



Regular Meeting Board of Commissioners

Thursday, April 21, 2022 - 3:30PM

In Person & Virtual Meeting via Microsoft Teams

Pre-Agenda

1. Call to Order
2. Attendance
3. Public Comment
4. Executive Session per RCW 42.30.110(1)(i) to Discuss with Legal Counsel Litigation or Potential Litigation.
5. Personnel Issues - Executive Session under RCW 42.30.110 section 1(f)
6. Cross Connection Control Complaint – Norm Connor
 - a. Backflow testing administrative costs.
7. [Approval of Meeting Minutes from March 17, 2022 - Regular Meeting & Approval of Special Meeting Minutes from March 21, 2022.](#)
8. [Finance Manager's Report \(March 2022\)](#)
 - a. [Board Approval of Payables](#)
9. Woodland Estate Meeting Report
10. [General Manager's Report](#)
11. [Operations Manager's Report](#)
12. [Engineering Manager's Report](#)
13. Office Manager Report
14. Other Business
 - a. Acknowledgment of Employee Wages Increases
 - b. Government Relations Committee Report – Commissioner Barton
 - c. Water Week (5/1-5/7) Proclamation acceptance May 2, 2022 – City of Lakewood
 - d. Next Regular Board of Commissioners Meeting is May 19, 2022 @ 3:30 PM
15. Public Comment
16. Adjourn



**LAKEWOOD WATER DISTRICT
BOARD OF COMMISSIONERS
Minutes of Regular Meeting
March 17, 2022
Boardroom & Via Microsoft Teams**

1. CALL MEETING TO ORDER

President Korsmo called the Regular Meeting to order at 3:32 PM.

Present at the meeting: Commissioners J. Korsmo; G. Rediske and G. Barton; General Manager R. Black; Engineering Manager M. Meyer; Operations Manager I. Black; Finance Manager P. Mendoza; Office Manager T. MacDougall; IT Manager C. Fast; HR Analyst B. Levo; Administrative Assistant J. Clark; Curtis Chambers, Inslee Best (Teams)

2. PUBLIC COMMENT:

None.

3. COMMISSIONER COMMENT:

Commissioner Korsmo commended the District staff for their hard work to keep everything running smoothly during these past two years for our customers and the city of Lakewood.

4. WOODLAND ESTATES

General Manager Black shared some background information regarding the Woodland Estates with the Commissioners. The property was purchased in 1969 developed initially as duplexes, and since around 1997, the owner started to short plat and sell the units to individual owners. There is only one meter for all twenty-two properties, and the single owner who receives the water bill then informs all the other owners what their portion of the bill is. Each owner then calls in to pay their bill. Mr. Black shared it has been this way for at least 19 years per Ms. MacDougall.

The District will be reviewing the different cost options to install meters on each property, and the District is planning a meeting to invite the property owners to speak with staff and commissioners regarding the process and the cost of installing new lines and meters. There are currently 2" pipes, and they need to be 6" pipes, and there need to be more hydrants on site for safety.

Staff will schedule a meeting with the property owners for the third week of April. More information will be shared as it becomes available.

5. APPROVAL OF MEETING MINUTES:

COMMISSIONER REDISKE MOVED TO APPROVE THE MINUTES OF THE FEBRUARY 17, 2022, MEETING. COMMISSIONER BARTON SECONDED THE MOTION. MOTION PASSED UNANIMOUSLY.

6. FINANCIAL INFORMATION:

The Finance Manager Philip Medoza presented the February 2022 financials to the Board. He shared that in February 2022, retail sales 2.6% higher than budgeted but 2.47% lower than budgeted YTD. Operating revenue is 6.87% lower than budgeted, and 4.47% lower than TYD. Pumping operations is 14.03% lower than budget and 8.97% under budget. Water Treatment operations is 34.62% under budget, and 23.27% under budget YTD. Transmission and Distribution operations is 8.49% under budget, and 8.89% under budget YTD. Total operating expense is 9.46% under budget, and 4.90% under budget YTD.

a. Approval of Payables

Disbursements made from the General Ledger Fund for check number 44873 through 44945 totaling \$1,466,519.24, salary direct deposits totaling \$191,966, payroll taxes totaling \$70,852.31, and other electronic payments totaling \$186,633.06, for a total of \$1,915,970.61 were presented to the Board for approval.

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

7. BOARD APPROVAL OF UPDATED EMPLOYEE GUIDELINES

Ms. Briana Levo, HR Analyst, shared the updates to the Employee Guidelines with the Commissioners. Some of the changes were: telecommuting policies, employment practices, performance evaluations, workweek, pay frequency, timesheets, alternative work schedules, flex-time policy, compensation, vacation, holidays, and the leave donation program.

Commissioners liked all the updates and the new employee guidelines being informative and easy to read. Commissioner Rediske asked a question regarding the anniversary appreciation gift amounts. Are they necessary? Too much? Too little? Mr. Black shared District has given staff appreciation gifts for the last 25 years. Mr. Black and Ms. Levo will ask some of the other water districts what their practices are regarding anniversary gifts for staff with 10, 15, 20, 25 + years of service and report back to the Commission.

8. GENERAL MANAGER REPORT

General Manager Randall Black and Tom Pors had a meeting with the owners of the Abitibi property to discuss the parameters for the Right of Way Entry agreement (ROE). The owners will be responsible for decommissioning any wells and will need to make that decision quickly. Mr. Black shared a list with the property owners of twenty-three items for them to follow when reviewing the wells.

The Garrison Creek is partially covered, and owners would like to reopen it. There are five wells on-site, and they may be able to have one of the wells flow into the creek but, will require a permit. Currently there are no designs in place regarding the creek, and with well drillers being busy this time of year, it might be fall before we find out anything. More information will be provided at the April 2022 meeting.

Mr. Black provided the latest updates with the House Bills, a majority of them did not pass, and there are no real implications for the District.

