



**Regular Meeting Board of Commissioners  
Thursday, August 18, 2022 - 3:30PM In  
Person and Via Teams**

**Agenda**

1. Call to Order
2. Attendance
3. Public Comment
4. [Approval of Regular Meeting Minutes from July 21, 2022](#)
5. [Finance Manager's Report \(July 2022\)](#)
  - a. [Board Approval of Payables](#)
6. 2023 Budget Update
7. Wholesale Water Main Dedication Celebration
8. General Manager's Report
9. [Operations Manager's Report](#)
  - a. Board Approval of contactor for the Naomilawn, Newgrove, Highland Water Main Replacement Project #719
  - b. Board Approval of contactor for the Lake Steilacoom Drive Phase 2 Water Main Replacement Program, Job #799.
10. [Engineering Manager's Report](#)
11. [Office Manager's Report](#)
12. [Information Technology Manager's Report](#)
13. Other Business
  - a. Acknowledgment of Employee Wages Increases
  - b. AWWA Membership for Board Commissioners
  - c. Budget Workshop - October 11, 2022, 8:30 AM - 12:00 PM
  - d. Commissioner Barton WASWD update
14. Public Comment
15. Adjourn



**LAKESWOOD WATER DISTRICT  
BOARD OF COMMISSIONERS  
Minutes of Regular Meeting  
July 21, 2022  
Boardroom & Via Microsoft Teams**

**1. CALL MEETING TO ORDER**

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

**2. ATTENDANCE**

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

**3. PUBLIC COMMENT**

None.

**4. NO TENANT SIGN UP PROPOSAL – PUBLIC MEETING SUMMARY**

General Manager Black thanked staff for all the information and for being transparent and open throughout this process to our customers with communication and hosting the two open houses.

General Manager Black shared that the District has the potential to save \$41,374.08 if we do not sign up tenants for services and leave the account in the property owner's name (this includes the time it takes to disconnect each account). Human Resources Analyst Briana Levo did a time study with the Finance and Customer Service departments; they feel they could operate with one less customer service representative if the No Tenant Sign Up proposal is passed.

Ms. MacDougall shared the Customer Service department has been working with fewer staff for the past few months due to filling in for finance part-time, vacations, etc., and they shared that being down one position will not be an impact for them if this proposed change passes.

The Finance department had a vacancy for a few months, and during that time, one of the Customer Service representatives has been splitting her time between finance and customer service and recently moved over to the finance department full-time. This move created an opening in the Customer Service department that would not be filled if the proposal passed.

The time savings from not having to disconnect, sign-up, start and stop services will allow the District to refrain from having to fill the vacant position. This will give the District savings from the No Tenant Sign up (\$41K) and the annual salary (\$65K-\$75K) of the

Customer Service position of approximately \$106K-\$116K annually not including benefits.

Ms. MacDougall shared that it would be a gradual change and would not be everyone at once. The changes would occur as tenants leave; the account would stay in the property owner's name. If approved, we will send out notifications in August 2022 and start the new policy change in September 2022.

Commissioner Rediske wanted to confirm that the tenant can still receive a copy of the water.

Ms. MacDougall confirmed that the tenant can still receive a copy at the property owner's request.

General Manager Black feels this change is the best for the District and the ratepayers and asks the Board to approve the No Tenant Sign-Up proposal.

Commissioner Korsmo shared his appreciation for the information and for all the comments the District received. He sees that the variable expenses could be a challenge but seeing the overall savings and a whole staff person; it looks like we are all on track.

Commissioner Barton asked for clarification on the transition period and that it could be fairly drawn out.

Ms. MacDougall shared those changes would start transitioning in September to the new system; this will help the housing providers time to prepare for the new policy change.

Commissioner Barton asked if the staff was comfortable with the lack of staff. Ms. MacDougall shared staff is excited about this option, and she is comfortable not hiring the new person.

Commissioner Rediske is still concerned about the variable billing and the pressure it places on rental owners. It sounds like it worked with several other districts without too much grief. He is still not entirely convinced but will move forward with a yes.

Commissioner Korsmo is not a fan of the \$20 fee option; it seems just to be adding another cost or fee to the housing providers. He agrees that business can be conducted between the tenant and housing provider on how the water bill will be paid.

**COMMISSIONER REDISKE MOVED TO APPROVE MOVING FORWARD WITH ELIMINATION OF THE SIGN UP OF TENANTS; TO GRADUALLY HAVE ALL WATER BILLS IN THE NAME OF THE PROPERTY OWNERS. SECOND BY COMMISSIONER BARTON. MOTION PASSED UNANIMOUSLY.**

## **5. PFAS PRESENTATION**

Marshall Meyer, Engineering Manager and Gene Peterson, Consultant presented information regarding the District's PFAS Mitigation Plan.

Mr. Meyer provided background on PFAS and the options that were looked at in the proposed approach to mitigate PFAS. Projected demands for our retail and wholesale will

exceed the current levels in the next few years, so keeping the wells down will not be a long-term option.

Mr. Peterson shared the estimated PFAS potential funding sources timelines to help mitigate the District's cost and ratepayers' costs.

**Congressionally Directed Spending FY 2022** – The District submitted a request for \$2.4 million to pay for drilling two new wells. The District has been awarded \$1.95 million with a 20% match requirement. EPA has recently released interim guidance on what will be implemented and how the match will be required. Using the EPA guidance, the cost share portion for the District is \$487,500 in matching funds, and this will leave \$1.5 million from Federal funding to support the drilling of two contaminated wells, leaving about \$1 million short. The District will be allowed to count expenditures made from March 15, 2022, towards the project costs. Mr. Peterson is looking at how to properly document and meet EPA requirements using previously expended money as match share requirements. He is looking to see how we file for a waiver for cost share requirements which could increase the amount of funding we can get. There are a lot of administrative forms that will need to be filled out before the funds are available to the District; we should have a contract in the Spring of 2023.

**Infrastructure Bill Drinking Water SRF** - \$135 million for the current budget year at the State, out of the \$135 million, \$16.8 million has been designated for emerging contaminants from PFAS.

There is not enough funding for all the needed projects around the area. \$56 million that could help defray the costs of PFAS mitigation will not be as favorable as the Emerging Contaminant funds, which will be issued as a forgivable loan. Corina Hayes, manager of the Drinking Water SRF program, will be issuing guidance in August of 2022 on how to proceed in the application process. We expect she would like us to submit multiple applications, not just one application for all of the projects. The infrastructure bill requires a greatly enhanced public review process that will extend the duration of the development and approval of the intended use plan to be approved by the EPA. We will need to comply with the Build America, Buy America plan; this will extend the time and costs of the projects.

