment of Employee Wages Increases -
 - A. Dickens \$0.67
 - b. Approval to use electronic signatures
 - c. Budget Workshop - October 11, 2022, 8:30 AM - 12:00 PM
 - d. Commissioner Barton WASWD update
13. Public Comment
14. Adjourn



**LAKESWOOD WATER DISTRICT
BOARD OF COMMISSIONERS
Minutes of Regular Meeting
August 18, 2022
Boardroom & Via Microsoft Teams**

1. CALL MEETING TO ORDER

Vice President Rediske called the Regular Meeting to order at 3:30 PM.

2. ATTENDANCE

Present at the meeting: Commissioners G. Rediske, and G. Barton; General Manager R. Black, Operations Manager I. Black, Finance Manager P. Mendoza, IT Manager C. Fast, Administrative Assistant J. Clark.

Commissioner Rediske excused Commissioner Korsmo's absence from the meeting.

3. PUBLIC COMMENT

None.

4. APPROVAL OF MEETING MINUTES FROM 7/21/22 REGULAR MEETING.

COMMISSIONER BARTON MOVED TO APPROVE THE JULY 21, 2022, REGULAR MEETING, SECOND BY COMMISSIONER REDISKE. MOTION PASSED UNANIMOUSLY.

5. FINANCIAL INFORMATION

Philip Mendoza, Finance Manager, presented the July 2022 financials to the Board. He shared that retail sales in July 2022 were 32.22% lower than budgeted and 13.89% lower YTD. Retail consumption is lower by 29.8% in July 2022 vs. July 2021 (23.5M CF vs. 33.4M CF). The total sale of water is 23.68% lower than budgeted and 8.58% lower than budgeted YTD. Current Wholesale 10.74% higher than budgeted and 1.58% lower than budgeted YTD. The new rate for Summit is 1.8 MGD vs. 1.5 MGD scheduled, Firgrove 1.3 MGD vs. 2 MGD scheduled, and Washington Water 1.7 MGD vs. 1.5 MDG scheduled. Operating revenue is 12.99% lower than budgeted and 5.17% lower YTD. Pumping operations is 11.86% lower than budget and 6.74% under budget YTD; is directly correlated to the retail sales. Water Treatment operations are 26.62% under budget and 29.99% under budget YTD. Transmission and Distribution operations are 1.12% over budget and 9.18% under budget YTD. Total operating expense is 6.36% over budget and 3.49% under budget YTD. Pumping maintenance is 2.34% over budget and 15.91% under budget YTD. Water Treatment Maintenance 62.39% under budget and 19.40% under budget YTD. Transmission and Distribution Maintenance is 16.63% over budget and 17.78% under budget YTD. Total Operating and Maintenance Expense is 3.55% over budget and 4.14% under budget YTD. Net Operating Revenue is 44% under budget and 8.43% under budget YTD. Net Income 64.71% under budget and 23.83% YTD ahead of the budget.

a. Approval of Payables

Disbursements made from the General Ledger Fund for checks numbers 46402 through 46520 totaling \$1,513,610.67, salary direct deposits totaling \$186,243.44, payroll taxes totaling \$69,215.26, and other electronic payments totaling \$357,360.52 for a total of \$2,144,429.89 were presented to the Board for approval.

COMMISSIONER BARTON MOVED TO APPROVE THE PAYABLES AS LISTED. COMMISSIONER REDISKE SECOND THE MOTION. MOTION PASSED UNANIMOUSLY.

6. 2023 BUDGET UPDATE

General Manager shared that the 2023 budget will be a challenging year for us due to the cost of inflation, we will be looking at the various projects the District has committed to do in 2023 and looking for different grant funding sources to help fund the projects.

General Manager Black would like to request due to the timing of when agencies notify recipients (November/December) they were selected to receive the grants to have the option of pushing the approval of the budget into early 2023 if needed.

The Commissioners agreed that was fine and to keep them updated on the progress. The Commissioner budget workshop will be on October 11, 2022, at 8:30 AM.

7. WHOLESALE WATER MAIN DEDICATION CELEBRATION

Progress continues to move forward on the Wholesale Water Main dedication scheduled for Thursday, October 6, 2022, at 6:00 PM. We have had ten firms donate over \$5,000 monetarily or in kind to help offset the event cost.

General Manager Black requested approval from the Board to approve \$3,500 for the cost of renting the facility, awards, and incidentals for the event. Commissioner Rediske and Commissioner Barton both agreed to the \$3,500 request.

8. GENERAL MANAGERS REPORT

Randall Black, General Manager, provided the following updates:

Woodland Estates

The District received 10 out of the 12 contracts for the Woodland Estates water main installation. We believe we are close to an agreement with one property owner and the last one; the other owner has questioned the District legal right require individual meters for each property. We believe that once he receives a letter from our attorney on the legal standing regarding the District's requirement that each property owner must have their own meter, we will be able to move forward as well. The property owner has until August 22, 2022, to respond to the letter before we move forward with other steps. If he does not want to proceed forward, we will need to start with condemnation proceedings to access the easement.

Abitibi Update

Proposals have been sent out to a limited number of firms through the District's small works process to solicit bids for the evaluation of two groundwater wells. The list of well drilling contractors has been approved by Burt Clothier, Geologist from Mott MacDonald that he has worked with in the past.

There will be a pre-bid meeting at the site at 10:00 AM on Friday, August 19, 2022. The proposals will be reviewed on September 1, 2022.

Spanaway Water

Operations Manager I. Black will provide the update on Spanaway Water during his updates.

No Tenant Sign Up

Please see the attached report from Ms. MacDougall regarding the update with the No Tenant Sign Up.

8. OPERATIONS REPORT

Ian Black, Operations Manager, shared that Ceccanti is still waiting for the final supplies to come in for the Spanaway Wholesale Main; they should be here by October 3, 2022. Ceccanti contract has a deadline of December 31, 2022, so we can start supplying 2 mgd to Spanaway Water on January 1, 2023.

While the project was in the Pierce County permit department, Pierce County changed some of the project's requirements to requiring the project include nightwork due to less traffic on Brookdale in the evening. Pierce County did not let us know before the bid went out. Requiring night work was not a condition of the bid, so there will be an immediate change order once the project starts for the nightwork pay differential and additional traffic controls.

- a. Board Approval of contactor for the Naomilawn, Newgrove, Highland Water Main Replacement Project #719

COMMISSIONER BARTON MOTIONED TO APPROVE PAPE & SONS AS CONTRACTOR IN THE AMOUNT OF \$1,111,111.10 FOR THE NAOMILAWN, NEW GROVE, HIGHLAND WATER MAIN REPLACEMENT PROJECT #719. SECOND BY COMMISSIONER REDISKE. MOTIONED PASSED UNANIMOUSLY.

- b. Board Approval of contactor for the Lake Steilacoom Drive Phase 2 Water Main Replacement Program, Job #799.

COMMISSIONER BARTON MOTIONED TO APPROVE HCON AS CONTRACTOR IN THE AMOUNT OF \$976,833.00 FOR THE LAKE STEILACOOM DRIVE PHASE 2 WATER MAIN REPLACEMENT PROGRAM, JOB #799. SECOND BY COMMISSIONER REDISKE. MOTIONED PASSED UNANIMOUSLY.

The Steel Building Project #0806 should be done by the end of September. The electrician should be out next week, and the garage doors should be in by the first week of September which is significantly quicker than anticipated.

9. ENGINEERING MANAGER'S REPORT

Marshall Meyer, Engineering Manager, was not at the meeting; please see his report.

10. OFFICE MANAGER'S REPORT

Please see attached report regarding the No Tenant Sign Up responses.

11. INFORMATION TECHNOLOGY MANGER'S REPORT

Cyber Security

Christian Fast, IT Manager, shared there are no Cyber Security Issues to report. The District does a monthly "All Penetration Testing" on the network systems and all remote sites that have conductivity to ensure no one can break through the firewall and identify any known exploits. Over the past year, we haven't had any findings. Having no findings can help keep insurance rate costs down by approximately 5% savings.

The July Spam testing campaign resulted in only one employee clicking on the test link. The employee was required to complete additional Cyber Security training. Once a month, Mr. Fast sends out a fake spam email to test how much staff is paying attention and being proactive by not clicking on spam. If someone clicks on the link, they will be required to take cyber training. If you do not do the training within 15 days, you will be locked out of the system. Many staff are afraid to click on anything, which is a good thing; the best first line of defense against cyber security is human security.

All operations networks are patched up to date and report no suspicious activity (pump sites, wells, anything attached to SCADA.) Mr. Fast reviews the reports weekly just in case he doesn't receive a notice of activity.

All production devices and networks are patched up to date and reporting no suspicious activity. No user accounts have been flagged for suspicious activity & no malware has been detected on District equipment.

ElementsXS

The ElementsXS Asset Management installation and conversion is winding down. We are working on the PM (Preventative Maintenance) migration for the pumping department and will then start focusing on the Caselle Integration. District inspectors have begun using Elements for their inspection work orders, and field staff has been trained on fleet work orders. Mr. Fast would like to give a big shout-out to the field staff who have embraced this migration and invested the effort required to make it successful. The staff is looking forward to the granular level of reporting from the ElementsXS system that has not been available from other past programs.

5G Data to Remote Sites

Most of our sites were on DSL, which is a challenge to connect and work with Century Link. In May 2022, the District began testing Cradlepoint 5G modems to provide data connections to remote sites. Initially, this was undertaken with the intent of using these devices to provide redundant or emergency service in the event of a land-based service failure. The initial testing far exceeded our performance expectations. The cost for this solution is \$29 per month per line, and when compared to DSL (\$89 per month) or Cable (\$113 per month), that is a notable difference. By the end of summer, we will have migrated all of the DSL sites to 5G, and any small to medium sites requiring new data services will have the 5G solution.