7. OPERATIONS REPORT

Mr. Ian Black, Operations Manager, shared the bid for the Steel Building Job #806 closed. A total of four (4) bids were received, the highest bid was \$615,780, and the lowest was \$334,781.07 from Berschauer Construction Inc. The District would like to award the project to the lowest bidder.

COMMISSIONER BARTON MOVED TO APPROVE THE BID AWARD OF THE STEEL BUILDING JOB #806 TO BERSCHAUER CONSTRUCTION INC. IN THE AMOUNT OF \$334,781.07. SECOND BY COMMISSIONER REDISKE. MOTION PASSED UNANIMOUSLY.

The City of Lakewood bid for JBLM North Access Improvement Project – Phase 2 (Washington Blvd Interlaaken to North Fort Phase 2 Job #770) closed on March 1, 2022. They will award the bid to R.L. Alia Company at their March 21, 2022 meeting. We are asking the Board to accept the bid award from the City of Lakewood.

The Board accepts the bid award from the City of Lakewood to R.L. Alia Company.

Mr. Black shared the District would like to start bidding on projects at the beginning of July/August 2022 for projects that would start in January/February 2023. This will allow the contractors to order and receive the supply before the project starts at a lower cost and prevent delays. No funds will be drawn down until 2023, when the projects start.

The Board supports this process.

8. ENGINEERING MANAGER'S REPORT

Mr. Meyer, Engineering Manager, shared the Scotts Well is coming along; they are currently working on the treatment and electrical equipment. R-2 Well drilling is down to 535 ft deep and into the target aquifer. When the drilling is done, the well should be around 600 ft.

The bid closed for Emergency Generators and Well Improvements on February 9, 2022. We received five bids, and due to the project's costs, we are proposing to award the base bid for Washington Blvd, 104th St/Bridgeport, and Forster BPS in addition to Additive #1 Steilacoom Blvd. and Additive #3 Country Place and hold off on Additive #3 112th Street until we find out the size of the generators.

Total of \$1,361,365 + 136,136.50 (sales tax) total \$1497,795.50. FEMA is contributing \$800,000 and we have asked for additional funding from FEMA, we should hear back soon.

COMMISSIONER REDISKE MOVED TO APPROVE THE BASE BID, PLUS ADDITIVES #1 AND #3. SECOND BY COMMISSIONER BARTON. MOTION PASSED UNANIMOUSLY.

9. OFFICE MANAGER REPORT

a. Elimination of Tenant Accounts

Mr. Black provided a recap from the last meeting and introduced Ms. Teri MacDougall and Ms. Amber Dickens. Ms. MacDougall and Ms. Dickens reviewed their PowerPoint and shared key points regarding the Impact, Pros and Cons, and Time/Money Savings. The Impact and Pros are better time management, more control over customer accounts, improved record organization, and the Con is possible pushback from landlords.

Time/Money Savings: For every tenant move-in/move-out, the average time spent per customer is approximately 45 minutes between the customer service rep, billing department, and field techs. This would help eliminate the extra time spent on the move-in and move-outs. With the property owner being the primary account holder, the set-up is a one-time process. The tenant can ask to receive a copy of the bill, and the landlord and tenant can decide how the bill will be paid.

Current tenants will be grandfathered in and will not need to make any changes to their accounts. The proposed changes will start with all new move-in accounts.

Implementation timeline:

- May – District host an open house
- June – Final recommendation
- July – Notify landlords of the new policy change
- August – Policy change takes effect
- April 2023 – Report on policy change

After having some additional conversations, the Commissioners agreed and think this is a great idea and look forward to hearing feedback from the open house.

10. Other Business:

- a. The Board acknowledged wage increases as presented.
- b. Commissioner Barton presented information regarding the latest Government Relations Committee meeting. The Health Department will be hosting a PFAS forum, and Commissioner Barton highly encourages staff to be there at the meetings to represent the District.
- c. Our next Commissioner's meeting will be on May 21, 2022, at 3:30 PM.

14. PUBLIC COMMENT

None.

15. ADJOURN

President Korsmo adjourned the meeting at 5:41 PM.

LAKWOOD WATER DISTRICT
BOARD OF COMMISSIONERS

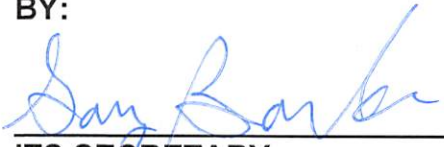
BY:


ITS PRESIDENT

BY:


ITS VICE PRESIDENT

BY:


ITS SECRETARY

ATTEST:

 4/21/22
DISTRICT SECRETARY (DATE)



**LAKESWOOD WATER DISTRICT
BOARD OF COMMISSIONERS
Minutes of Special Meeting
March 21, 2022
Boardroom & Teams**

1. CALL MEETING TO ORDER

President Korsmo called the Special Meeting to order at 8:31 AM.

Present at the meeting: Commissioners J. Korsmo Jr (Teams); G. Rediske and G. Barton; General Manager R. Black; Engineering Manager M. Meyer; Operations Manager I. Black; IT Manager C. Fast; Administrative Assistant J. Clark; Curtis Chambers, Inslee Best (Teams)

2. PUBLIC COMMENT:

None.

3. EXECUTIVE SESSION:

Executive Session per RCW 42.30.110(1)(i) to Discuss with Legal Counsel Litigation or Potential Litigation.

Called to order at 8:32 AM meeting until 8:45 AM, Commissioner Korsmo extended the meeting another five minutes until 8:50 AM.

Executive Session closed at 8:50 AM

4. OTHER BUSINESS:

- a. Mr. Black shared that Senator Murray was able to secure \$2.2 million for the replacement wells R2 & F4.
- b. Mr. Meyer shared FEMA notified the District they have approved \$473,875 to help offset the shortage of the Generator, Electrical and Seismic Improvements.

14. PUBLIC COMMENT

None.

15. ADJOURN

Vice President Rediske adjourned the meeting at 8:57 AM.