**Commerce Defense Community Compatibility Program (CDCCP)** – The District had previously applied for funding through 2019, but the legislators did not fund the program at that time. The CDCCP will follow the legislative process. The District has been encouraged to apply for this program, and we will most likely have to submit multiple applications. The last time we applied for the program, we were in third place for funding. The advantages of this program if we were to get the CCP account is that it is the State funding and not Federal and does not have all of the requirements of the Build America, Buy America program. This could be a loan or a combination of a loan and a forgivable loan.

**Ecology Remedial Action Grant (RAG), Safe Drinking Water Action Grant (SDWAG) Program** - These are two-year cycle grant programs; they have an application cycle every even year to submit applications for funding through the Remedial Action Grant Program; the next time for applications is early 2024. This program is a State funding program, and

the primary funding is from the gas tax. Significant funding should be available in their next funding cycle through their toxic clean-up program. Dept. of Ecology released their guidance for toxic clean-up levels for PFAS. This gives them the ability to fund remediation for PFAS through the toxic clean-up program. This will start around 2024, with funds released in early 2026.

These are options for current and potential funding sources to address the contamination that has been detected.

Mr. Meyer shared the option comparisons with the three different options **Drill Well, GAC Filtration, and IX Filtration**. The lowest initial and ongoing operating and maintenance costs are to drill new wells.

Proposed Improvements: 2-3 projects each year to mitigate PFAS:

**2022** – Develop mitigation strategy & submit funding applications for 2023 projects.

**2023** – Drill K-3 and G-4 Wells with grant money received in 2022; Replacement wells for I-3, O-2, and O-3; Evaluate options for U-1; EPA finalizes PFAS Regulations; Submit funding applications for 2024 projects.

**2024** – U-1 Replacement Well or IX System; J-1, J-3 GAC System; Submit Funding Applications for 2025 projects.

**2025** – D-3 Well Replacement; E-3 Well Replacement

Commissioner Rediske inquired if the schedule presented will happen even if we don't receive the funding. Mr. Meyer shared that the projects will be done either way.

Commissioner Rediske inquired if Build America Buy America makes it better to drill a well rather than the GAC system. Mr. Meyer said yes, it is a little more straight forward with a well. Build America, Buy America Act has expanded the American Iron and Steel requirements to mechanical equipment, valves, electrical equipment, and pretty much everything that needs to be made in America, and a new well has less components to deal with.

Commissioner Korsmo inquired if the money we will receive from Senator Murray will be for two new wells at K-3 (Lake Street) G-4 (Scotts Site). Mr. Meyer shared that is the plan.

General Manager Black requested the Board accept the outlined plan as presented.

Commissioner Barton, one of the positives about the wells is we learn more about the aquifer system. He is concerned about the funding; this is about the resilience of our system, and we need to deal with the issues ahead of time, so we don't have issues for our customers. There is stress with getting the funding and grants, so it doesn't fall on the ratepayers.

Commissioner Korsmo agrees that he is also concerned about getting the funding and that we will continue to line up the funding throughout the years that we will be drilling.

General Manager Black shared that with Mr. Peterson's knowledge and connections, we are in a better position to secure funding.

**COMMISSIONER REDISKE MOVED TO APPROVE THE PROPOSAL AS OUTLINED IN THE PRESENTATION. SECOND BY COMMISSIONER BARTON. MOTION PASSED UNANIMOUSLY.**

## **6. APPROVAL OF RESOLUTION B-1475 ADU CONNECTION FEES**

General Manager Black shared that the resolution addresses the gaining popularity and interest in Accessory Dwelling Units (ADU) and addresses the type of buildings going in and the requirements of needing their own meter and GFC. The City of Lakewood is looking at requirements that will be for ADUs. The District is being proactive in getting ahead and putting in place the resolution to require all ADU's have an individual meter and GFC charge; it mirrors the District's residential connection fees. If there is an additional accessory dwelling unit, it must have its own meter and GFC charge.

Staff recommends the Board approve Resolution B-1475 ADU Connection Fees as presented.

Commission Korsmo inquired about the language "All single-family residences and ADUs on a single tax parcel must pay one full GFC charge." He asked if you have a single-family residence that is a new house, within the last few years, and you've already paid the GFC for that house, and now you're interested in putting an ADU on your property, do you have to pay another GFC charge for each new ADU.

General Manager Black shared a tax parcel with a single-family residence, and one or more than one ADU must have separate water meters for every single-family residence and each ADU, with the size of each water meter determined by District policies and standards.

**COMMISSIONER REDISKE MOVED TO APPROVE RESOLUTION B-1475 ADU CONNECTION FEES. SECOND BY COMMISSIONER BARTON. MOTION PASSED UNANIMOUSLY.**

## **7. APPROVAL OF MEETING MINUTES FROM 6/30/22 SPECIAL MEETING.**

**COMMISSIONER REDISKE MOVED TO APPROVE THE JUNE 30, 2022, SPECIAL MEETING, SECOND BY COMMISSIONER BARTON. MOTION PASSED UNANIMOUSLY.**

## **8. FINANCIAL INFORMATION**

Philip Mendoza, Finance Manager, presented the June 2022 financials to the Board. He shared that *retail sales* in June 2022 were 27.16% lower than budgeted and 8.63% lower YTD. *Retail consumption* is lower by 25.67% in June 2022 vs June 2021 (22.3M CF vs 30.0M CF) *Total sale of water* is 18.57% lower than budgeted and 4.94% lower than budgeted YTD. *Current Wholesale* 5.25% higher than budgeted and 3.63% lower than budgeted YTD. The new rate for Summit is 1.27 MGD vs 1.5 MGD scheduled, Firgrove 1.1 MGD vs 2 MGD scheduled, Washington Water 1.8 MGD vs 1.5 MDG scheduled.

*Operating revenue* is 10.31% lower than budgeted and 3.56% lower YTD. *Pumping operations* is 2.57% lower than budget and 5.87% under budget YTD; is directly correlated to the retail sales. *Water Treatment operations* is 35.92% under budget and 30.56% under budget YTD. *Transmission and Distribution operations* is 22.44% under budget and 11.38% under budget YTD. *Total operating expense* is 13.69% under budget and 5.75% under budget YTD. *Pumping maintenance* 32.02% under budget and 18.96% under budget YTD. *Water Treatment Maintenance* 62.67% under budget and 12.55% under budget YTD. *Transmission and Distribution Maintenance* is 24.71% under budget and 23.52% under budget YTD. *Total Operating and Maintenance Expense* is 10.96% under budget and 5.78% under budget YTD. *Net Operating Revenue* is 9.17% under budget and 4.39% ahead of the budget. True-Up wholesale revenue \$336,500.