Remote Site Security

New security cameras and access control systems have been installed at the Hemlock, 112th, and Scotts sites. Additionally, a premise intrusion detection system has been

installed at the Scotts site and will go online before the end of the month. These updates keep us on track to becoming AWIA compliant at all our sites.

Cell Tower Update

The District has come to a contract agreement with Dish Networks on the former Sprint locations at the Steilacoom, Washington, and Grant Avenue sites. Mr. Fast expects the final contracts back from Inslee Best within the next week. Dish Network has shared a strong interest in the Oakbrook site as well.

12. Other Business:

- a. The Board acknowledged the wage increase this month.
- b. General Manager Black shared a developer paid \$200,000 for their performance bond directly to the District instead of getting a Performance Bond from a bonding company. The developer may choose to have the District keep the 15% Maintenance Bond and deduct it from their Performance Bond. We would then issue the difference, or we would reimburse the entire amount if they purchased a maintenance bond from a bond company.
- c. AWWA Membership is a valuable tool for the Commissioners to keep them informed on everything that is happening in the water community (locally & nationally). Commissioners see the value in having the membership and all agreed to sign up for the AWWA Membership.
- d. Commissioner Barton provided a brief update on the WASWD Legislative Committee. The proposed 2023 Legislative agenda will be shared at the WASWD Fall Conference.

Topics include:

- **Public Works Trust Fund (PWTF)**- Ensuring the PWTF is properly funded; the Education Legacy Fund is sunsetting in 2023.
- **In-House Public Works** - projects for special districts are up to \$50k, and cities have up to \$150k; it would be good if special districts could also have up to \$150k to do in-house projects due to keep the cost of projects down due to the cost of inflation, getting contractors, etc. General Manager Black shared that WASWD has asked districts to share projects that \$50k would not be enough. Operations Manager I, Black is putting together projects and will share them with Judi at WASWD this week.
- **Reclaimed Water** - assure that impacts from the development of reclaimed water on water providers and their customers are fully addressed.
- **Lead in school drinking water** – maintain school responsibility for drinking water quality beyond the meter.
- **2020 Fluoride bill** - monitoring this possibly resurfacing bill.
- **Utility Tax** - Some board members will work together to gather information on how Utility taxes originated and the whole background to get the complete picture.
- **Funding Cybersecurity** – determine if there may be a legislative initiative to secure funding assistance.
- **Local program funding** – the State Treasurer’s office offers a funding source to cities for specific capital investments that is currently not available

to districts. WASWD will explore the obstacles and remedies such that districts can take advantage of those funds.

e. Our next Commissioner’s meeting will be on September 15, 2022, at 3:30 PM.

12. PUBLIC COMMENT

None.

13. ADJOURN

President Rediske adjourned the meeting at 4:28 PM.

**LAKEWOOD WATER DISTRICT
BOARD OF COMMISSIONERS**

BY:

Not Present

ITS PRESIDENT

BY:

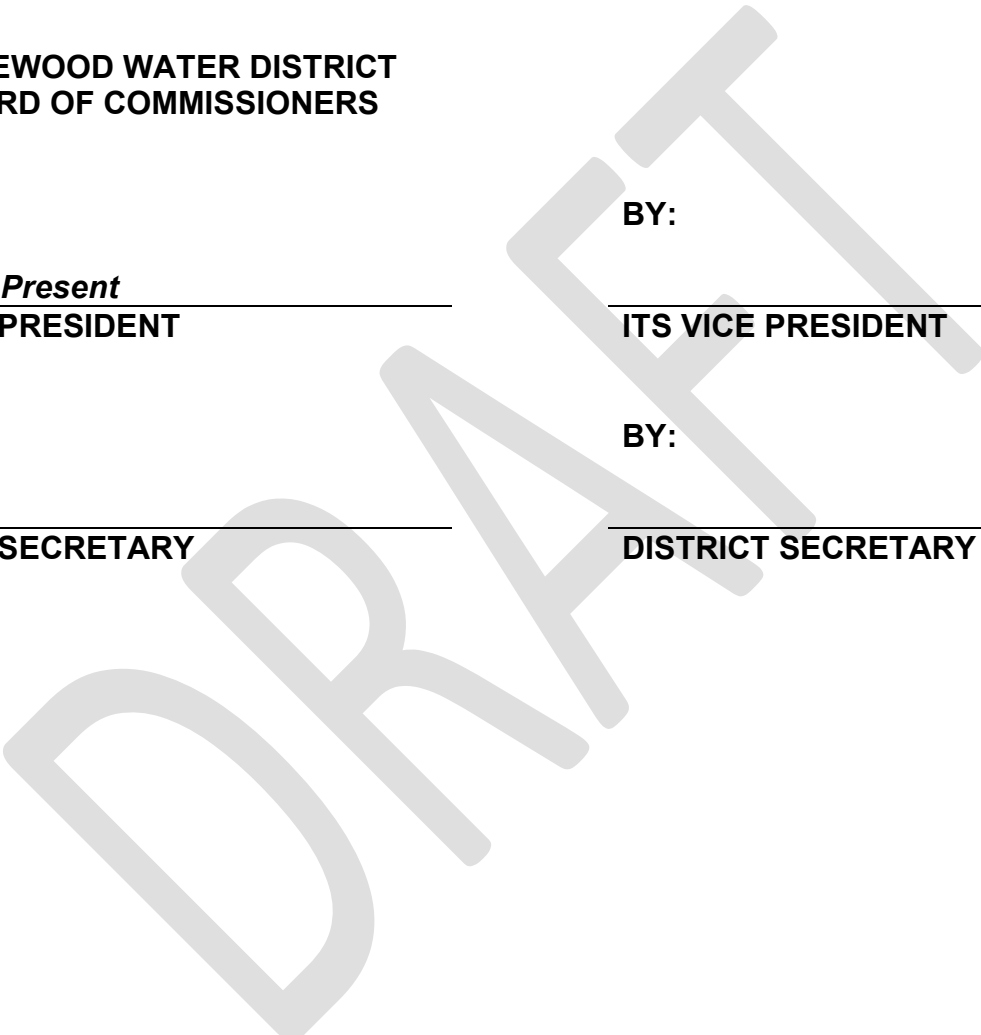
ITS VICE PRESIDENT

BY:

ITS SECRETARY

BY:

DISTRICT SECRETARY (DATE)



**LAKWOOD WATER DISTRICT
2022
INCOME STATEMENT**

AUGUST	CUR MO ACTUAL	CUR MO BUDGET	CUR MO VARIANCE	Y-T-D ACTUAL	Y-T-D BUDGET	Y-T-D VARIANCE
SALE OF WATER	1,220,433	1,462,152	(241,719)	5,929,568	6,613,073	(683,505)
OTHER OPERATING REVENUE	165,013	153,377	11,636	817,767	757,361	60,406
WHOLESALE WATER SALES	419,401	380,306	39,095	3,039,572	3,042,451	(2,879)
TOTAL OPERATING REVENUE	1,804,847	1,995,836	(190,988)	9,786,907	10,412,885	(625,978)
OPERATING EXPENSE						
PUMPING	80,343	114,649	(34,305)	709,721	786,194	(76,472)
WATER TREATMENT	29,901	40,247	(10,345)	235,063	321,973	(86,909)
TRANSMISSION & DISTRIBUTION	52,859	90,084	(37,225)	635,904	720,669	(84,765)
CUSTOMER ACCOUNTS	60,420	71,742	(11,322)	533,775	573,938	(40,163)
CUSTOMER INFORMATION	(3,435)	1,612	(5,047)	(2,518)	12,898	(15,416)
ADMINISTRATIVE & GENERAL	188,007	178,611	9,397	1,576,548	1,460,885	115,663
TOTAL OPERATING EXPENSE	408,096	496,944	(88,848)	3,688,493	3,876,556	(188,063)
MAINTENANCE EXPENSE						
SOURCE OF SUPPLY	2,186	2,299	(113)	18,291	18,392	(101)
PUMPING	21,141	21,542	(401)	147,943	172,339	(24,397)
WATER TREATMENT	9,959	16,989	(7,030)	105,814	135,914	(30,100)
TRANSMISSION & DISTRIBUTION	71,130	103,311	(32,182)	665,704	826,492	(160,788)
ADMINISTRATIVE & GENERAL	21,392	24,545	(3,152)	232,709	196,356	36,353
SUB-TOTAL	125,807	168,687	(42,879)	1,170,461	1,349,493	(179,032)
DEPRECIATION EXPENSE	226,083	226,083	(0)	1,808,664	1,808,667	(3)
UTILITY EXCISE TAXES	41,476	40,894	582	283,092	292,948	(9,856)
TOTAL MAINTENANCE EXPENSE	393,366	435,664	(42,298)	3,262,217	3,451,107	(188,891)
TOTAL OPERATING & MAINT EXPENSE	801,462	932,608	(131,146)	6,950,709	7,327,663	(376,954)
NET OPERATING REVENUE	1,003,385	1,063,227	(59,842)	2,836,198	3,085,222	(249,024)
GAIN (LOSS) ON DISP. OF PROPERTY	-	-	-	1,236	-	1,236
RENTAL OR LEASE INCOME	925	1,087	(162)	5,545	8,693	(3,148)
INTEREST INCOME	21,629	900	20,729	62,983	9,000	53,983
MISC NON-OPERATING INCOME	8,577	-	8,577	345,084	-	345,084
INTEREST L-T DEBT	(183,627)	(184,104)	477	(1,473,554)	(1,472,829)	(725)
DEBT ISSUANCE COSTS	-	-	-	-	-	-
CARES GRANT FUNDING	-	-	-	(17,868)	-	(17,868)
TOTAL MISC INCOME/EXPENSE	(152,496)	(182,117)	29,621	(1,076,576)	(1,455,136)	378,560
NET INCOME	850,889	881,110	(30,221)	1,759,622	1,630,086	129,536

We, the undersigned Board of Commissioners of the Lakewood Water District
Pierce County, Washington, do hereby certify that the merchandise or services
hereinafter specified have been received and checks numbering 46521 through
46658 and all electronic payments for this period are hereby approved for payment in the sum of
\$1,839,090 this 15th day of September 2022.