LAKWOOD WATER DISTRICT
BOARD OF COMMISSIONERS

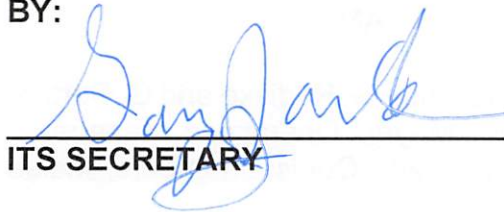
BY:


ITS PRESIDENT

BY:


ITS VICE PRESIDENT

BY:


ITS SECRETARY

ATTEST:

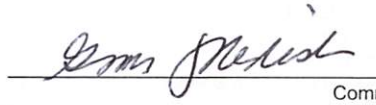
 4/21/22
DISTRICT SECRETARY (DATE)

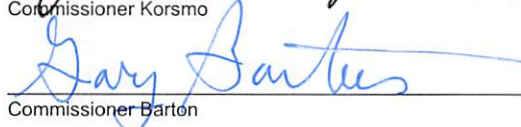
**LAKEWOOD WATER DISTRICT
2022
INCOME STATEMENT**

MARCH	CUR MO	CUR MO	CUR MO	Y-T-D	Y-T-D	Y-T-D
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE
SALE OF WATER	582,429	565,660	16,769	1,857,804	1,853,962	3,842
OTHER OPERATING REVENUE	80,054	81,725	(1,671)	257,050	245,243	11,807
WHOLESALE WATER SALES	352,737	380,306	(27,570)	1,058,547	1,140,919	(82,373)
TOTAL OPERATING REVENUE	1,015,219	1,027,691	(12,472)	3,173,401	3,240,125	(66,723)
OPERATING EXPENSE						
PUMPING	87,080	95,335	(8,255)	268,926	270,248	(1,323)
WATER TREATMENT	30,575	40,247	(9,671)	92,335	120,740	(28,405)
TRANSMISSION & DISTRIBUTION	74,898	90,084	(15,186)	239,049	270,251	(31,202)
CUSTOMER ACCOUNTS	61,331	71,742	(10,411)	189,854	215,227	(25,373)
CUSTOMER INFORMATION	106	1,612	(1,507)	106	3,225	(3,119)
ADMINISTRATIVE & GENERAL	192,798	178,611	14,188	603,039	567,832	35,207
TOTAL OPERATING EXPENSE	446,788	477,630	(30,842)	1,393,307	1,447,522	(54,215)
MAINTENANCE EXPENSE						
SOURCE OF SUPPLY	2,306	2,299	7	7,511	6,897	614
PUMPING	16,076	21,542	(5,466)	63,625	64,627	(1,002)
WATER TREATMENT	18,357	16,989	1,368	56,738	50,968	5,770
TRANSMISSION & DISTRIBUTION	68,107	103,311	(35,204)	241,832	309,934	(68,102)
ADMINISTRATIVE & GENERAL	31,827	24,545	7,283	95,361	73,634	21,728
SUB-TOTAL	136,675	168,687	(32,012)	465,068	506,060	(40,992)
DEPRECIATION EXPENSE	226,083	226,083	(0)	678,249	678,250	(1)
UTILITY EXCISE TAXES	39,195	33,734	5,461	100,434	110,210	(9,776)
TOTAL MAINTENANCE EXPENSE	401,953	428,504	(26,551)	1,243,751	1,294,520	(50,769)
TOTAL OPERATING & MAINT EXPENSE	848,741	906,134	(57,393)	2,637,058	2,742,041	(104,984)
NET OPERATING REVENUE	166,479	121,557	44,922	536,344	498,084	38,260
GAIN (LOSS) ON DISP. OF PROPERTY	4,899	-	4,899	5,837	-	5,837
RENTAL OR LEASE INCOME	200	1,087	(887)	2,010	3,260	(1,250)
INTEREST INCOME	2,780	1,200	1,580	5,131	3,600	1,531
INTEREST L-T DEBT	(184,537)	(184,104)	(433)	(553,611)	(552,311)	(1,300)
DEBT ISSUANCE COSTS	-	-	-	-	-	-
CARES GRANT FUNDING	-	-	-	2,181	-	2,181
TOTAL MISC INCOME/EXPENSE	(176,658)	(181,817)	5,159	(538,452)	(545,451)	6,999
NET INCOME	(10,179)	(60,260)	50,081	(2,108)	(47,367)	45,259

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 44946 through
45076 and all electronic payments for this period are hereby approved for payment in the sum of
\$2,516,725.91 this 21st day of April 2022.