**a. Approval of Payables**

Disbursements made from the General Ledger Fund for checks number 475319 through 45401 totaling \$784,793.44, salary direct deposits totaling \$186,487.51, payroll taxes totaling \$69,372.12, and other electronic payments totaling \$312,985.40 for a total of \$1,353,638.47 were presented to the Board for approval.

Commissioner Rediske inquired about the shredding cost; how often does that charge come along? Can we do our own shredding? How much shredding do we need to do? General Manager Black shared that there is quite a bit to do because we have to keep records for a retention period, and when the retention period is over, a lot of shredding needs to be done. It is more cost-effective and quicker to hire a shredding company than have staff time sitting there and shredding.

Commissioner Barton inquired about the fee for EMGovPower.

Mr. Mendoza shared that it is for the old billing cycle and should be the last charge as the staff is almost done transferring all of the old billing information to the new system.

Commissioner Korsmo inquired about the charge for inventory (78) iPerl Meters. Is this inventory or new services? Mr. I. Black shared it is for both; we ordered 150 it takes a long time to get them in; we are receiving them in batches.

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

**9. GENERAL MANAGERS REPORT**

Randall Black, General Manager, provided the following updates:

**Woodland Estates** – We have received several applications back, Ms. Clark is reminding property owners of the deadline of July 25, 2022, we will probably have to go past the deadline.

**Abitibi Update** – This week the District signed the Right of Entry with the developer. Mr. Meyer is working with our consultant on developing a scope of work and plan for getting a driller.

## **10. OPERATIONS REPORT**

Ian Black, Operations Manager, shared that we have most of the materials in the yard for the Woodland Estates project, we're just waiting for a few more parts that should be here in time for the start of the project. We are waiting for all of the signed contracts and as soon as we get them, we will get the project scheduled.

### **a. Conditional Acceptance – 39<sup>th</sup> Ave Phase 4 – Halcyon to Pacific Highway, Job #0804 Ceccanti**

This project removes 20" main out of the well site at Scotts and relocates it to Pacific Hwy in order to move 5,000 GPM the of the Wholesale Transmission Main from the G-4 Wells.

### **b. Conditional Acceptance – 112<sup>th</sup> Street from Pac Hwy to South Tacoma Way, Job #0800 H-Con Inc.**

This project takes 24" main and connects to the crossing of I-5, starts at Pacific Hwy down 112<sup>th</sup> and terminates in the existing transmission main at South Tacoma Way.

Both contractors did a great job on their project, and we request the Board accept the Conditional Acceptance of both projects #0804 and #0800.

**COMMISSIONER BARTON MOVED TO ACCEPT THE CONDITIONAL ACCEPTANCE – 39<sup>TH</sup> AVE PHASE 4 – HALCYON TO PACIFIC HIGHWAY, JOB #0804 CECCANTI. SECOND BY COMMISSIONER REDISKE. MOTION PASSED UNANIMOUSLY.**

**COMMISSIONER BARTON MOVED TO ACCEPT THE CONDITIONAL ACCEPTANCE – 112<sup>TH</sup> STREET FROM PAC HWY TO SOUTH TACOMA WAY, JOB #0800 H-CON INC. SECOND BY COMMISSIONER REDISKE. MOTION PASSED UNANIMOUSLY.**

Mr. Black shared the steel building in the back of the property is going up, they put the steel structure up yesterday and the project is moving forward.

## **11. ENGINEERING MANAGER'S REPORT**

Marshall Meyer, Engineering Manager, shared that in the last month, we have been able to install several well & pump motors that we have been waiting for, making the service list shorter and shorter.

Turning off the wells at Oakbrook and Country Place, the North end of the system have been an area that we have been watching closely. Since installing and upsizing the Angle Lane Wells, the District has been able to get quite a bit more water out of that site; even in the past week, we have noticed a lot better response of the water system in that area.

Mr. Meyer thanked the Commissioners for their approval of redeveloping those wells to get a better water response out them. The District paid a little bit more for the motor and drilling deeper and because of this we are getting a better flow out of them.

Steilacoom Blvd. Tank – The interior coating has been completed and is full of water. There are still some operational issues to work through and exterior conditions that were not what we're expecting before they started sandblasting. We have a meeting with the

inspectors and contractors next week. These issues are not affecting the tank being in service.

Commissioner Korsmo said he was happy to see the pumps being replaced, and we talked about the booster station and the challenges we have there. Mr. Meyer commented there has been some maintenance issues over the past few months. One of the pumps has been pulled, we only need to have two pumps to make the water flow, and we have four pumps at that location. We are working on getting it dialed in before the need arises.

## **12. OFFICE MANAGER REPORT**

No additional updates.

## **11. Other Business:**

- a. The Board acknowledged the wage increase this month.
- b. Commissioner Barton provided a brief update on the WASWD Government Relations Committee and the biggest item they are working on is Utility Tax options. It will be a lot more complicated than anticipated. He would like to put together a table on how the taxes came about in each district and the process they are being taxed. They are trying to design a solution that will work with all utility districts. One of the options would be putting on a cap of 6% and there are districts with higher percentage than that. More information will be shared at the next Board meeting.
- c. Our next Commissioner's meeting will be on August 18, 2022, at 3:30 PM.

## **12. PUBLIC COMMENT**

None.

## **13. ADJOURN**

President Korsmo adjourned the meeting at 4:56 PM.

LAKWOOD WATER DISTRICT  
BOARD OF COMMISSIONERS

BY:



ITS PRESIDENT

BY:



ITS VICE PRESIDENT

BY:



ITS SECRETARY

BY:



DISTRICT SECRETARY (DATE)