Commissioner Korsmo

Commissioner Rediske

Commissioner Barton

General Manager

Check no.	Vendor Name	Payment Description	Amount
46521	American Landscape Svc, LLC	July 22 - Landscaping Svc	6,594.50
46522	Barrett Development	New Svc Reimbursement - 8716 104th	5,121.00
46523	Berschauer Construction Inc	Pay App #4 - Steel Building - Office Yd	72,110.22
46524	Caselle	09/22 Contract Support and Maint	3,547.50
46525	Ceccanti Inc	Pay App #3 - Halcyon to Pac Hwy - 39th Ave Ph 4	7,293.37
46526	Centurylink	Utility Svc - 1 Site	85.99
46527	Christian Fast	Reimburse - (3) New Desk Phones	734.28
46528	Cintas Corporation	Weekly Svcs - 8/3/22	191.87
46529	Construction Testing Labs	07/22 - Office Yard Bldg	706.00
46530	Fastenal Company	(10) Spring Hooks	44.00
46531	Ferguson Waterworks	Inventory - Hydrant Adapter	3,257.20
46532	Guardian Security Group Inc	Key Fobs - Trk# 34 & Trk# 44	517.00
46533	Holroyd Co Inc	Gravel - Maintenance of Mains	1,254.00
46534	Lowes Companies Inc	Ext Cord - Fittings - Cooler - Wall Shelving	1,312.67
46535	Miles Resources LLC	(7) Tons Cold Mix - Maint	794.22
46536	Murraysmith Inc	Eng Svcs - Scotts G-3 - Well Treatment Design	2,230.20
46537	Ogden Murphy Wallace, PLLC	06/22 Triangle Pump & Equipment - Advisory	1,652.40
46538	Pacific Groundwater Group	06/22 - Well Rehab Project - R-2 - S-2 & Abitibi	5,306.25
46539	Pierce County Sewer	Utility Svcs - 2 Sites	44.12
46540	Pro Call Center	07/22 - On-Call Svcs	410.55
46541	Rainier Supply	500 Each 12/14 Gauge Wire - (30) 40 Watt Bulbs	1,033.67
46542	Rotary Club Of Clover Park	2022-2033 Annual Dues	155.00
46543	S&B Inc	Replaced Flow Meters K-1, H-1, & R-1 & A-3 SCADA	4,426.10
46544	Seattle Ace LLC	Repair View Rd CL2 Line - Wall Plate - Supershock	56.93
46545	T Bailey	Pay# 6, # 7, & # 8 - Steilacoom Seismic (May-July)	535,172.63
46546	Tidflex Technologies	(2) 6 Inch Tide Flex Vlvs - (1) 8 Inch Tide Flex Vlv	3,549.39
46547	Utilities Underground	07/22 Locates	399.90
46548	Water Management Labs Inc	(3) Nitrate Nitrogen (20) Total Coliform	563.00
46549	West Pierce Fire & Rescue	2022 Fire Protection Contract	12,251.23
46550	Williams Oil Filter Service	Hydraulic Line for Backhoe	68.94
46551	Airgas USA LLC	(2) Acetylene Rentals	23.87
46552	Associated Petroleum Products	(510) Gals Unleaded Fuel	2,300.49
46553	Backflows Northwest	06/22 (42) & 07/22 (56) Backflow Tests	2,450.00
46554	Capital Heating And Cooling	HVAC Quarterly Svc Agreement	1,484.18
46555	Caselle	New A/R Software - Set up & Training	1,150.00
46556	Centurylink	Internet Svc - 1 Site	110.98
46557	Cintas Corporation	Weekly Svcs - 8/10/22	191.87
46558	City of Lakewood	Pay# 8 - R&R - Gravelly Lk Dr - Wash - Nyanza	46,882.00
46559	Daily Journal Of Commerce	Legal Ad - Naomilawn - Newgrove - Highland Ave	1,065.30
46560	Department Of Revenue	Stafford Excavating - Sylvan Pk - Taxes/Retainage	32,697.99
46561	Fastenal Company	(120) Cans Blue Spray Paint (200) Towelettes	2,932.59
46562	Ferguson Waterworks	Sensus Analytics Annual Fee (81) 1-P & 2-P Pit Lids	65,251.89
46563	Grainger Inc	(4) Extractor Screws - Braided Tubing - Male Adptrs	2,344.22
46564	Guardian Security Systems	Hemlock & 112th St Install - 07/22 Cloud Storage	46,157.63
46565	Harold Lemay Enterprises Inc	07/22 - Waste Disposal, Recycling Bin, & Shredding	734.97
46566	Lakewood Hardware & Paint	Ponders Eagle Eye - (1) Ballast - Repair Stihl Saw	132.09
46567	Legacy Tapping	12x4 Hot Tap & Svc - Job# 820	4,174.50
46568	McClains Soil Supply	(1) Dump Fee - Multiple Loads	40.00
46569	Miles Resources LLC	(4.25) Tons Cold Mix - Mains Maint	492.04
46570	Multicare Centers Of Occup Medicine	(1) DOT Exam	119.00
46571	Neely Construction	Hydrant Meter Deposit - Refund	85.00
46572	Pierce County Finance Dept.	07/22 ROW Permit Fee - WTME	2,100.00
46573	PSI Inc	Soil Test - 9401 Judson St SW	360.00
46574	Rainier Supply	(1,000) Ft PVC Cable - (1) Electrical Enclosure	1,027.75
46575	S&B Inc	CL2 Residual Added to SCADA 112th St & Lake St	1,969.00
46576	Seattle Ace LLC	(1) Drill bit Set (2) Key Fobs - Shop Towels	160.02
46577	Stronghold Armored Inc	07/22 - Armored Truck Svcs	375.00
46578	Thomas M Pors, Law Offices Of	Jun & Jul 2022 Abitibi Water Rights & Misc Svcs	4,935.00
46579	Water Management Labs Inc	(34) Total Coliform PA-3 (2) CPRG (1) MMO-MUG	777.00

46580	Whitney Equipment Company Inc	Replaced Pump & Seals WHS Booster #1	22,585.72
46581	Lakewood Water Dist	Payroll Benefits (08/19/22)	310.00
46582	Michael G Malaier, Trustee	Payroll Benefits (08/19/22)	825.00
46583	WA State Support Registry	Payroll Benefits (08/19/22)	195.50
46584	Associated Petroleum Products	(310) Gals Unleaded Fuel (110) Gals Diesel Fuel	1,781.50
46585	Bosma, Samuel	Uniform Reimbursement	229.73
46586	Cintas Corporation	Weekly Svcs - (08/17/22)	140.17
46587	Construction Testing Labs	Steel Bldg - High Strength Bolt Inspection	325.50
46588	Core & Main (HD Supply)	(6) 2 Inch Angle Meter Check Valves	2,319.35
46589	Day Wireless Systems	Troubleshoot Base Station Communication	374.00
46590	Ferguson Enterprises LLC	(2) 2 1/2 x 1 1/2 Aluminum Rigid Adapters	83.49
46591	Grainger Inc	(2) Pipe Wrenches - I-Beam Serrated 24 Inch	336.29
46592	Guardian Security Systems	Grav Lk Dr - Annex - & View Rd Connection Chgs	165.00
46593	Hach Company Inc	(1) pH Buffer & Absorbic Acid Solution Kit	171.25
46594	Holroyd Co Inc	(20) Yards Crushed Rock - Mains Maint	627.00
46595	Jordan Daulbaugh	Uniform Reimbursement	27.48
46596	Lakewood Ford	Trk# 54 Oil Drain Plug - Trk# 30 Axle Wheel Hubs	2,558.30
46597	Marten Law	07/22 PFAS Contamination Svcs	22,080.30
46598	National Barricade Co LLC	(8) Assorted Road Signs - Rd Clsd, Detour, 1 Lane Rd	1,560.90
46599	Pape Machinery	Backhoe Maint - O-Rings & Hoses	2,284.07
46600	Pierce County Auditor	Release of Liens - 9616 Grav Lk Dr & 10024 100th St	36.00
46601	Rainier Supply	(3) 2-26 Watt Fluorscent Ballasts	95.70
46602	Rosemount Inc	(4) Chlorine Sensors	4,663.48
46603	S&B Inc	(1) Pressure Transducer D-2 Well	1,346.71
46604	Tveten's Auto Tech	Trk# 27 Recharge AC & Replace Ignition Switch	570.14
46605	Verizon Wireless	07/22 SCADA Data Chgs	1,009.06
46606	Water Management Labs Inc	(19) Total Coliform PA-3 (2) Quanti-Trays (3) MMO	526.00
46607	Pierce County Auditor	Woodland Estates - Gopsha - 2610 92nd St SW	626.50
46608	Pierce County Auditor	Woodland Estates - Alt - 2612 92nd St SW	626.50
46609	Pierce County Auditor	Woodland Estates - Chapman - 2614 92nd St SW	626.50
46610	Pierce County Auditor	Woodland Estates - Hutchings - 2616 92nd St SW	626.50
46611	Pierce County Auditor	Woodland Estates - Price Jr - 2626 92nd St SW	626.50
46612	Pierce County Auditor	Woodland Estates - Supnet - 2606 92nd St SW	626.50
46613	Pierce County Auditor	Woodland Estates - Trang - 2604 92nd St SW	626.50
46614	Pierce County Auditor	Woodland Estates - Kelly - 2624 92nd St SW	626.50
46615	Pierce County Auditor	Woodland Estates - Carcano - 2620 92nd St SW	626.50
46616	Pierce County Auditor	Woodland Estates - Benz - 2622 92nd St SW	417.00
46617	Check Void	Paid Via Credit Card	-
46618	Pierce County Auditor	Woodland Estates - Gopsha - Additi'l Easement	201.50
46619	Pierce County Auditor	Woodland Estates - Alt - Additi'l Easement	201.50
46620	Check Void	Paid Via Credit Card	-
46621	Pierce County Auditor	Woodland Estates - Hutchings - Additi'l Easement	201.50
46622	Pierce County Auditor	Woodland Estates - Price Jr - Additi'l Easement	201.50
46623	Pierce County Auditor	Woodland Estates - Supnet - Additi'l Easement	201.50
46624	Pierce County Auditor	Woodland Estates - Trang - Additi'l Easement	201.50
46625	Pierce County Auditor	Woodland Estates - Kelly - Additi'l Easement	201.50
46626	Pierce County Auditor	Woodland Estates - Carcano - Additi'l Easement	201.50
46627	Pierce County Auditor	Woodland Estates - Benz - Additi'l Easement	205.50
46628	Pierce County Auditor	Woodland Estates - Chapman - Additi'l Easement	201.50
46629	Check Void	Check Misprint	-
46630	Check Void	Check Misprint	-
46631	Michael G Malaier, Trustee	Payroll Benefits (08/25/22)	825.00
46632	WA State Support Registry	Payroll Benefits (08/25/22)	195.50
46633	American Landscape Svc, LLC	Aug 2022 Landscaping Svcs	7,419.50
46634	AWWA	Annual Membership Renewals - RB,IB,DS,TM,CB,BG	4,253.00
46635	Centurylink	Utility Svcs - 8 Sites	700.70
46636	Cintas Corporation	Weekly Svcs - (08/24/22)	140.17
46637	Custom Coating Consult	Project Inspection Fees - Steilacoom Job# 788	5,027.04
46638	Eurofins Eaton Analytical	07/22 PFAS Sampling	6,600.00
46639	Fastenal Company	(2) 3 Count Band Saw Blades (30) Safety Vests	757.66
46640	Grainger Inc	(1) Solenoid Valve Coil - (2) Trash Grabbers	188.26
46641	HCON Inc	Pay#3 R&R - 112th St SW - Pacific Hwy	84,927.69
46642	Jordan Daulbaugh	Uniform Reimbursement	47.01
46643	K and D Services	Flagging Svcs - Idlewild/107th St - 112th St/Farwest	2,514.00
46644	Kennedy/Jenks Consulting	07/22 Eng Svs - Scotts PFAS Treatment	14,150.80
46645	Murraysmith Inc	07/22 R&R - Lk Steilacoom Dr Ph#2	10,528.50
46646	Napa Auto Parts	(2) GoJo Hand Cleaners - (4) U-Bolt Exhaust Clamps	62.46
46647	Northwest Fasteners Inc	(3) Boxes XL Gloves - (3) Boxes LG Gloves	218.94
46648	Ogden Murphy Wallace, PLLC	07/22 Spanaway Extension Project	1,193.40
46649	Open Works	June & August 2022 Janitorial Svcs	3,495.02
46650	Pacific Groundwater Group	07/22 WHPP Update Svcs	3,852.50
46651	Promark	(15) Bucket Style Hats - Field Staff	330.00
46652	Rainier Supply	(3) 3 Lamp Ballasts - (100) PVC Conduit Cplgs	641.12
46653	Rainier Welding Supplies	(1) Each Viking Hood/Pliers/Cheater Lens	158.51
46654	Rosemount Inc	(6) pH Sensors	2,549.28