Commissioner Korsmo


Commissioner Rediske


Commissioner Barton

General Manager

Check no.	Vendor Name	Payment Description	Amount
44946	American Landscape Svc	Site Clean-Up - Village Green Mobile Home Park	1,809.48
44947	Archive Social Inc.	1 Year License - Social Medica Archiving Software	2,988.00
44948	Bosma, Samuel	Uniform Reimbursement	45.59
44949	Ceccanti Inc.	Pay App #7 - Scotts Well Site Treatment	361,705.76
44950	CenturyLink	2 Sites - Internet Svc.	167.93
44951	Cintas	(2) Weekly Service	499.74
44952	Classy Chassis	Truck#51 - Car Wash	10.00
44953	Core & Main (HD Supply)	Inventory Items - (1) MJ x FLG Tee; (5) Corp Stops	2,036.18
44954	Ferguson Waterworks	(5) Granulated Chlorine; (5) Tracing Wire	780.10
44955	Holroyd	(35) Yd. Crushed Rock; Wood	1,029.03
44956	Kuker-Rankin	(1) White Traffic Paint - Parking Lot	52.99
44957	Legacy Tapping	Paid Job - 10 x 8 Hot Tap on AC (Austin Court)	5,131.50
44958	Lowe's	Wood R-2 Well Project, Nuts & Bolts, Propane, Cords	558.88
44959	Marten Law	12/2021 to 2/2022 - PFAS Services	81,976.91
44960	McClains Soil Supply	Dump Fee - Yard Spoils	320.00
44961	MultiCare Center	(1) Breath Test	54.00
44962	Murray, Smith & Assoc.	Engineering - Lake Steilacoom Dr. Ph 2 Main Repl	2,736.50
44963	Open Works	3/2022 - Janitorial Services	3,075.00
44964	Pape Machinery	(10) Tiger Tooth Bucket - 10 Pins	234.19
44965	Pape Machinery	(1) Day Rental 450k Dozer	1,071.14
44966	Pierce County Sewer	2 Sites - Utility Svcs	44.12
44967	Pitney Bowes	Postage Meter Refill	1,020.99
44968	Pro Call Center	2/2022 - After Hrs On-Call Svcs	169.31
44969	Rainier Supply	(4) Lighting Fixtures; (4) LED Bulbs, etc.	224.56
44970	Seattle Ace	(1) Ethernet Cable, Hose Adapters, Washers, Tapes	106.19
44971	Stronghold Armored Inc.	02/2022 - Armored Truck Svc	335.00
44972	Thomas M Pors, Law Offices of	02/2022 - Abitibi Water Rights	2,065.00
44973	TMG Services	Ponders - Motor Starter Troubleshoot	1,049.40
44974	Tveten's Auto Tech	Trucks #31, #49, #47, #48 - Oil Change	269.83
44975	Utilities Underground	(282) Locates - 02/2022	727.56
44976	Water Management Labs	(1) Manganese Test; (51) Coliform Tests	1,180.00
44978	Airgas USA	(2) Acetylene	19.10
44979	Associated Petroleum Products	(400) Gals Unleaded; (200) Gals Diesel	2,625.84
44980	CenturyLink	1 Site - Internet Svc	110.98
44981	Cintas	3/9/22 - Weekly Svc	249.87
44982	Fastenal Company	(3) Ear Muffs; (30) Bolds, Drill Bits, Marking Paint	539.94
44983	Ferguson Waterworks	Materials Purchase - R&R - 112th St Main Repl	117,115.09
44984	Grainger	(1) Double Ck Valve Assembly; (1) Air Release Vlv, etc.	1,300.79
44985	Guardian Security Systems	3/2022 - Cloud Storage - Multiple Sites	2,046.54
44986	Holt Services	S-2 Angle Lane - Camera and Materials Purchase	47,877.50
44987	Legacy Group	Carpet Install - Board Room and Office	4,492.32
44988	McClatchy Company	Advertising - Steel Bldg for 11900 Gravelly Lk Dr Office	1,058.77
44989	Michelle Kohler	Reimbursement for Ink	65.63
44990	NW Cascade	Hydrant Meter Deposit - Refund	10.00
44991	OSG Construction	Hydrant Meter Deposit - Refund	15.00
44992	Pierce County Auditor	Claim of Lien - Record Fees	39.00
44993	Poe Construction	Hydrant Meter Deposit - Refund	10.00
44994	Pro Pest Control	3/2022 Refill Baited Stations	104.50
44995	Rainier Supply	(4) LED bulbs; (1) Cable Cutter; (3) Door Switch	677.95
44996	Sound Transit	BNSF Permit #71428 and #84701	2,000.00
44997	AFLAC	March Payroll - 3/18/22	474.25
44998	Committee for Deferred Comp	March Payroll - 3/18/22	3,475.75
44999	Delta Dental of Washington	March Payroll - 3/18/22	4,009.05
45000	VOIDED	Misprinted Check	-
45001	Lakewood Water District	March Payroll - 3/18/22	330.00
45002	Michael G Malaier	March Payroll - 3/18/22	825.00
45003	Principal Life Insurance Co	March Payroll - 3/18/22	2,798.63
45004	Regence	March Payroll - 3/18/22	57,015.21
45005	WA Public Employees Ret.	March Payroll - 3/18/22	11,076.19
45006	WA State Support Reg.	March Payroll - 3/18/22	195.50
45007	American Landscape Svc	03/2022 Landscaping Svc - Multiple Sites	6,594.50