**LAKWOOD WATER DISTRICT  
2022  
INCOME STATEMENT**

JULY	<b>CUR MO ACTUAL</b>	<b>CUR MO BUDGET</b>	<b>CUR MO VARIANCE</b>	<b>Y-T-D ACTUAL</b>	<b>Y-T-D BUDGET</b>	<b>Y-T-D VARIANCE</b>
SALE OF WATER	759,462	995,141	(235,679)	4,709,135	5,150,921	(441,786)
OTHER OPERATING REVENUE	67,923	59,498	8,425	652,754	603,984	48,770
WHOLESALE WATER SALES	421,147	380,306	40,840	2,620,171	2,662,145	(41,974)
<b>TOTAL OPERATING REVENUE</b>	<b>1,248,532</b>	<b>1,434,945</b>	<b>(186,413)</b>	<b>7,982,060</b>	<b>8,417,050</b>	<b>(434,990)</b>
<b>OPERATING EXPENSE</b>						
PUMPING	101,095	114,698	(13,602)	626,266	671,545	(45,279)
WATER TREATMENT	29,533	40,247	(10,714)	197,228	281,726	(84,498)
TRANSMISSION & DISTRIBUTION	91,091	90,084	1,007	572,682	630,585	(57,903)
CUSTOMER ACCOUNTS	91,798	71,742	20,056	473,355	502,196	(28,841)
CUSTOMER INFORMATION	494	1,612	(1,118)	1,417	11,286	(9,869)
ADMINISTRATIVE & GENERAL	214,571	178,611	35,960	1,390,745	1,282,274	108,471
<b>TOTAL OPERATING EXPENSE</b>	<b>528,581</b>	<b>496,993</b>	<b>31,588</b>	<b>3,261,693</b>	<b>3,379,612</b>	<b>(117,919)</b>
<b>MAINTENANCE EXPENSE</b>						
SOURCE OF SUPPLY	2,177	2,299	(122)	16,106	16,093	13
PUMPING	22,046	21,542	503	126,802	150,797	(23,995)
WATER TREATMENT	6,390	16,989	(10,599)	95,856	118,925	(23,069)
TRANSMISSION & DISTRIBUTION	120,490	103,311	17,178	594,574	723,180	(128,606)
ADMINISTRATIVE & GENERAL	27,165	24,545	2,620	211,317	171,812	39,505
<b>SUB-TOTAL</b>	<b>178,267</b>	<b>168,687</b>	<b>9,581</b>	<b>1,044,654</b>	<b>1,180,806</b>	<b>(136,153)</b>
DEPRECIATION EXPENSE	226,083	226,083	(0)	1,582,581	1,582,583	(2)
UTILITY EXCISE TAXES	36,088	44,055	(7,967)	241,616	252,053	(10,437)
<b>TOTAL MAINTENANCE EXPENSE</b>	<b>440,438</b>	<b>438,825</b>	<b>1,613</b>	<b>2,868,850</b>	<b>3,015,443</b>	<b>(146,593)</b>
<b>TOTAL OPERATING &amp; MAINT EXPENSE</b>	<b>969,019</b>	<b>935,818</b>	<b>33,201</b>	<b>6,130,543</b>	<b>6,395,055</b>	<b>(264,512)</b>
<b>NET OPERATING REVENUE</b>	<b>279,513</b>	<b>499,127</b>	<b>(219,614)</b>	<b>1,851,517</b>	<b>2,021,995</b>	<b>(170,478)</b>
GAIN (LOSS) ON DISP. OF PROPERTY	-	-	-	1,236	-	1,236
RENTAL OR LEASE INCOME	680	1,087	(407)	4,620	7,607	(2,987)
INTEREST INCOME	15,267	900	14,367	41,354	8,100	33,254
MISC NON-OPERATING INCOME	6	-	6	336,507	-	336,507
INTEREST L-T DEBT	(183,592)	(184,104)	512	(1,289,928)	(1,288,726)	(1,202)
DEBT ISSUANCE COSTS	-	-	-	-	-	-
CARES GRANT FUNDING	-	-	-	(17,868)	-	(17,868)
<b>TOTAL MISC INCOME/EXPENSE</b>	<b>(167,639)</b>	<b>(182,117)</b>	<b>14,478</b>	<b>(924,080)</b>	<b>(1,273,019)</b>	<b>348,939</b>
<b>NET INCOME</b>	<b>111,875</b>	<b>317,010</b>	<b>(205,136)</b>	<b>927,437</b>	<b>748,976</b>	<b>178,462</b>

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 46402 through  
46520 and all electronic payments for this period are hereby approved for payment in the sum of  
\$2,144,430 this 18th day of August 2022.

\_\_\_\_\_  
Commissioner Korsmo

  
Commissioner Barton

  
Commissioner Rediske

  
General Manager

Check no.	Vendor Name	Payment Description	Amount
46402	Michael G Malaver, Trustee	Payroll Benefits (07/08/22)	825.00
46403	WA State Support Registry	Payroll Benefits (07/08/22)	195.50
46404	Backflows Northwest	(34) Backflow Tests - 1st Half of 6/22	850.00
46405	Barton, Gary	Reimbursement - WASWD Meeting	38.90
46406	Capital Heating and Cooling	Repaired AC-4 and AC-3 Unit	4,832.92
46407	Ceccanti	Pay App #10 - Scott Well Site/GAC Trmt	54,757.50
46408	Centurylink	Internet Svc - 2 Sites	167.93
46409	Cintas	Weekly Svc - 6/29/22	140.17
46410	City of Lakewood	2nd Quarter 2022 - Franchise Fee	114,299.63
46411	Commercial Office Interiors	Office Furniture - (3) Stand-up Desks/Cabinets	15,399.50
46412	Construction Testing Lab	6/22 - Office Yard Bldg	514.50
46413	Core & Main (HD Supply)	(10) Adapters, (24) Brs Bushings; (5) Saddles	3,930.28
46414	Custom Coating Consultants	Steilacoom Tank - Inspection	8,483.19
46415	Elmhurst Mutual Power & Light	WTME - Spanaway - Connect/Install Meter	2,199.08
46416	Eurofins Eaton Analytical, Inc.	5/22 and 6/22 - PFAS Sampling/Test	10,800.00
46417	Ferguson Waterworks	(1) 4" Omni Meter Register	379.34
46418	Grainger	150 ft. Transport Chain; (10) Nylon Ball Valves	1,421.35
46419	Gray and Osbourne, Inc.	Eng Svcs - R&R - Naomilawn, Newgrove - 6/22	2,347.38
46420	Harold LeMay Enterprises	6/22 - Shredding Bin	50.00
46421	Holroyd	1.23 Ton Gen Plant Wood Waste - Disposal	98.40
46422	K&D Services	Flagging Svcs - 9401 Judson St SW	527.52
46423	Kennedy/Jenks Consulting	Eng Svcs - 05/22 - Scotts GAC Trmt	16,015.74
46424	LASA	2nd Quarter 2022 - CAP Donations	1,813.50
46425	Lawson, Kyle	Uniform Reimbursement	175.97
46426	Lowes	(4) Shelf Brackets; Paint and Chains; Wood	157.34
46427	MB Electric LLC	Booster Pump - Troubleshoot; 3 Phase Starter	550.00
46428	Miles Resources	(3) Tons Cold Mix - Lexington St	435.86
46429	Mooses Auto Tech	Trk# 42 - Oil Change & Tire Replacement	1,182.19
46430	Pacific Groundwater Group	5/22 - Well Rehab Project & Abitibi Wtr Rights	988.75
46431	Pape & Sons Construction	Pay App #1 - Generator/Electrical - FEMA Grant	25,689.36
46432	Pierce County Sewer	Utility Svcs - 2 Sites	44.12
46433	Pro Call Center	6/22 - On-Call Svcs	282.73
46434	Pumptech, LLC	S-2 Pump and Motor; Pump Shelter	161,150.00
46435	Rainier Supply	150ft Wires; Terminal Blocks, Bushings, Fittings	1,149.09
46436	Seattle Ace	(38) Fasteners, (2) Adapters, Organizers	295.56
46437	Sprague Pest Solutions	6/22 - Pest Control Svcs	104.50
46438	TMG Services Inc.	(1) OSEC Manifold L-Series	1,237.50
46439	Town of Steilacoom	6/22 - Electric & Sewer	607.84
46440	Utilities Underground	(355) Locates	419.25
46441	Water Management Labs	(19) Total Coliform PA-3 Tests	399.00
46442	Lakewood Water District	Payroll Benefits (07/20/22) - Employee Fund	315.00
46443	Michael G Malaier, Trustee	Payroll Benefits (07/20/22)	825.00
46444	WA State Support Registry	Payroll Benefits (07/20/22)	195.50
46445	Airgas USA	(2) Acetylene Rentals	23.10
46446	American Landscape Svcs	6/22 - Landscaping Svcs	6,594.50
46447	Associated Petroleum (APP)	(450) Gals Unleaded Fuel	2,474.25
46448	Berschauer Construction	Pay App #3 - Steel Building - Office Yd	89,461.09
46449	Builders Exchange of WA	Publish Online Project - Spanaway WTME	95.45
46450	Caselle	8/22 Contract Support and Maint	3,547.50
46451	Ceccanti	Pay App #2 - Halcyon to Pac Hwy - 39th Ave Ph 4	83,940.64
46452	Centurylink	Utility Svc - 1 Site	110.98
46453	Chicago Title Insurance	Woodland Estates - Title Search	2,316.30
46454	Cintas	Weekly Svc - 7/6/22 and 7/13/22	332.04
46455	City of Lakewood	Pay App #7 - Gravelly Lk Dr - Wash - Nyanza	141,008.66
46456	Consolidated Press	2021 Annual Report - Printing	6,881.33
46457	Construction Testing Lab	6/22 - Office Yard Bldg	511.00
46458	Core & Main (HD Supply)	(8) Valve Extension Kits; (1) 6" Valve Stem	1,647.45
46459	Eco Clean Northwest	Hydrant Meter - Deposit Refund	135.00