46655	Town of Steilacoom	08/22 View Rd - Sewer & Electric	2,344.79
46656	USA Bluebook	(2) PVC Injection Quills	306.19
46657	WA Assoc of Sewer & Water	2022 Fall WASWD Conf Reg - RB, IB, MM, GB	1,802.25
46658	Water Management Labs Inc	(38) Coliform PA-3 (7) MMO-MUG (1) Nitrate Nitrogen	1,002.00

Sub-Total **1,124,941.94**

August Payroll **275,151.51**
August Payroll Taxes (PMT# 579, PMT# 587 and PMT# 595) **100,896.96**

Date	Other Electronic Payment	
08/04/22	PMT# 580 - WA Deferred Comp	3,502.75
08/04/22	PMT# 581 - WA PERS	22,616.27
08/04/22	PMT# 582 - Sir Speedy	1,485.42
08/12/22	PMT# 583 - RH2 Engineering	21,149.48
08/18/22	PMT# 584 - CEP Enterprises LLC	4,161.00
08/18/22	PMT# 585 - EmGovPower	500.00
08/18/22	PMT# 586 - Sir Speedy	9,047.52
08/19/22	PMT# 588 - Aflac	365.57
08/19/22	PMT# 589 - WA Deferred Comp	3,502.75
08/19/22	PMT# 590 - Delta Dental	3,832.35
08/19/22	PMT# 591 - Principal Insurance	2,801.93
08/19/22	PMT# 592 - Regence Medical Ins	54,603.08
08/19/22	PMT# 593 - WA PERS	21,475.44
08/25/22	PMT# 594 - Sir Speedy	1,812.46
09/02/22	PMT# 596 - WA Deferred Comp	3,502.75
09/02/22	PMT# 597 - WA PERS	21,272.07
09/01/22	PMT# 598 - RH2 Engineering	16,636.84
09/01/22	PMT# 599 - Sir Speedy	4,604.53

B&O Tax	41,476.03
US Bank CC (Less Power)	25,320.65
US Bank CC Power Costs	62,866.70
Paymentech/Merchant Fees (AUG)	8,225.04
Xpress Bill Pay Fee (AUG)	3,339.29

338,099.92

GRAND TOTAL

1,839,090.33



Operations Manager's Report
 August 18th, 2022
 Board of Commissioners Meeting

OPERATIONS

Work ORDERS & PM's

- 367 Billing/Office Field Service Orders
- 00 Field Service Orders
- 00 Fleet Service Orders
- 365 Total Service Orders

DELINQUENT ACCOUNTS – Debbie

Report not available this month

LOCATES- Debbie

- 356 Locate Requests Received
- 30 Requests were out of LWD Service Area
- 00 Locates were submitted by LWD
- 04 Cancelled Locates
- 322 Locates Completed
- 322 Total amounts owed

BACKFLOW- Shaun J.

Moved to Christian's Report

Right of Way Permit: 0

Water Availability Letters: 13

HOUSE REMODEL	7613 JADE DR SW	8/4/22	\$ 130.00				R/REMODEL
T/I - RETAIL SHOP	6111 LAKEWOOD TOWNE CTR STE F	8/11/22	\$ 130.00				C/REMODEL
ADDITION TO SFH	9707 KENWOOD DR SW	8/10/22	\$ 130.00				R/ADDITION
BEDNARCZYK ADDITION	8417 MORELAND AVE SW	8/10/22	\$ 130.00				C/REMODEL
HAYDEN REMODEL	5932 LAKE GROVE ST SW	8/15/22	\$ 130.00				C/REMODEL
PALERMO SHORT PLAT	6208 120TH ST SW	8/16/22	\$ 130.00				R/SHORT PLAT
REMODEL PATIO COVER	10514 101ST ST CT SW	8/30/22	\$ 130.00				R/REMODEL
LAKWOOD LIVE EDGE	4034 100TH ST SW	8/30/22	\$ 130.00				T/I REMODEL
PEDERSON RESIDENCE	11610 TERRY LK RD SW	8/31/22	\$ 130.00				R/REMODEL
OAKWOOD MANOR LR B4	8507 33RD AVE S	8/23/22	\$ 130.00				R/REMODEL
BEDROOM / BATH ADDITION	9109 WILDWOOD AVE SW	8/31/22	\$ 130.00				R/ADDITION
ADDITION/ 2 BED 2 BATH	537 LAKE LOUISE DR SW	8/30/22	\$ 130.00				R/ADDITION
6000 112TH ST SW	6000 112TH ST SW	8/31/22	\$ 130.00				R/NEW CONST

MAINTENANCE

Bobby Gaskin – Department Head

NEW SERVICES:

- 5 1"X 5/8" Connection @ 10601 & 12505 Idlewild Rd SW
- 2 1"x 5/8" Connection @ 10516 InterLaaken Dr SW
- 1 1" x 1" Connection @ 9428 Edgewood Ln SW

MAINS MAINTENANCE

None to report this month

JOBS

- Gravelly Lake Gardens Water main and fire hydrant extension.
- 40' – 8" DI water main
- 1 – Fire hydrant assembly
- 2- 2" x 2" Water Service Connection

SERVICE MAINTENANCE

- Repaired 2- broken 1" Corp Stop on 12" water main @ 10427 & 10429 Mt. Tacoma Dr SW
- Replaced 1" broken long side service line with complete new long side service @ 8503 Winona St SW
- Repaired service line leak @ 10806 %9th Ave SW

VALVE MAINT.

None to report this month

VALVE OPERATION CHECKS

None to report this month

HYDRANT MAINTENANCE

None to report this month

HYDRANT REPLACEMENT:

None to report this month.

METER MAINT.

None to report This month

Flushing Season:

Cancelled due to PFOS in Oakbrook

LEAK DETECTION REPAIR

2 weeks of Leak detection, no leaks found in the target area

GROUND MAINT.