45008	Bailey & Sons Spraying Inc.	Insect Control - Trees & Shrubs - Multiple Sites	781.00
45009	Builders Exchange of WA	Publish Online Projects - FEMA Seismic & Office Bldg	67.65
45010	CenturyLink	2 Sites - Internet Svc	182.92
45011	Cintas	3/16/22 - Weekly Service	249.87
45012	Construction Testing Labs	Scott's Site - Concrete/Grout Pick-up	60.00
45013	Core & Main (HD Supply)	(50) 7in Brass Sleeves; (10) Gaskets; (8) Megalug kits	6,181.96
45014	LeMay Inc.	2/2022 - Utility Svc	386.98
45015	Holroyd	(20) Yd 5/8" Crushed Rock; Haul Yard Waste	1,057.60
45016	Lakewood Hardware & Paint	(1) 3-Pack Sheet Sand Paper	4.72
45017	Les Schwab Tires	Tire Repair - T5 Trailer	131.99
45018	Open Works	2/2022 - Janitorial Services	3,075.00
45019	Parametrix	2/2022 - Eng Svcs - Wash Blvd, Grav Lake to Edgewood	11,539.13
45020	Parkland Light & Water Co.	1 Site - Utility Svc	5,727.94
45021	Pitney Bowes	Postage Meter Rental Fee	402.70
45022	Rainier Supply	(4) New Light Ballasts	96.80
45023	Seattle Ace	(1) 20 Pack Contractor Bags; (1) 30 Yd Roll of Tape	24.73
45024	WA State Auditor's Office	2020 Accountability Audit	2,612.25
45025	T Bailey	Pay App #3 - Steilacoom Seismic Retrofit Project	899,806.87
45026	Verizon Wireless	2/2022 - SCADA Service	990.49
45027	Water Management Labs	(38) Coliform Tests; (2) Manganese Tests	947.00
45028	Blakes Backflow	(132) Backflow Tests - March 2022	2,204.40
45029	CenturyLink	6 Sites - Internet Svc	513.86
45030	Cintas	3/23/2022 - Weekly Svc	249.87
45031	Cintas Fire Protection	Fire Monitoring - Wash Blvd and Gravelly Lake	723.80
45032	Construction Testing Labs	Steilacoom Reservoir Retrofit	2,760.00
45033	Day Wireless Systems	3/2022 - Communication System	636.41
45034	Eurofins Eaton Analytical	3/2022 - PFAS Sampling	3,600.00
45035	Farmer Bros	(96) 3oz Coffee Bags	205.20
45036	Ferguson Waterworks	Inventory Items - (16) 5/8 iPerl Mtrs, (12) 1" iPerl Mtrs, etc	19,149.65
45037	Gordon, Thomas, Honeywell	2/2022 - City of Lakewood Franchise	1,925.00
45038	Grainger	(1) Socket Set; (1) Wrench	190.03
45039	Kennedy/Jenks	2/2022 - Eng Svcs - Scotts Site	46,244.43
45040	Lakewood Hardware & Paint	(1) Wire Brush and (1) Wire Brush Set	51.01
45041	Lakewood Water District	Reimburse Employee Fund - Incorrectly Chrg Emp Fund	105.62
45042	Murray, Smith & Assoc.	2/2022 - R&R - Lake Steilacoom Dr Ph 2 - Main Repl	5,555.50
45043	Pumpstech, LLC	P-1 Steilacoom Pump & Mtr; A-3 Tillicum Pump & Mtr	162,043.20
45044	TMG Services	(1) Hypochlorite Generator Panel, (1) Starter Motor	37,460.86
45045	Town of Steilacoom	1 Site - Utility Svc	6,693.70
45046	Water Management Labs	(19) Total Coliform Tests; (6) MMO-MUG Tests	525.00
45047	Williams Oil Filter Svc	Replace Hydraulic Hose - Back Hoe	394.54
45048	Committee for Deferred Comp	April Payroll - 4/1/22	3,475.75
45049	Michael G Malaier	April Payroll - 4/1/22	825.00
45050	WA Public Employees Ret.	April Payroll - 4/1/22	22,904.63
45051	WA State Support Reg.	April Payroll - 4/1/22	195.50
45052	Associated Petroleum Products	(500) Gals Unleaded; (250) Gals Diesel	3,408.70
45053	AWWA	Annual Dues - M. Meyer	248.00
45054	Cintas	3/30/22 - Weekly Svc	129.17
45055	First Aid Northwest	First Aid & CPR Training - Staff Education	1,980.00
45056	Flohawks	Repair Grinder Pump - View Rd	3,001.13
45057	Gordon, Thomas, Honeywell	12/21 and 1/22 City of Lakewood Franchise	1,237.50
45058	Grainger	(1) G-3 Chlorine Generator - Water Heater	388.37
45059	Holroyd	(10) Yds 1 1/2" Washed Rock	286.00
45060	Holt Services	S-1 Replace Pump and Mtr; S-2 Rehab & Capacity Exp	42,405.00
45061	Inslee Best Doezie & Ryder PS	Atty Svcs - 2/2022 - Emp Handbook, WTME, Spanaway	7,147.50
45062	Lakewood Chamber of Commerce	2022 - Membership Dues	373.00
45063	Lakewood Hardware & Paint	(4) Barrel Bolts; (2) LED Bulbs	59.38
45064	Lowes	PVC, Gloves, Glue, Brass Fittings, Conduit Clamps	297.11
45065	MB Electric	Office Storm Drain - Remove and Replace Camera Cable	6,043.11
45066	Midco Material Handling	Forklift Svc - Oil Change & Filter	360.07
45067	Murray, Smith & Assoc.	2/2022 - Eng Svc - Scotts G-3 Well	2,669.80
45068	Owen Equipment	Vactor Truck Rental - 1 Week	6,947.55
45069	Pacific Groundwater Group	2/2022 - Well Head Protection Plan; Well Rehab, Abitibi	6,175.00
45070	Pierce County Auditor	Release of Lien - Recording Fees	18.00
45071	Pumpstech, LLC	J-2 88th & Pine Booster Pump #2	15,823.51
45072	Randich, Christopher	Uniform Reimbursement	275.74
45073	Seattle Ace	Couplings, Sandpaper, Gloves, etc	51.78
45074	Department of Retirement Sys	2021 Old Age & Survivors Insurance (OASI)	25.00
45075	Stronghold Armored Inc.	3/2022 - Armored Truck Service	335.00
45076	Water Management Labs	(13) Coliform Tests; (1) MMO-MUG Test	294.00

Sub-Total **2,093,567.76**

March Payroll **189,394.16**

March Payroll Taxes **69,893.01**

Date **Other Electronic Payment**
3/10/2022 PMT #508 CEP Enterprises 4,702.50

3/10/2022	PMT #509 Sir Speedy	1,028.80	
3/17/2022	PMT #510 RH2 Engineering	4,085.72	
3/17/2022	PMT #511 Sir Speedy	1,754.25	
3/25/2022	PMT #512 EmGovPower	500.00	
3/25/2022	PMT #513 Sir Speedy	1,422.10	
3/31/2022	PMT #514 RH2 Engineering	2,759.28	
3/31/2022	PMT #515 Sir Speedy	3,096.18	
4/11/2022	PMT #516 Sir Speedy	1,292.61	
	B&O Tax	39,195.01	
	Key Analysis service charge (MAR)	2,600.56	
	US Bank CC (Less Power)	38,976.43	
	US Bank CC Power Costs	54,965.94	
	Paymentech / Merchant Fees (MAR)	4,337.96	
	Xpress Bill Pay (MAR)	3,153.64	163,870.98
	GRAND TOTAL		<u>2,516,725.91</u>

Operations Manager Report
March 2022
Presented April 21, 2022

OPERATIONS

Work ORDERS & PM's

317	Billing/Office Field Service Orders
01	Field Service Orders
00	Fleet Service Orders
36	Pumping Service Orders Pumping and Storage
317	Total Service Orders

DELINQUENT ACCOUNTS – Teri

150	Delinquent Accounts
53	Paid on Door Hangers or on Disconnect
97	Services Disconnected
92	Paid on Disconnect
5	Remained Disconnected at the end of the month

LOCATES- Debbie

291	Locate Requests Received
27	Requests were out of LWD Service Area
00	Locates were submitted by LWD
04	Cancelled Locates
260	Locates Completed
260	Total amounts owed

BACKFLOW- Shaun J.