46460	Eurofins Eaton Analytical, Inc.	5/22 - PFAS Sampling/Test	600.00
46461	Fastenal	(1) Drill Bit Set and (350) Hydration Packets	370.33
46462	Ferguson Waterworks	(2) Combo Air Valves; (2) Adapters	5,223.26
46463	HCON Inc.	Pay App #2 - R&R - 112th St SW - Pac Hwy	261,759.56
46464	Holroyd	1.93 Ton General Plant Wood Waste - Disposal	155.20
46465	Lakewood Hardware and Paint	(3) Adaptors; Trk #39 and #48 Misc Tools	343.40
46466	Lakewood Water District	Petty Cash - Replenishment	415.82
46467	National Barricade	(6) Detour Signs - End Detour	1,127.61
46468	Northwest Corrosion Eng.	Steilacoom Tank - Cathodic Protection	10,529.93
46469	Ogden Murphy Wallace, PLLC	5/22 Triangle Pump & Equipment	275.40
46470	Open Works	7/22 Janitorial Svcs	1,497.51
46471	Pitney Bowes	6/22 - Postage Meter Refill	1,020.99
46472	Pumpstech, LLC	S-1 Pump & Motor (Angle Lane)	149,365.71
46473	Rainier Supply	Reducers; Couplings; Bushings, etc.	680.00
46474	Robinson, Lucas	Uniform Reimbursement	50.19
46475	RW Scott	Retainage Release - Arrowhead Ph #3	49,825.40
46476	Seattle Ace	(3) Keys, Surge Protectors, (22) Fasteners	147.97
46477	Stronghold Armored Inc.	6/22 - Armored Truck Svcs	375.00
46478	Verizon Wireless	6/22 - SCADA Data Chgs	1,008.52
46479	Water Management Labs	(18) Total Coliform MMO-MUG; (15) P-A3 Tests	735.00
46480	Wyckoff, Kevin	Uniform Reimbursement	54.69
46481	Associated Petroleum (APP)	(350) Gals Unleaded; (100) Gal Diesel	2,409.73
46482	Centurylink	Utility Svcs - 4 Sites	313.40
46483	Cintas	Weekly Svcs - 7/20/22	191.87
46484	Confluence Engineer Group	6/22 - PFAS Response Program	4,136.00
46485	Core & Main (HD Supply)	Inventory - (12) Repair Clamps, (12) Couplings, etc	17,431.05
46486	Day Wireless Systems	6/22 Communication System - Radio Svc	636.41
46487	Dept. of L&I	2022 Right-to-Know Fee Assessment	80.00
46488	Ferguson Enterprises LLC	Diffuser, Hose, Adapter	916.56
46489	Ferguson Waterworks	(2) Bolt/Gasket Kits; (5) Romac Grip Sets, etc.	4,460.71
46490	Harold LeMay Enterprises	6/22 - Waste Disposal; Recycling Bin	855.39
46491	Holt Services	Pay App #3 - R-2 Well Drilling thru 5/22	81,648.00
46492	Key Bank	Safe Deposit Box Rental - 2022	101.25
46493	Lakewood Ford	Trk #51 - Recall & Oil Change	82.34
46494	Murraysmith	Eng Svcs - 6/22 - R&R - Lake Steilacoom Dr. Ph 2	4,181.50
46495	NAPA Auto Parts	Motor Oil	65.87
46496	Parametrix	Eng Svcs - R&R - 6/22 - 112th St - Pac Hwy	4,001.51
46497	Rainier Supply	(4) J Box; Flex Cond	391.82
46498	Water Management Labs	Iron & Manganese Testing; (19) Total Coliform	464.00
46499	Michael G Malaier, Trustee	Payroll Benefits (08/05/22)	825.00
46500	WA State Support Registry	Payroll Benefits (08/05/22)	195.50
46501	AWWA	Annual Dues - B. Levo	248.00
46502	Centurylink	Utility Svcs - 4 Sites	387.70
46503	Cintas	Weekly Svc - 7/27/22	191.87
46504	Edge Analytical, Inc.	(1) VOC (Volatile Organics) Test	378.00
46505	Farmer Brothers	(96) 3oz Bags Coffee	250.00
46506	Ferguson Enterprises LLC	Capital - Hydrant Meter	1,649.18
46507	Ferguson Waterworks	Inventory - (18) 1" iPerl Mtrs; (80) 5/8" iPerl Mtrs	19,311.60
46508	Grainger	(4) Steel Chrome Sockets; (2) Brass Valves, etc.	672.25
46509	Gray and Osbourne, Inc.	Eng Svcs - R&R - Naomilawn, Newgrove - 7/22	2,969.65
46510	HD Fowler	Inventory - CL 50 Pipes, Elbows, Tees, Valves, etc.	63,772.10
46511	Inslee Best Doezie & Ryder PS	Atty Svcs - General, Spanaway, Woodland Est, etc.	6,478.61
46512	Lakewood Hardware and Paint	(27) Single Cut Keys; (1) Split Key Ring	80.99
46513	Marten Law	6/22 - PFAS Services	42,067.64
46514	Rainier Supply	(3) Type 3 Flexible Conduits; (1) Ballast	440.87
46515	Seattle Ace	Extension Cord (BPS); Stain Brush; Sprinkler	124.85
46516	Sitts & Hill Engineers	Woodland Estates - 92nd St Easement	812.16
46517	Sprague Pest Solutions	7/22 - Pest Control Svcs	104.50
46518	Town of Steilacoom	7/22 - Electric and Sewer	311.79
46519	US Geological Survey	10/21-9/22 - Fleet and Chambers Creek	6,918.33
46520	Water Management Labs	(4) Nitrate Nitrogen Tests	120.00