None to report this month

CITY FRANCHISE PROJECTS

None to report this month

OPEN METER BOX CHECKS

24 for this month

TRAINING:

None to report this month

CAPITAL & R & R PROJECTS – Operations Manager Projects

Front Street / 96th Main Improvements: Job#: 781

Parametrix is currently designing this project, we don't anticipate building this project unless the City Project Runs long and we need something else to do. This project will most likely go out for bid in 2022. 2-3-21 This project is hovering at about 90% design, we have suspended the design at this point as this work will likely not occur until 2022, early in 2022 or late 2021 we will finish the design make any changes and put it out to add early in 2022. 3-1-21 Parametrix is still in a bit of w holding pattern waiting to finalize the designs for this project, but now we know we will be moving ahead with this in '22 we will get then to complete the 90% and then hold until later into November December to Bid the work for an early start in '22. 4-5-21 Parametrix has completed the design through 90% and we are looking to shelve it for the next several months and bid it right after the first of the year. This is one of the last projects that was on the old list of projects for improving flow to the Wholesale Transmission Main. We are engaged with Murray Smith to do some additional modeling to make sure nothing has changed and that we are still on track for the take schedule we have in place. The big potential change to this is the Spanaway Connection, if they choose to take the 2 million gallons a day that will accelerate our take schedule but over a decade and we will need to be able to produce consistently 7.5 million gallons a day and beyond. 6-9-21 This project is ready to go out to bid, we will refresh the frontend specs and put this out near the end of the year for Construction in early 2022. 10-6-21 This project has been put on hold until 2023 Modelling in house has contradicted with the timing of this project, so we are holding it off.

1-12-22 It looks like with the long lead time on materials etc. we will need to look at bidding this work in August or September of this year for construction in 2023. This may be the only way to get a full construction year in.

4-4-22 With Concurrence of the commissioners we will be putting this project out for bid in the August September time frame for construction in early 2022 we may have to move this to fit the City Projects we will know more in the coming weeks and months.

7-7-2022: This project is holding at 90% drawing, and we will be letting it out for bid in August or September, for construction next year. This is a significant project and is the last of the Pipe work required that we know of in aid to the wholesale Main. This too will be back to the old format of contractor supplied materials and installation with a flexible start date to accommodate the supply of materials.

9-7-2022 This project is in for City Permitting there was some confusion in pavement degradation and the fees for this project, so we have asked to meet with the city on that or to have them review this internally. Their initial permit fee was just under \$42,000.00 we reminded them of the agreement that we had with Paul Bucich and Paul corrected them as well, so we are waiting on the new fees to be calculated.



Scott well site GAC and Iron and Manganese Treatment # 757, # 758, and #778

1-11-22 work continues this project, December was a slow month with weather, and the holidays, Ceccanti requested the week between Christmas and New years of 2022, then several crew members tested positive for covid so not as much progress as we would have hoped, but I have faith that they will get back on track. The G-3 Building is up the CMU is in place the roof of the main building is up and should be weathered in this week. From that point placement of the Chlorine generators, Control panels, Scada gear, and electrifying everything. We have not seen a recent update to the schedule, but I would guess that in 2 Months G-3 will be complete. We are anticipating a major change order to this project this would include expanding the current G-1 building footprint and adding some additional storage and them migrating all the components in G-1 now to the new larger building walls. This will help with the space constraints in the current building, and we are designing this to fit with in the current Grant funding window. 2-02-22 The project continues, the G-3 Building has a roof, and should be weathers in shortly, the yard piping for the project was underway but hit a snafu with the pipe crew testing positive for Covid, we have agreed to give them and extension for this period of time the crew was unavailable. We have been working on additional work for the site, mainly reconstructing the G-1 building, and migrating the operational equipment over to the new structure which is proposed to be built over top of the existing completely encasing the old structure with a new metal building that can be expanded over G-2 at a later date, this project is in its final stage of design, and assuming we

have the funds remaining from the grants, we will move to the contractor for pricing and construction.

3-1-2022 Work continues to progress on this project, all but a small portion of the yard piping is in. We made a change to this section of pipe size and the materials are coming soon to complete this work. G-3 Building is closed in as of today. Our staff will deliver the RTU and Chlorine generator and the like tomorrow so that the electrician can start mounting these devices.

4-4-22 This project is continuing to inch closer to the final completion of the original contract work. We have a potential change order out for pricing on the G-1 Building. If this is priced accordingly and we can fit it in with the grant money we have we will rebuild one or both G-1 and G-2. We will be waiting a while for the Generator for the G-1 G-2 Buildings we ordered this on the 2nd of December 2021, and it is now scheduled to be delivered between Christmas 2022 and the end of January 2023.

5-4-2022 The Scotts project is operational at this point we are waiting for DOH approval and some final Bacteriological test to come in. We did add a significant change to the project with the G-1 Building reconstruction and that work will take place after the season peak demands are over.

6-6-2022: This facility is substantially complete per the original contract the only work remaining is the G-1 building rebuild and that will occur this fall after the peak season is over. The facility has been approved by DOH to go into the system, so we are up and running at this point. Ceccanti did a great job on this project.

7-7-2022: The Scotts well site project original scope has been completed and turned over to the Pumping Department Team. There is still a large change order to complete with the G-1 Building to be completed later this fall after the pumping busy season is over. So, no request for conditional acceptance until that work has been completed. We are prepared to draft a letter to their bonding company accepting the G-3 building and the GAC facility so as to free up their bonding while we wait for the season to slow down and start the G-1 Building.

8-8-2022: We are awaiting materials for this project there are submittals passing back and forth, but work will not commence until after the busy pumping season peak is over in mid-September. Permits are in place at this time as well.

9-7-2022 We have final approval of the building package, and we are picking color scheme as we speak. This will get the building coming and start the 15-week clock in order for us to erect the building. We are hoping that we can start around the first of the year and be completed by May.

Spanaway Spur Project – WTME connection # 777

1-11-22 TPU has not moved much over the holidays, but they did contact RH2 and said that they were on board with common use of the easement but that it still had to go through some review processes etc. We have engaged Cascade Right of Way at the recommendation of our attorney, they will be coordinating the Appraisals for the property, and notifications as we negotiate the easements. We are hoping that we can get the agreements in place over the next month or two, we will need to order materials for this well in advance as well so if we want to be delivering water by the first of the year in 2023, then working backwards we would need to have the materials on order no later than end of May. 2-02-2022 we continue to work with TPU and the other parties We are cautiously optimistic that we can get all of this in place soon and start the negotiations with the property owners, we have Cascade Right of Way working on this now they will secure the Appraisals necessary for both routes and work with the property owners in the negotiations. Once we get finalized plans, we have recently completed the review of the 60% drawings we can get out to the suppliers and get the materials coming for this project then once the agreements are in place put the installation out to bid. Materials remain the largest steppingstone moving forward, as they are likely 12-14 weeks out.

3-1-2022 Work continues between our legal team and Tacoma Public Utilities Legal department on the wording for the agreement. We have started the appraisal of the properties, and Cascade Right OF way has opened talks with the property owners that will be impacted by this project. Once the final design is in place, we will pre-order the materials, and use that delay to finish negotiations, and put the installation out to bid.

4-4-22 the materials supply contract was let out as of today, we are scheduled to open it on the 18th. WE did get Immediate Use and Possession on the 1st from superior court this means we can access and even construct at any time now; however, we have not negotiated the pricing yet, and by signing the order the property owners are now eligible for attorneys' fees if they take us to court over the price of the easements. Generally, this is still good news.

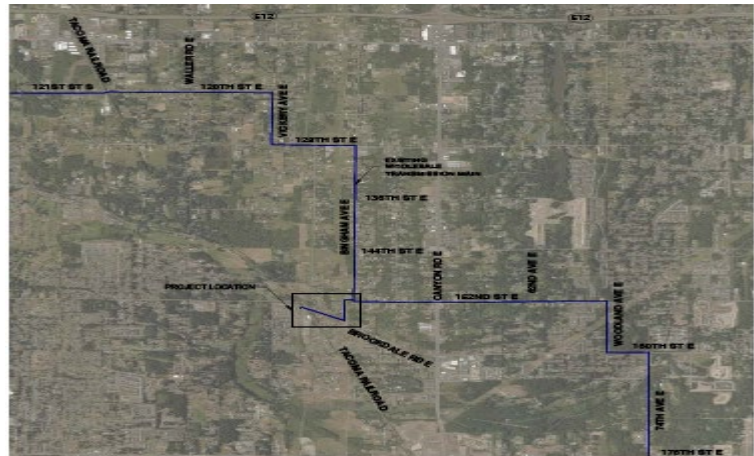
5-4-2022 The materials bid for supply has been let and awarded at a special meeting of the Board on 5/4/2022. The Materials bid has been awarded to Consolidated Supply Company. The Purchase order has been submitted, and they assured me that they would get the order in to the factory to hold our delivery date today. We are hoping that we can expediate the materials such that we can construct as early as possible and avoid the rains of fall and winter. We are particularly concerned about the work in Brookdale as that is the low spot for a considerable drainage basin.

6-6-2022: The materials contract has been let, and we are about to advertise the Construction part of the work. We are anticipating opening this bid on the 23rd. for approval on the 30th. We are anticipating the bulk of the materials to be on the ground in Mid-August, but the Ductile iron may take a bit longer. We are working with engineers to push on permitting etc. so that once we get the materials we can move to construction.

7-7-2022: This project is moving along; we have bid out the installation contract and Ceccanti got that work. We are anticipated to start mid-September, but a lot of that will be dependent on supply of materials. It has been a constant battle with Consolidated, first the made a mistake and bid the wrong materials, and now they can't land the Ductile iron pipe to complete the Brookdale portion of this project until after the 3rd of November. We have sent them a notice to cure this default dated the 7th. I have not heard from Consolidated since. We have a back up for the ductile iron pipe but will still need to buy several of the other items from Consolidated. This puts them in a tough situation as we would be looking to recover additional costs for the late delivery of the materials. We know the alternate would cost nearly fifteen thousand dollars more. But it is landed in town right now. We put a lock on the materials pending a response to the cure letter.

8-8-2022: This project is awaiting materials we have had a difficult time with the supplier on these materials. But we have been assured that we will have the materials in hand by early October. The contractor has asked that we get the vault in as early as possible so they can start with that scope of work early and possibly get the HDPE in early as well the long lead time materials have been the Ductile Iron pipe.