482	Assemblies Tested
00	New Applications
00	New Installations Shaun
00	Assemblies Replaced – Shaun
04	Repairs- Shaun
00	Removals –Shaun
4624	Existing installations permitted - Shaun
478	Test Reports Completed & Entered - Shaun

Right of Way Permit: 0

Water Availability Letters: 27

Operation's Manager Report

Date Paid	Name	Address	Type	Parcel #
3/2/2022	EMERSON LK BUSINESS PARK	146TH ST SW	C/SHORT PLAT	219221042
3/2/2022	EMERSON LK BUSINESS PARK	146TH ST SW	C/SHORT PLAT	219221002
3/2/2022	EMERSON LK BUSINESS PARK	146TH ST SW	C/SHORT PLAT	219221003
3/2/2022	EMERSON LK BUSINESS PARK	146TH ST SW	C/SHORT PLAT	219221034
3/2/2022	EMERSON LK BUSINESS PARK	146TH ST SW	C/SHORT PLAT	219221035
3/3/2022	HOWELL GARAGE EXTENSION	12806 NAOMILAWN DR SW	R/ADDITION	6385300020
3/8/2022	ZEN WOHLERS BKYARD CONST	5214 108TH ST CT SW	R/ADDITION	2335200090
3/9/2022	CARLYLE COURT	4702-4731 124TH ST CT SW	C/SHORT PLAT	219123081
3/10/2022	JAMES CAVE EXPAND SVS CTR	8960 GRAVELLY LK DR SW	C/ADDITION	9009950020
3/10/2022	LOVELL ADU / GARAGE	9124 128TH ST SW	R/ADDITION/REMODEL	219162011
3/10/2022	TOTO TOWNHOMES	4611 109TH ST SW BLDG 1	R/NEW CONST	5080000752
3/10/2022	TOTO TOWNHOMES	10817 47TH AVE SW BLDG 2	R/NEW CONST	5080000752
3/10/2022	TOTO TOWNHOMES	10820 KENDRICK ST SW BLDG 3	R/NEW CONST	5080000752
3/10/2022	TOTO TOWNHOMES	10813 47TH AVE SW BLDG 4	R/NEW CONST	5080000751
3/10/2022	TOTO TOWNHOMES	4610 108TH ST SW BLDG 5	R/NEW CONST	5080000751
3/10/2022	TOTO TOWNHOMES	10810 KENDRICK ST SW BLDG 6	R/NEW CONST	5080000751
3/10/2022	EMERSON LK BUSINESS PARK	7124 & 7122 146TH ST SW SITE B	C/SHORT PLAT	21922-1000&1040
3/10/2022	EMERSON LK BUSINESS PARK	150TH ST SW SITE A	C/SHORT PLAT	29 PARCELS
3/11/2022	ST JOHNS LUTHERAN CH	8602 BRIDGEPORT WAY SW	C/SHORT PLAT	220352170
3/14/2022	JOSEPH CARINO	8915 121ST ST SW	R/ADDITION	5005003522
3/14/2022	KEITH & LISA WILLIAMS	7201 INTERLAAKEN DR SW	R/ADDITION	4725000430
3/22/2022	OLYMPIC SPORT & SPINE	9525 GRAVELLY LK DR SW	C/TI	4725000431
3/23/2022	QUERE TACO	9716 S TACOMA WAY SW	C/TI	219015020
3/25/2022	JACKSON POLE BARN	6706 WILDAIRE RD SW	R/ADDITION	9550200170
3/28/2022	MKM LLC COMM DEV	3411 90TH ST S	C/NEW CONST	320313029
3/29/2022	BUILDING 17 T.I. /CPTC	4500 STEILACOOM BLVD SW	C/TI	220363037
	LOCHBURN MID SCH RENOV	5431 STEILACOOM BLVD SW	C/TI	220351032

MAINTENANCE

Bobby Gaskin – Department Head

NEW SERVICES:
NEW SERVICES

None to report this month

MAINS MAINTENANCE

JOBS

Austin Court 278’ of 8” dip, 148’ of 4” dip and 9 Service connections (no Meters yet)

SERVICE MAINTENANCE

Ran new service line to the LWD irrigation System in the landscaped area in front.

VALVE MAINT.

None to report this month

VALVE OPERATION CHECKS

None to report this month

HYDRANT MAINTENANCE

Hyd. - 28H23 @ 10202 88th Ave SW no hydrant oil, disassembled top and replaced cracked stem sleeve and added hydrant oil.

Hyd. – 28H22 @ 5409 100th St. SW Water in bonnet, disassembled top half and found stem sleeve cracked, replaced added oil it operates correctly and drains.

Hyd. – 18H07 @ 5000 Steilacoom Blvd Fire Dept Training Area hydrant broken by fire truck, hydrant was laying on the ground broke off at the safety flange, replaced with new safety flanges and upper shaft sleeve.

Hyd. – 30H11 @ 10125 102nd St SW bonnet dry no oil, disassembled, and replaced bonnet O rings, bonnet gasket, upper stem sleeve, and hyd. oil.

Hyd. – 50H04 @ 8614 121st St. SW, bonnet dry no oil, Replaced O rings packing plate gasket and added hyd. oil.

Hyd. – 48H14 @ 9821 Washington Blvd SW, bonnet dry no oil, replaced bad O rings packing plate gasket and added hyd. oil.

Hyd. – 50H07 @ 122078 Alameda Ave SW, bonnet dry no oil, replaced upper stem with used one out of bone yard, new upper sleeve, packing plate O rings, packing gasket and hyd. oil.