**Sub-Total**

**1,531,610.67**

July Payroll

**186,243.44**

July Payroll Taxes (PMT #561 and #570)

**69,215.26**

**Date**

**Other Electronic Payment**

07/07/22	PMT #562 - WA Deferred Comp	3,502.75
07/07/22	PMT #563 - WA PERS	22,296.40
07/12/22	PMT #564 - CEP Enterprises	7,277.00
07/12/22	PMT #565 - RH2 Engineering	29,890.35
07/12/22	PMT #566 - Sir Speedy	16,618.16
07/19/22	PMT #567 - Aflac	365.57

07/20/22	PMT #568 - WA Deferred Comp	3,502.75	
07/19/22	PMT #569 - Delta Dental	3,778.30	
07/19/22	PMT #571 - Principal	2,782.85	
07/19/22	PMT #572 - Regence Medical Ins.	54,120.74	
07/20/22	PMT #573 - WA PERS	22,001.90	
07/20/22	PMT #574 - EmGovPower	500.00	
07/20/22	PMT #575 - RH2 Engineering	564.78	
07/20/22	PMT #576 - Sir Speedy	1,590.38	
07/28/22	PMT #577 - RH2 Engineering	4,050.90	
07/28/22	PMT #578 - Sir Speedy	1,784.66	
	B&O Tax	42,140.22	
	Key Bank Analysis Svc Charge (JUL)	2,114.72	
	US Bank CC (Less Power)	46,590.51	
	US Bank CC Power Costs	83,989.27	
	Paymentech/Merchant Fees (JUL)	4,432.51	
	Xpress Bill Pay Fee (JUL)	3,465.80	
			<b>357,360.52</b>
	<b>GRAND TOTAL</b>		<b><u>2,144,429.89</u></b>



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

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**OPERATIONS**

**Work ORDERS & PM's**

275 Billing/Office Field Service Orders  
00 Field Service Orders  
00 Fleet Service Orders  
275 Total Service Orders

**DELINQUENT ACCOUNTS – Teri**

82 Delinquent Accounts  
18 Paid on Door Hangers or on Disconnect  
64 Services Disconnected  
63 Paid on Disconnect  
1 Remained Disconnected at the end of the month

**LOCATES- Debbie**

310 Locate Requests Received  
24 Requests were out of LWD Service Area  
00 Locates were submitted by LWD  
02 Cancelled Locates  
284 Locates Completed  
284 Total amounts owed

**BACKFLOW- Shaun J.**

337 Assemblies Tested  
00 New Applications  
00 New Installations Shaun  
00 Assemblies Replaced – Shaun  
19 Repairs- Shaun  
00 Removals –Shaun  
4624 Existing installations permitted - Shaun  
318 Test Reports Completed & Entered - Shaun

**Right of Way Permit: 0**

## Water Availability Letters: 13

Date Paid	Name	Address	Date Completed	Type
7/5/2022	THERAPUTIC ASSOC PHY TRPY	10011 BRIDGEPORT WAY SW STE 700	7/15/22	C/REMODEL
7/15/2022	McDONALDS REMODEL	8201 STEILACOOM BLVD SW	7/18/22	C/REMODEL
7/15/2022	PROPOSED SHORT PLAT	11811 TOMAHAWK RD SW	7/18/22	SHORT PLAT
7/13/2022	NYANZA PARK SFR REMODEL	12309 GLENWOOD AVE SW	7/18/22	R/REMODEL
7/18/2022	QUINCY ALLEN/QBM LLC	9101 GRAMERCY PL SW	7/21/22	R/NEW CONST
7/18/2022	D. BARTLETT -MOMENTUM	12527 BRIDGEPORT WAY SW	7/21/22	C/SHORT PLAT
7/15/2022	JARED WILLIAMS	8726 105TH ST CT SW	7/26/22	R/NEW ADD
7/20/2022	KINGS KITCHEN	11104 GRAVELLY LK DR SW	7/27/22	C/TI
7/25/2022	VETERANS DR PROJECT	8142 VETERANS DR SW	7/27/22	R/NEW CONST
7/25/2022	VETERANS DR PROJECT	8150 VETERANS DR SW	7/27/22	R/NEW CONST
7/25/2022	VETERANS DR PROJECT	8158 VETERANS DR SW	7/27/22	R/NEW CONST
7/25/2022	VETERANS DR PROJECT	8166 VETERANS DR SW	7/27/22	R/NEW CONST
7/29/2022	NEW RESIDENCE	12619 1/2 GRAVELLY LK DR SW		R/NEW CONST

### MAINTENANCE

Bobby Gaskin – Department Head

### NEW SERVICES:

Started on Idlewild 4" water main for 5 -1"x 5/8" water services

### MAINS MAINTENANCE

Phillips Road City Project – Replaced and lowered 80' 6" water main  
Farwest Dr / 112<sup>th</sup> St – 8" & 6" AC water mains replace