9-7-2022: The work for this project is scheduled to start shortly after the first of October. The Materials will be on the ground after the 3rd and we are hopeful the contractor can take advantage of our late extended summer and get in while the weather is reasonably good. We will have one late delivery of the Vault Lid, but this should not pose a large problem as we can get base set and plumb the vault.



39th Ave Phase 4 Halcyon to Pac Hwy: Job (804)

1-11-22 This project has been put out for bid; this is a continuation of our 39th Ave Project bringing water from the 455 Pressure zone to the mouth of the wholesale Transmission main. The project was designed by RH2 and will take a 20" main from our Scott Well Site, and go down Halcyon, turn west on 110th Street, and extend to Pac Hwy where it will tie in to the existing 16" main. We have pre purchased the materials in an effort to Reduce the delay between ordering and receiving materials for theses job. Right now, the bulk of the materials can be expected to be delivered in between 16-20 weeks. We ordered the materials yesterday and will not be able to start until the first week or so in June. Those dates we have been told are worst case, and we are hoping to start earlier, but all it takes is one fitting to stop the whole job. This type of issue accentuates the difficulties in trying to build work during these times of shortages and will likely

require a longer reaching alternative to getting work out and constructed. 2-02-2022 This project was let, and Ceccanti Inc was awarded the project, there was a potential bid protest from Rodarte Construction, but they did not follow through after we had our attorney state our reasoning for acceptance of Ceccanti' s Bid. This is does help the district in other ways other than that they were the low bid, we have the opportunity to store the materials at the Scotts site now since it is same contractor that is working on the GAC system. Core and Main was the supplier for the materials on this project, we will get the contractor and the supplier together as soon as we receive the signed Notice of award letter back from Ceccanti which was mailed out Monday.

3-1-2022: The materials for this project are anticipated to arrive in Mid to Late march, and we are anticipating this work with Ceccanti the first week of April. We anticipate this project to last just a couple of months.

4-4-22 This project is experiencing a bit of a delay due to pipe supply, what was supposed to be delivered by the end of March is now being delivered the first week of May a month later. We don't anticipate this will take long to build once all of the materials are on hand.

5-4-2022 this project is waiting on the delivery of the 20" pipe. The factory made this once but the pipe was out of spec so they were rerunning the batch on the 3rd if they were successful and generated the required amount then we could still build this project this spring. If not, they will have to move off and go do some in stream work they have to do. This would mean delaying the start of this project until September or so.

6-6-2022: Ceccanti is nearing completion of this work the have the main line in and connected and are transferring services now we are hoping restoration etc. will be complete withing 2 weeks this of course is weather dependent.

7-7-2022: Ceccanti has completed the work on this project, there are still a couple of small punch list items undo as of yet but nothing that would hold back a recommendation of conditional acceptance on this project as well.

8-8-2022: The work is completed, and the project was conditionally accepted so we are waiting on L & I to clear the project once we get that we can close the project.



Connection to the system end of pipe for Scott's and Start of Phase 4 Halcyon. Live tap in to the 12" system by Speers Tapping.

112th Street from Pacific to South Tacoma Way: Job 800

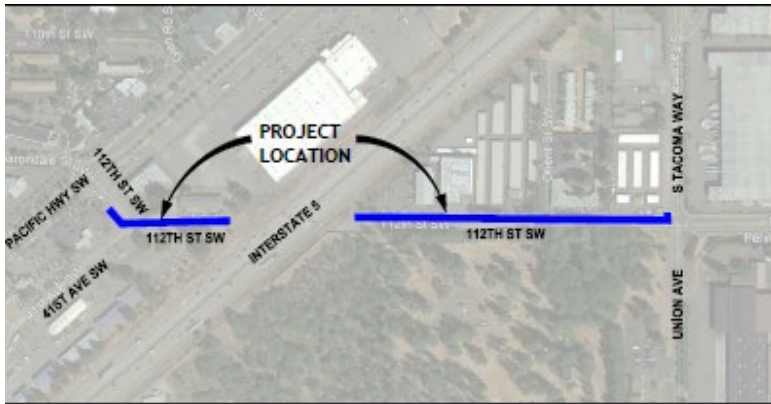
1-11-22 This project will upsize the main that we can between Pac Highway and South Tacoma Way Where the wholesale main takes off. We will still have a 12" Main constraint under I-5 but this short run we have been assured will not be a problem. This is 1730 LF of 24" Ductile Iron Pipe (DIP) and will assist in providing water to the 1st booster station on the wholesale. Delivering more water to the booster keeps the suction pressure up allowing the booster to pump more for longer periods to meet the rising demands on the wholesale water. We have purchased the materials for this project and are awaiting the installation bids. 2-02-2022 The project was let, and opened and awarded to HCON Inc from Puyallup, they had no issues in the legal review, they were low by a significant margin, so we did ask to make sure they were good with their number, and they assured me they were. The award letter was sent out Friday of last week and they have received it, but we have not received it back at this time. This project will be waiting on materials to arrive which were procured through Ferguson water works on the 10th of January. 16-18 weeks is what the manufactures are saying we are hoping that this delivery timeline can be improved on, once we receive the signed letter of award, we can set up a meeting and go over the particulars with the contractor and supplier in the same room etc.

2-1-2022 HCON, Lakewood and Fergusson met on a delivery schedule for these materials so far, they have not shaved much from the original bid timeframe, we will have roughly half of the materials in hand by this week, but we need all of them in order to start and assure that we will be able to continuously progress on the job. We have again requested an updated schedule, but this supplier is not near as responsive as the others. As soon as we know more, we will report again.

5-4-2022 This project has all of the pipe landed, and all but a couple fittings which should be in by now, but we are still waiting for the tapping company to confirm when the 20" Tapping sleeve and valve will be delivered. We want to start with this so that we are not working in this area during peak Wholesale demand.

6-6-2022: This project is also underway, there were some real challenges at the tap with limited spaces and several un located utilities to contend with we have had several delays and impacts on this project so far. But I believe we have completed the hardest part of this work now and would anticipate a more typical instillation from here forward.

7-7-2022: This project is in place and working as designed, but the paving on the west side is unfinished so we are anticipating this being completed on the 14th. If this is the case, then we will request Conditional acceptance of the work. Contractor did a good job, there were a lot of unforeseen issues on this job.



8-8-2022: the work has been completed on this project and conditional acceptance has been given, once the Taxing authorities give us the release this project will close out.

112th Street from Pacific to South Tacoma Way

LWD Steel Building Project #0806:

This project is set to break ground on the 9th of May we anticipate the slab and building will go up quickly in a month of six weeks, but we are being told the Garage Doors are 19 weeks out at this time so likely not fully functional until the first of the year.

6-6-2022: This project is underway with the pad and cap break in place now, the contractor is waiting on Rebar supplier to bend the bar for placement. We anticipate 3-4 week for completion once the slab is in place. Rebar will be done 6-21-22 and pour of footings on Wednesday and slab on Friday the 24th.

7-7-2022 the fence has been removed and replaced with new Cedar fencing. This was well needed as the fence existing was not in great shape and with the new road work became far more visible to the motorists and pedestrians on the sidewalks. The fence crew for the contractor did a nice job, and the new fence looks very nice.

7-11-2022: The concrete Pour was Wednesday of last week the contractor had issues getting delivery dates for Mud. We do have a finished slab now, and the red iron will be going up this week starting Wednesday. It is anticipated that the building will take about a month to complete. But the garage doors are not likely to arrive until late fall.

Along with the new building pad, we are building a new 6' cedar fence, some of which was to replace the fence the city pulled down for construction, they are covering that expense, but we are replacing the balance of that fence under the Fence Contract with the City this will wrap this fence around to the back of our large Parking garage and connect to the rot iron fence.



8-8-2022: Some issues have arisen with the building package being incomplete the supplier is sending the missing components, but the delays are mounting. Work should resume early this week and we anticipate everything being complete but for the doors in less than 30 days.

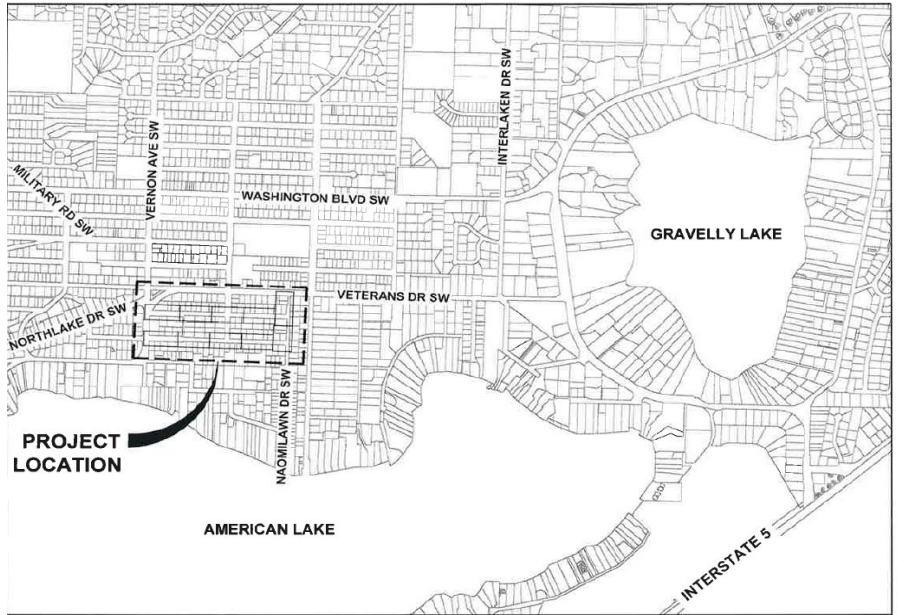
9-7-2022: The Electrical conduit is all but in, they are starting to pull wire tomorrow. The Garage doors will be delivered on Friday, and they will be putting them in place next week. At that stage we will only need the Power Company to bring in the overhead to the building. We are confident we will be complete by the end of the month assuming PSE cooperates.