Hyd. – 48H05 b@ 9721 119th St SW, water leaking from operation stem, upper stem was bent, straighten stem, and replaced stem sleeve bonnet O-rings, bonnet gasket and added hyd. oil.

Below is a hydrant that the leaking main had cut the barrel off, this is an example of Hydrant Maintenance in that it was hit and Hydrant Replacement for all the reasons you see in the photo.



HYDRANT REPLACEMENT:

None to report this month.

METER MAINT.

None to report This month

Flushing Season:

Anticipate this to start back up min March to avoid freezing weather.

LEAK DETECTION REPAIR

None to report this month

GROUND MAINT.

Nothing to report this month.

CITY FRANCHISE PROJECTS

None to report this month

OPEN METER BOX CHECKS

443 for this month

DISCONNECTS:

We had 230 disconnects this month

TRAINING:

First Aid CPR

CAPITAL & R & R PROJECTS – Operations Manager Projects

Prior Year removed in order to reduce the length of the report: 2021

1-11-22 112th Street Pac Hwy to South Tacoma Way Parametrix completed the design for this project, and we have let the project out, please see job # 800 below. Work continues the design for the Lake Steilacoom drive project, Murray Smith is designing this work, they have completed the 30% deliverables, and we are in the comment phase, we will not likely be building this project until 2023 due to the congestion that the Washington Project will bring over the next year or so. This replaces main on 112th to Lake Steilacoom and evergreen Terrance to Steilacoom and replaces the main on Lake Steilacoom to Gravelly Lake Dr. This will complete work in this area.

4-4-22 We are going to get Gray and Osbourn moving on getting the Naomi Lawn Project out. We have received the grant funding through the state and increased our FEMA Grant so we are free to move this money back in to the capital and R & R so we are hoping to get this moving and out for bid by July. And likely the Front Street Project out for the construction in early January. We will put both of these projects out with Contractor supplying the materials and a delayed NTP to move the work to fit our capital expenditure requirements.

2-2-2022 The City of Lakewood has a couple of projects that we will be working with them on, and the design will start for these in the next few weeks to a month: Hipkins RD SW from Steilacoom Blvd to 104th this will replace and estimated 6500 lf. of 12" a/c main installed in the early to mid-50's, and Ardmore / Whitman / 93rd this would replace similar vintage pipe. It looks like we would only have to 1400-1500 feet of this as the side streets are newer.

4-4-22 We are still waiting to hear back from the city on when we will need to be designing these two projects. We have KPC figured in for the design on these two projects.

Gravelly Lake Dr SW Washington to Nyanza (748): City of Lakewood JBLM North Access

Prior Year removed in order to reduce the length of the report: 2021

1-11-22 work continues this project in phases, and currently we are in the roadway reconstruction and placement of curb gutter and sidewalks, so December did not see much

water work, and we do not anticipate going back to water work until the 1st week or two in February. We are on Track as to our estimate of where they would be by the end of the year. 2-2-2022 Work continues on this project in phases and we will be starting more water line work in about 2 weeks The next phase will be to take over the Gravelly Lake Drive and Washington intersection and build the traffic round there after the water and storm are placed in the area, we have not heard from the contractor about how long this phase will last but after this the last work will be done at Washington and Interlaken we are anticipating May before the final work will be completed.

3-1-2022 This project is in its final stage, and we are currently installing the water main in the Gravelly Lake and Interlaken intersection after the water and storm has been completed the curb gutter sidewalk and streetlighting will go in. We are anticipating that this project will be completed in April late or early May.

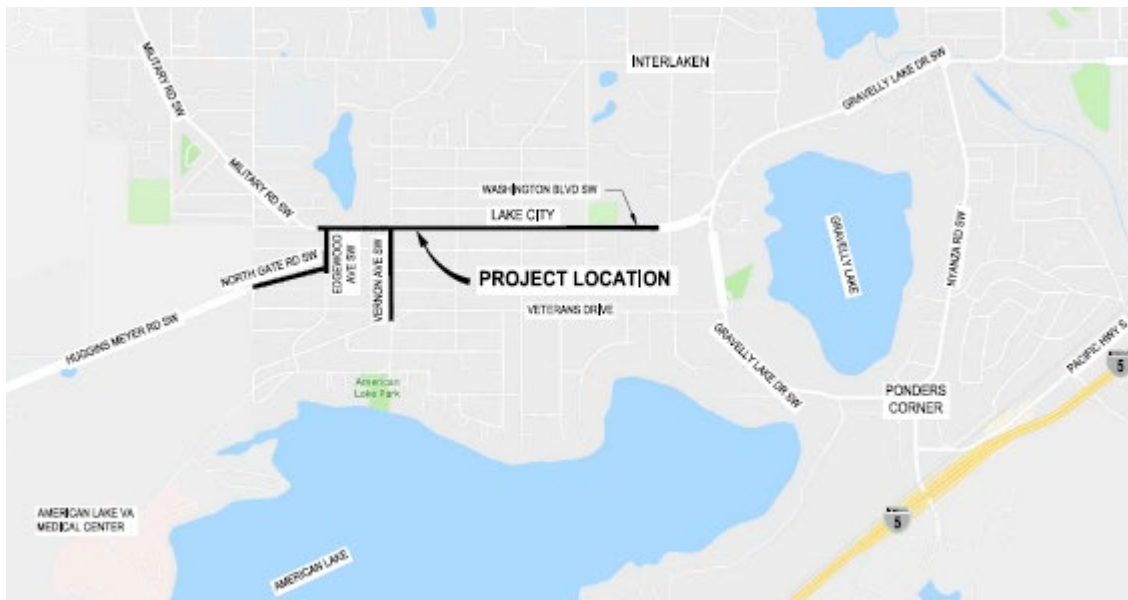
4-4-22 The waterline work on this project is complete as of this date; the work developing the balance of the roadway work continues, until likely May for a final on this project.