### JOBS

None to report this month

### SERVICE MAINTENANCE

None to report this month

### VALVE MAINT.

None to report this month

### VALVE OPERATION CHECKS

None to report this month

### HYDRANT MAINTENANCE

37HV31 Hit by car – Repaired broken hydrant safety flange @ 5618 Lakewood Towne Center Blvd SW - No accident report

55HV17 Hit by car- Repaired broken hydrant safety flange and cleaned out debris out of hydrant barrel and replace cracked hydrant bonnet @ 12715 Bridgeport Way SW – No accident report

25HV17 Hit by car - Repaired broken hydrant safety flange @ NW corner of Gravelly Lk. DR. SW & Alfaretta St. SW – No accident report

**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**

None to report this month

**GROUND MAINT.**

- Haul away waste materials
- Cleaned out maintenance bays
- Install new storage shelves in meter shop
- Straighten up parts room
- Remove Ian's old office furniture and replace with new

**CITY FRANCHISE PROJECTS**

None to report this month

**OPEN METER BOX CHECKS**

194 for this month

**TRAINING:**

None to report this month

**CAPITAL & R & R PROJECTS – Operations Manager Projects**

**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 then 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 2<sup>nd</sup> 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.**

## **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 18<sup>th</sup>. WE did get Immediate Use and Possession on the 1<sup>st</sup> 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 23<sup>rd</sup>. for approval on the 30<sup>th</sup>. 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 3<sup>rd</sup> of November. We have sent them a notice to cure this default dated the 7<sup>th</sup>. 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.**



### **39<sup>th</sup> 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 39<sup>th</sup> 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 110<sup>th</sup> 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.

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.

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 3<sup>rd</sup> 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.**

### **112<sup>th</sup> 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 1<sup>st</sup> 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



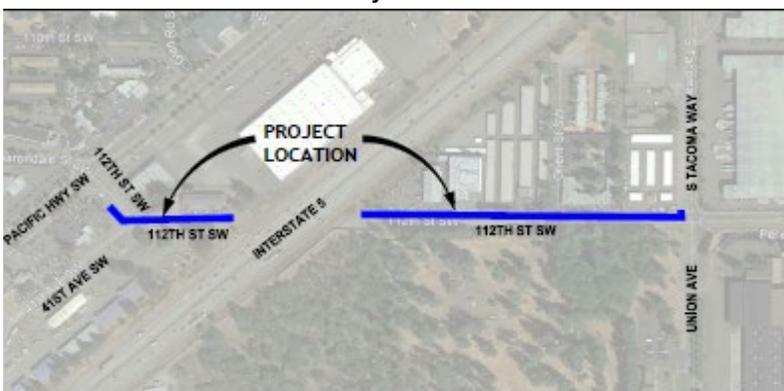
the legal review, they were low by a significant margin, so we did ask to make sure they were good with their number, and they assured me they were. The award letter was sent out Friday of last week and they have received it, but we have not received it back at this time. This project will be waiting on materials to arrive which were procured through Ferguson water works on the 10<sup>th</sup> 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 Ferguson 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 14<sup>th</sup>. 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.**

### **112<sup>th</sup> Street from Pacific to South Tacoma Way**

## **LWD Steel Building Project #0806:**

This project is set to break ground on the 9<sup>th</sup> 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 24<sup>th</sup>.

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.

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.

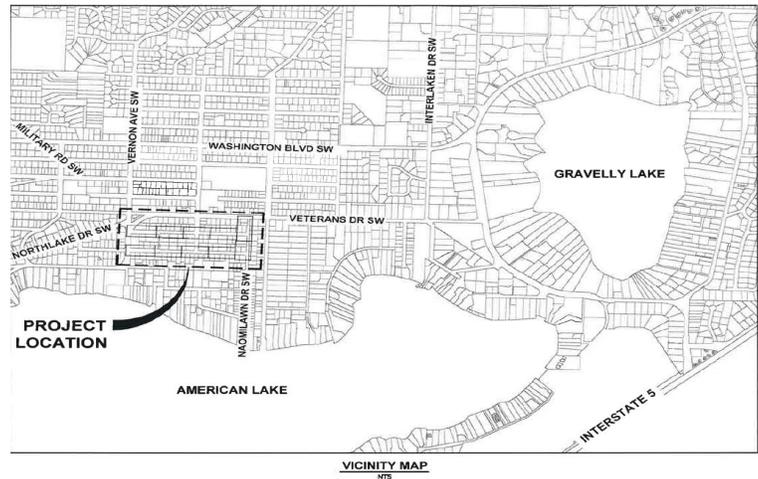


**8-8-2022: Some issues have arisen with the building package being incomplete the supplier is sending the missing components, but the delays are mounting. Work should resume early this week and we anticipate everything being complete but for the doors in less than 30 days.**

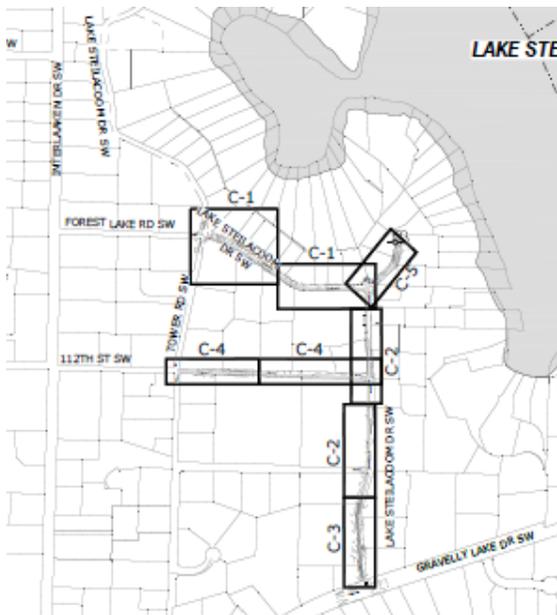
## **Naomi Lawn, New Grove, Highland Water Main Replacement Job (719)**

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 16<sup>th</sup> and hopefully awarded on the 18<sup>th</sup> 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.



## **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 17<sup>th</sup> of August and hoping to award on the 18<sup>th</sup> 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.



## Engineering Manager's Report

August 18, 2022

Board of Commissioners Meeting

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### Pumping Operations

#### 1. Production/Demands

- a. Pumping continues at about 18 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 are nearing completion of transition to the new computerized work order management system. This system will help us more easily be able to plan and track maintenance and repair activities, equipment condition and costs going forward.
- 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 regarding the grant funds we've received for two new groundwater wells to help offset the sources impacted by PFAS. The funds will be administered through the EPA, who is still setting up their guidelines and processes for administering the funds. They anticipate having those in place this fall and then be able to start the contracting process.
- b. The N-1 replacement motor was installed. 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.