Naomi Lawn, New Grove, Highland Water Main Replacement Job (719)

7-7-2022 This project was designed several years back, and we have dusted it off and are prepared to get this project out. This project was designed by Gray and Osborne, and they are updating the documents as we speak, we should have full 90% for approval by the end of the month. We are anticipating that this would go out for bid in August, with Contractor supplied materials and construction in early 2023. This project spread about several streets to the west of the District office would replace approximately 4200 feet of 8" main, and 6 hydrants with 5 connections to the existing system.

8-8-2022: This project is out for bid, bids will be opened on the 17th and hopefully awarded on the 18th at this month's scheduled BOC meeting. We don't anticipate much work being completed on this project this year but hope for a start of work in December. We are having the contractor supply the materials on the job and providing a flexible Notice to proceed date.

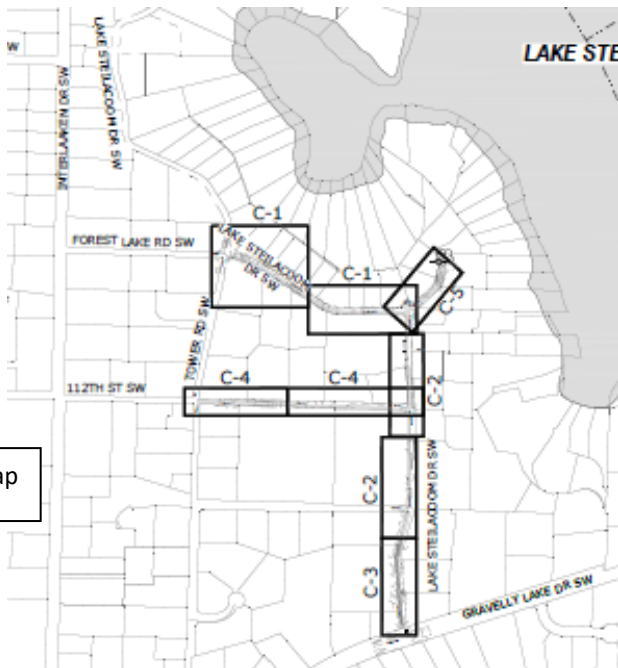
9-7-2022: Pape and Sons Construction was the lowest bidder and we are working with them to set a start date of November 1st. We are pleased with the bids, which came in lower than the engineers estimate by +/- 100,000 we feel comfortable with the contractor and their bid and are looking forward to another successful project.



VICINITY MAP
NTS

Lake Steilacoom Drive SA Phase 2: Job (799)

7-7-2022 This project is approaching 90% design; we are anticipating putting this out to bid in August for contractor to supply and construct the project in early 2023. This is a significant project with 3300 lf of 8" main 37 services and 4 connections to existing as well as couple of Hydrants.



8-8-22: This project is currently out for bid, we are opening this project on the 16th of August and hoping to award on the 18th at the scheduled BOC meeting. As with Naomi lawn this work will at best just get started this year and likely not started until 2023. But we wanted to get these projects in early so we could finish the construction in 2023.

9-7-2022: This project was Awarded to HCON Construction, and we were very pleased to see the number of bidders and the over all price of the project which came in nearly 400,000 under the engineers estimate. I think this is really a testament to the collaboration and way we partner with our contracting team to build the

best projects we can and work with the contractors and designers to provide top quality work at reasonable prices and if a change is required, we work through those quickly and look at many alternatives in and effort to minimize the lost time for the contractor and the costs to our rate payers.



Engineering Manager's Report
August 18, 2022
Board of Commissioners Meeting

Pumping Operations

1. Production/Demands

- a. Pumping has decreased a bit to about 16 million gallons per day, including roughly 5 million gallons a day to wholesale partners.

2. Maintenance Activities

- a. Field crews continue to work on preventative maintenance tasks.
- b. We anticipate being able to start fully utilizing our new work order management system in October. We've had some customizations that have been taking place to make the program easy and efficient to use for all of the field staff departments.
- c. Completed monthly lake and stream monitoring tasks, which support our water rights perfection process.

3. Groundwater Wells

- a. We continue to work with Senator Murray's office and EPA regarding the grant funds we've received for two new groundwater wells to help offset the sources impacted by PFAS. EPA, who is administering the funds, anticipates having the administrative guidelines, tools and resources in place this fall and then be able to start the contracting process.
- b. The N-1 replacement motor was installed and has been running strong all through August. The supplier has attached some additional power monitoring equipment at the site. Our inspections have not found any issues with the power supply and the motor has been operating and running well since early August, but we continue to discuss warranty coverage with the supplier.

4. Pumps

- a. At Wholesale Booster Pump Station 1, PumpTech installed our spare pump and removed one of the existing pumps to allow for some diagnostics of poor performance of the existing pump. We are continuing to work with the original design engineer, pump manufacturer and supplier to resolve the issue.
- b. The third, last large capacity pump was installed at the Steilacoom Boulevard Pump Station in early September. This pump provides the increased firm capacity at the station to reliably meet the ultimate wholesale supply needs of 10 MGD.

5. Equipment out of service

- a. We are continuing to work with the supplier to diagnose the N-3 pump and motor's cause of failure.
- b. I-3, O-2, O-3, and U-1 wells out of service due to PFAS.

6. Upcoming Pumping Projects

- a. The Abitibi Well Evaluation project was bid at the end of August. We anticipate the selected contractor to begin their work in late October or early November. This work is anticipated to continue through February 2023.
- b. Development of the R-2 Well should continue in October. The additional well development activity is aimed at increasing the yield from the well compared to when it was initially developed and tested in May.
- c. Redevelopment and expansion of the P-2 and F-2 Well will take place this Fall. These projects will accomplish two goals – expanding our supply capacity and replacing two of the District's oldest remaining pumps and motors.

Capital Projects

1. Scotts well site treatment project

- a. Both treatment facilities have gone through startup and are in operation.
- b. All three wells have continued to operate through the summer and have proven to be a great asset to the system, in particular to our wholesale supply facilities.

2. Steilacoom Blvd Tank Seismic Retrofits

- a. Retrofit work is complete.
- b. Interior coating is complete.
- c. Tank has been put into service.
- d. Exterior coating work is ongoing. The extent of exterior coating work had to be modified due to the condition of the existing coating. The primer and intermediate coat on the exterior of the tank have been installed. The exterior coating should be complete by the end of September.



Foundation rebar on tank exterior.



Tank with shell stiffeners around exterior; with primer in progress; with intermediate coat in progress (Left to Right).

3. Emergency Generators and Well Improvements project –

- a. Contract was awarded to Pape & Sons at the March 17, 2022 Board Meeting.
- b. Submittal review is ongoing.
- c. Coordination continues about when to install the piping and site improvements.
- d. Lead times on the emergency generators is approximately 51 weeks currently.

4. R-2 Well Drilling

- a. Holt Services will be back onsite to continue development of the well at the beginning of October.
- b. Holt Services has finished drilling the well to a depth of 600 feet.
- c. Started with 24-inch diameter casing, driven to approximately 100 feet depth; 20-inch casing was installed to an approximate depth of 300 feet, the remaining is 16-inch casing.
- d. The well was pump tested in May and showed a large drawdown and a modest pumping rate. Our hydrogeologist believes we can improve the well performance by additional well development activities. Because of the time of year and that the proposed development activities would take the R-1 Well out of service, we will return to the site in October 2022 to complete well development activities.



Completed R-2 Wellhead

5. Well Rehabilitation and Capacity Expansion

- a. The S-2 Well has been rehabilitated and is scheduled to be returned to service on July 18th.
- b. The P-2 and F-2 Wells will be rehabilitated in fall after the peak summer demands.

6. ARPA program (America Rescue Plan Act) - \$13.7M to City of Lakewood

- a. After many months of discussions and multiple rounds of supporting information prepared by the District, the City Council has recently decided that the City's ARPA funds will now be used for supporting housing and food bank needs within the community. Based on this, we do not anticipate receiving any funds through the City.
- b. Pierce County has opened applications for up to \$10 million of ARPA funding for water and sewer systems in the County. We are reviewing their guidelines now and intend to submit applications for funding for District projects. An application for the proposed well near St Claire's hospital was submitted to Pierce County. The County's program requires the applicant to match at least the amount requested (grant will only be up to 50% of the project cost). After the application was submitted, the County extended the application deadline until the end of August.

7. Abitibi Well Evaluation

- a. Two bids were received for this project on September 1, 2022. One bid from Holt Services, and the second from Hokkaido Drilling. The bid prices were within the project budget Previously approved by the Board. Holt Services was the low bidder and have awarded the contract based on the Board's prior approval of the work and budget.

8. Earthquake Early Warning System

- a. Final design plans have been submitted for review for the ShakeMonitor sensors at the Steilacoom Boulevard site. It is anticipated the equipment can be installed in October following the tank paint completion. The sensors will detect and report the structural condition of each of the three buildings and the tank. This information will be accessible remotely so that staff can be dispatched efficiently throughout the system where the largest needs are following an earthquake.

Water Quality

1. The field crew completed monthly water quality samples.
2. We are continuing to develop more details for the PFAS Mitigation plan presented at the June and July Board meetings. We are working with Peterson Resources to track and prepare applications for grants through the State Department of Health and the Department of Commerce. The application for Department of Commerce Grant funds are due by September 15, applications for the State Department of Health will start being accepted on October 3 and be due by November 30. We anticipate being able to use a lot of the same information for the multiple grant applications.
3. EPA released its guidance document on how to conduct a lead service line inventory in early August. We are reviewing that document and developing a plan to meet this requirement of the revised Lead and Coper Rule. Water systems need to complete an inventory of our service lines by October 26, 2024.

Water Storage

1. The Steilacoom Boulevard Seismic Retrofit project is nearing completion, and the Steilacoom Boulevard Reservoir is now back in service. The exterior coating work is underway with completion anticipated by the end of September.