#### 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.

#### 5. Equipment out of service

- a. We are working with the supplier to pull the N-3 pump and motor and diagnose the 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 request for bids for the evaluation of the old Abitibi Mill wells has been sent out to eight contractors. Bids are due on September 1<sup>st</sup>. We anticipate the duration of the work to take up to 2 months if any well development work is required. The start time will depend on the availability of well drillers.

## 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. A good solution was developed through work with the painters, our special inspector and the paint manufacturer.



Foundation rebar on tank exterior.



Tank exterior with shell Stiffeners around exterior.



Tank exterior with exterior primer in progress.

### 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 the Fall of 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. The City Council continue to review options for the ARPA funds, extending beyond their initial timeline. At the City Council's May retreat they decided to develop a request for proposals for the funding. They will be developing language describing what types of projects they are looking for and the scoring criteria for proposals. This will continue to extend the timeline. Once available, we will review the guidelines and determine if our proposal meets the new requirements from the City and adjust and resubmit where warranted. Our current funding request to the City is for a new well at the hospital campus.
- 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. We are anticipating bids for this project to be received on September 1<sup>st</sup>, then to work with the selected contractor to schedule the actual evaluation.

## **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. We anticipate funding applications to open up in September.
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 Copper 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 remains to be completed.



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

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**No Tenant Sign-Up Update**

The District mailed out a postcard on August 5, 2022, to all customers notifying them of the No Tenant process that was approved by the Board on July 21, 2022, which will go into effect starting September 5, 2022. This postcard directed anyone who had questions to refer to our website which contain some FAQ's and their answers.

As of the time of this report, Wednesday, August 10, 2022, the office had received approximately 60 calls regarding this postcard. Most of the calls were non-housing providers inquiring why they received this postcard. The calls from housing providers were focused mostly on how this would affect their rentals. Twelve of these calls were from unhappy housing providers who did not agree with this new process, so roughly a little over 10 percent of the calls received were negative. There was one customer who requested through our public disclosure request, a copy of the Board Meeting minutes where this proposal was discussed.

The office staff is preparing to begin this process starting September 5, 2022 and is currently working on a policy and duplicate billing form for those housing providers who want their tenants to receive a copy of the bill.

Staff is adjusting to the new changes of having one less customer service representative. Otherwise, I have nothing else new to report.



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

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## **CYBER SECURITY UPDATE**

There are no Cyber Security Issues to report.

- All Penetration Testing results for July came back with zero findings.
- The July Spam testing campaign resulted in 1 employee clicking on the test link. The employee completed additional Cyber Security training.
- 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**

### **A. 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 then will focus on the Caselle Integration. District inspectors has begun using elements for their inspection work orders, and field staff have been trained on fleet work orders. I would like to give a big shout-out to the field staff who have really embraced this migration and invested the effort required to make it successful.

### **B. 5G Data to Remote Sites**

In May of 2022, we began testing Cradlepoint 5G modems to provide data connections to remote sites. This was initially 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 be installed using the 5G solution.

### **C. Remote Site Security**

New security cameras and access control systems have been installed at the Hemlock, 112<sup>th</sup>, 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 agreement with Dish networks on the former Sprint locations at the Steilacoom, Washington, and Grant Avenue sites. I expect final contracts back from Inslee Best within the next week. Dish may also have some interest in the Oakbrook site as well.

**LAKWOOD WATER DISTRICT  
SUMMARY WATER PUMPED vs WATER SOLD**

	2022				2021				2020			
Month	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	-	-	-	0.00%	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%
<b>TOTAL</b>	<b>329,564,229</b>	<b>265,391,524</b>	<b>64,172,706</b>	<b>19.47%</b>	<b>648,843,471</b>	<b>599,494,574</b>	<b>49,348,897</b>	<b>7.61%</b>	<b>609,746,718</b>	<b>563,563,163</b>	<b>46,183,556</b>	<b>7.57%</b>
Net loss (WER)			62,809,786	19.06%			47,985,977	7.40%			44,820,636	7.35%
	<b>2021 YTD</b>	<b>373,748,831</b>	<b>303,722,719</b>	<b>70,026,111</b>	<b>18.74%</b>							
	<b>2020 YTD</b>	<b>338,305,735</b>	<b>273,239,364</b>	<b>65,066,371</b>	<b>19.23%</b>							

**Total Number of Customers Billed**

	<b>2022</b>	BI-MONTHLY	<b>2021</b>	BI-MONTHLY	<b>2020</b>	BI-MONTHLY	<b>2019</b>	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		7937	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
<b>BILLS YTD:</b>		<b>57040</b>		<b>56413</b>		<b>56450</b>		<b>56742</b>
<b>YEARLY TOTAL:</b>		<b>57040</b>		<b>97358</b>		<b>97671</b>		<b>97547</b>

**CUBIC FEET SOLD PER CLASS  
2022**

	fire Mtr	commercial	multi units	residential	schools	Parks /Irrigation	school swim pool						WHSL	TOTAL
	FM/MISC	1C/CR	MUR	1R	1S/1S2	1PK	1SP	TOTAL INTERNAL	STEILACOOM	SUMMIT	WA WATER	FIRGROVE	SUBTOTAL	CU FT SOLD
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							-	-						
September							-	-						
October							-	-						
November							-	-						
December							-	-						
<b>Total YTD</b>	<b>1,000</b>	<b>18,634,800</b>	<b>51,300,800</b>	<b>61,208,300</b>	<b>1,958,900</b>	<b>1,953,900</b>	<b>-</b>	<b>135,057,700</b>	<b>14,884,151</b>	<b>33,126,587</b>	<b>49,701,510</b>	<b>32,621,575</b>	<b>130,333,824</b>	<b>265,391,524</b>

<b>2021 YTD</b>	<b>156,447,000</b>	<b>18,234,682</b>	<b>46,509,424</b>	<b>42,334,314</b>	<b>40,197,300</b>	<b>147,275,719</b>
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<b>2020 YTD</b>	<b>141,411,300</b>	<b>20,029,240</b>	<b>34,314,129</b>	<b>31,933,030</b>	<b>45,551,664</b>	<b>131,828,064</b>
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vs 2021	<b>86.33%</b>	<b>81.63%</b>	<b>71.23%</b>	<b>117.40%</b>	<b>81.15%</b>	<b>88.50%</b>
vs 2020	<b>95.51%</b>	<b>74.31%</b>	<b>96.54%</b>	<b>155.64%</b>	<b>71.61%</b>	<b>98.87%</b>