Bid Tabulation
Abitibi Well Evaluations - Job No. 829
Lakewood Water District

Bids Due: September 1, 2022; 2:00 PM

Bid Item No.	Item Description	Units	Quantity	Hokkaido Drilling		Holt Services	
				Unit Price	Total	Unit Price	Total
1	Initial Mobilization/Demobilization	L.S.	1	\$ 50,000	\$ 50,000	\$ 25,000	\$ 25,000
2	Re-mobilization between well sites	EA.	1	\$ 15,000	\$ 15,000	\$ 25,000	\$ 25,000
3	Remove and reinstall existing pump equipment	L.S.	2	\$ 30,000	\$ 60,000	\$ 18,000	\$ 36,000
4	Down hole video inspection	EA.	4	\$ 5,000	\$ 20,000	\$ 4,000	\$ 16,000
5	Authorized Hourly Work	HR.	160	\$ 425	\$ 68,000	\$ 600	\$ 96,000
6	Furnish and Install Test Pumping Equipment and Discharge Pipe	EA.	2	\$ 25,000	\$ 50,000	\$ 25,000	\$ 50,000
7	Hourly Work for Test Pumping	HR.	24	\$ 425	\$ 10,200	\$ 500	\$ 12,000
8	Extra Materials	Cost + 15%	2	\$ 2,500	\$ 5,000	\$ 2,500	\$ 5,000
9	Standby Time	HR.	4	\$ 425	\$ 1,700	\$ 500	\$ 2,000
Subtotal:					\$ 279,900		\$ 267,000
WSST at 10%:					\$ 27,990		\$ 26,700
Total Cost:					\$ 307,890		\$ 293,700

L.S = Lump sum; L.F. = Linear foot; EA = Each; HR = Hourly; WSST = Washington State Sales Tax.



Office Manager's Report
September 15, 2022
Board of Commissioners Meeting

No Tenant Sign-Up Update

Over the past month since my last report, the customer service staff has received less than 20 calls regarding the no tenant process with no reports of any angry or hostile customers. September 5, 2022, is the first day the District starts not signing up tenants. A duplicate billing form has been created for housing providers who wish to have their tenant receive a copy of the water bill, which can be found on our website or in the office. This form will only need to be supplied one time during the lifetime of the property being a rental as the bill copy will be addressed to "Resident" and be mailed to the property address.

The customer service team is still working with limited staff through the vacation season, however, is doing a great job maintaining the high level of customer service the District is known for.



IT Manager's Report
September 15, 2022
Board of Commissioners Meeting

CYBER SECURITY UPDATE

There are no Cyber Security Issues to report.

- All Penetration Testing results for August came back with zero (0) findings.
- The August Spam testing campaign resulted in zero (0) employees clicking on the test link.
- All operations networks are patched up to date and report no suspicious activity.
- All production devices and networks are patched up to date and reporting no suspicious activity.
- No user accounts have been flagged for suspicious activity.
- No malware has been detected on District equipment.

TECHNOLOGY UPDATE

ElementsXS

The ElementsXS Asset Management installation and conversion is going well. Field staff have gone live for non-office generated work orders. We are still working on the PM (Preventative Maintenance) migration for the pumping department and then will focus on the Caselle Integration and historical data from Lucy.

CELL TOWER UPDATE

Dish has the final agreements from Inslee-Best. We anticipate completing these agreements in September.

CROSS CONNECTION UPDATE

Assemblies Tested	501
New Applications	00
New Installations	03
Assemblies Replaced	00
Repairs	19
Removals –Shaun	00
Existing installations permitted	4627
Test Reports Completed & Entered	501

Month	2022				2021				2020			
	Cubic Feet Pumped	Cubic Feet Sold	Difference	%	Cubic Feet Pumped	Cubic Feet Sold	Difference	%	Cubic Feet Pumped	Cubic Feet Sold	Difference	%
January	41,387,515	34,674,736	6,712,779	16.22%	41,220,158	36,637,933	4,582,225	11.12%	27,159,738	24,247,970	2,911,768	10.72%
February	36,185,002	36,151,676	33,327	0.09%	36,773,025	37,339,181	(566,156)	-1.54%	36,354,899	34,981,066	1,373,833	3.78%
March	40,461,436	32,837,120	7,624,316	18.84%	40,087,421	33,194,888	6,892,533	17.19%	43,862,184	35,802,043	8,060,141	18.38%
April	41,117,097	37,025,639	4,091,457	9.95%	44,891,458	39,438,720	5,452,738	12.15%	46,432,964	40,884,037	5,548,927	11.95%
May	45,628,927	34,539,880	11,089,046	24.30%	54,929,020	39,470,047	15,458,973	28.14%	55,684,695	41,628,051	14,056,644	25.24%
June	49,768,213	41,799,240	7,968,973	16.01%	69,323,486	53,653,437	15,670,049	22.60%	57,152,119	48,327,384	8,824,735	15.44%
July	75,016,041	48,363,233	26,652,807	35.53%	86,524,262	63,988,514	22,535,748	26.05%	71,659,137	47,368,813	24,290,324	33.90%
August	80,450,608	66,218,472	14,232,137	17.69%	86,496,992	81,965,711	4,531,281	5.24%	77,244,887	63,879,455	13,365,432	17.30%
September	-	-	-	0.00%	63,893,463	66,644,741	(2,751,278)	-4.31%	64,934,501	71,454,736	(6,520,235)	-10.04%
October	-	-	-	0.00%	43,912,178	64,772,184	(20,860,006)	-47.50%	46,779,040	68,624,173	(21,845,133)	-46.70%
November	-	-	-	0.00%	39,948,002	42,584,231	(2,636,229)	-6.60%	40,032,349	44,079,544	(4,047,195)	-10.11%
December	-	-	-	0.00%	40,844,005	39,804,988	1,039,017	2.54%	42,450,207	42,285,891	164,316	0.39%
TOTAL	410,014,837	331,609,995	78,404,842	19.12%	648,843,471	599,494,574	49,348,897	7.61%	609,746,718	563,563,163	46,183,556	7.57%
Net loss (WER)	76,771,237			18.72%	47,715,292			7.35%	44,549,950			7.31%

2021 YTD	460,245,823	385,688,431	74,557,393	16.20%
2020 YTD	415,550,622	337,118,819	78,431,803	18.87%

Total Number of Customers Billed

	2022		2021		2020		2019	
		BI-MONTHLY		BI-MONTHLY		BI-MONTHLY		BI-MONTHLY
January	7786		7781		7759		7869	
February	8637	16423	8576	16357	8670	16429	7069	14938
March	7717		7679		7630		9143	
April	8704	16421	8472	16151	8494	16124	8528	17671
May	7707		7695		7698		7799	
June	8552	16259	8512	16207	8492	16190	8555	16354
July	7937		7698		7707		7779	
August	8745	16682	8522	16220	8526	16233	8488	16267
September			7720		7793		7715	
October		0	8524	16244	8616	16409	8467	16182
November			7664		7827		7666	
December		0	8515	16179	8459	16286	8469	16135
BILLS YTD:		65785		64935		64976		65230
YEARLY TOTAL:		65785		97358		97671		97547

**CUBIC FEET SOLD PER CLASS
2022**

	fire Mtr	commercial	multi units	residential	schools	Parks /Irrigation	school swim pool						WHSL SUBTOTAL	TOTAL CU FT SOLD
	FM/MISC	1C/CR	MUR	1R	1S/1S2	1PK	1SP	TOTAL INTERNAL	STEILACOOM	SUMMIT	WA WATER	FIRGROVE		
January	400	2,163,000	5,524,500	7,836,400	265,400	154,000	-	15,943,700	1,801,080	5,121,641	7,131,400	4,676,915	18,731,036	34,674,736
February	500	2,751,000	9,446,200	8,088,600	129,600	48,100	-	20,464,000	1,389,186	3,760,326	6,450,608	4,087,555	15,687,676	36,151,676
March	100	2,258,500	5,560,300	7,528,500	325,800	48,100	-	15,721,300	1,563,086	3,749,365	7,127,523	4,675,845	17,115,820	32,837,120
April		2,840,700	9,333,500	8,051,200	165,200	83,800	-	20,474,400	1,430,801	3,480,551	7,105,066	4,534,822	16,551,239	37,025,639
May		2,550,700	5,713,400	8,040,900	286,600	65,800	-	16,657,400	1,665,798	4,243,951	7,436,573	4,536,158	17,882,480	34,539,880
June		3,042,900	9,415,800	9,043,700	256,600	569,400	-	22,328,400	2,363,100	5,110,279	7,375,084	4,622,377	19,470,840	41,799,240
July		3,028,000	6,307,100	12,619,000	529,700	984,700	-	23,468,500	4,671,100	7,660,473	7,075,257	5,487,903	24,894,733	48,363,233
August		3,809,600	11,058,700	21,089,700	971,400	4,340,200	-	41,269,600	4,985,765	7,980,217	5,965,914	6,016,976	24,948,872	66,218,472
September							-	-					-	-
October							-	-					-	-
November							-	-					-	-
December							-	-					-	-
Total YTD	1,000	22,444,400	62,359,500	82,298,000	2,930,300	6,294,100	-	176,327,300	19,869,916	41,106,804	55,667,424	38,638,551	155,282,695	331,609,995

2021 YTD	207,958,100	23,236,680	55,022,724	49,076,728	50,394,199	177,730,331
----------	-------------	------------	------------	------------	------------	-------------

2020 YTD	181,398,362	24,936,471	40,154,658	39,124,315	51,505,013	155,720,457
----------	-------------	------------	------------	------------	------------	-------------

vs 2021	84.79%	85.51%	74.71%	113.43%	76.67%	87.37%
vs 2020	97.20%	79.68%	102.37%	142.28%	75.02%	99.72%

0.801178775