Washington Blvd Interlaken to North Fort Phase 2 Job 770

2-7-2022 the City of Lakewood is advertising this project it usually takes about two months for award with the City. We will be participating with the installation of a new watermain for the District. Engineer's estimate is at 1.7 million for the water work.

3-1-2022 This project has been out for bid, and the bids are scheduled to be open today. We have been told that the City of Lakewood will award on their 21st of March council meeting. This project will not likely start until June or July, and funds will roll over from this project into next construction season.

4-4-22 The project has been awarded to R.L. Alia construction; this is the same contractor who built the initial phase on Gravelly to Nyanza. We anticipate them starting in July on this project possibly sooner if they can get their materials in.



39th AVE Phase 2 and 3 Job# 780:

1-11-22 This project is in a bit of weather limbo, they have still to complete their punch list of work which includes some extruded curb, painting BMC lot, and a traffic loop damaged during construction. We are holding 88K in retainage and have been requesting this work be completed consistently since the substantial completion was reached. The weather is obviously a big factor on these items, but we want to keep the pressure on. 2-02-2022 This project has been completed and the punch list finished. We will be recommending that the commissioners conditionally accept this project as complete pending L&I and the others taxing authorities release of the project.

3-1-2022 This project was conditionally approved by the BOC at the last meeting and the paperwork has been submitted to the taxing authorities for final project approval and release.

4-4-22 Still pending approval form L&I

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 04-21-22

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 2023, we may have to move this to fit the City Projects we will know more in the coming weeks and months.



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

1-7-21 The Iron and Manganese filtration for the G-3 well has been ordered ATEC systems was low on the supply bid. We just sent notice of Award out yesterday. We anticipate these will arrive in May for immediate installation. 2-3-21 Design is well past the 60% design milestone, and we are closing I on the 90% mark, we have started ordering the owner supplied materials: Iron and manganese filter, chlorine generator, and MCC panels for the SCADA. We are anticipating that this will bid in March with G-3 work starting in earnest on April 1st, this may require so special effort to push the permits through the city. 3-1-21 All of the long lead time items have been ordered, and we are finalizing the Specs and plan for the construction of this work. We are anticipating putting this work out in Late March approving it at the April Board BOC meeting for construction in May. 4-5-21 design is nearing completion, the project report has been submitted to DOH, and the permits have been applied for with the City of Lakewood. We are looking at building optional projects on site to maximize the effectiveness of the site and match the Grant funding that we will have available. We are anticipating this to be between 5.3 and 5.7 million depending on which package is adopted by the legislators. 5-5-21 This project as with many others has experienced a significant number of delays in engineering, and well as permitting issues, this project in particular with the boundary line adjustment required to build on both pieces of the lots. We have design at 90% and finishing the specials this and eye towards letting this the 15th of May. 6-10-21 This project is out for bid at present with 04-21-22

opening set for Friday the 18th of June. We had the job walk through yesterday and had 9 contractors present. We did receive the Grant funding for the GAC system this we are hoping will cover most if not all of the costs of the GAC system. The project costs for GAC and G-3 Treatment is expected to go to 7.5 million. 7-6-21 the project was let, and Ceccanti construction was low, we had some initial concerns but based on the reference calls we recognize that they have done similar work all be it longer than the 5 years ago we targeted in the paperwork, the consultant didn't put our most updated language for experience in and we missed that in review, so our language didn't prohibit them from bidding. We were however pleased with the price at 5.4 million for both G-3 and the GAC system, this will allow for the district to cover any potential changes required and allow for some of the design elements that we were hoping to get in but pulled in an effort to make sure we came in at a number we could afford. Please recall that this project received 5.4 million in Grant funding which has greatly improved the district position moving forward as much of this would have been borne by the rate payers had the State not come through with this help. 8-3-21 Ceccanti is on site now and clearing trees and getting set up on the project they started the last week in July, they are waiting on materials to start the yard piping when it arrives later this week. The GAC templates and Vessels will be available well in advance of the contractor requiring them, as with the Atec system, the pump and motor were installed for G-3 yesterday, so all the owner supplied materials are available and no delays. A great number of submittals are going back and forth at this point trying to get all the materials approved for the construction to start. One minor change was agreed to with Ceccanti to build the Pump Pad for the G-3 well Pumptech bid included a portion but not all the work, so we transferred this all to Ceccanti. 9-10-21 This project is moving along with the work they can perform. The delays due to materials are far more accentuated on this project than on 39th with the stainless fittings and the like the delays are far greater. Buildings and tanks can't go up as the pipe penetrations are not delivered, and these must be in place before we can continue. The GAC slab is formed, and bar is being tied for the first of two pours on the 24th with the final pour on the 30th. The solid waste Manhole bottom is in place, but the top section is still several weeks out. This is a truly a Challenging time to be building these large, complicated projects. From what I can gather these shortages will last well in to 2022 and possibly stretch in to 2023 10-6-21 work continues this project slowly waiting on parts and permits has seriously impacted the schedule. It looks like we will have the Tanks set the week of the 11th but can go up with the G-3 Building while waiting on engineer's approval then the production of the materials. Ceccanti has shown to be efficient and providing quality work when they have work to complete. I am confident that around 70% of the project will be complete by years end. Assuming we can get the materials to build with. 11-5-21 The Scotts project is starting to grow legs again, we are starting to receive the belayed products to start moving forward again, Baker Silo is well under way with the Backwash tank, and the foundation penetrations have arrived for the G-3 Building so they will be getting that foundation poured shortly. 12-3-21 Ceccanti continues to prosecute this work well and efficiently when the materials allow them. We have had some significant delays on materials and permitting, and some SNAFU's as well where the city thought permits were required but later determined they were not, this cost us about a month on the completion of the Baker Silo. Overall, I am pleased with Ceccanti's work, and whatever fears we may have had with their getting the project have gone now. 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 build 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 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 and G-2 Buildings we ordered on December 2, 2021, and it is now scheduled to be delivered between Christmas 2022 and the end of January 2023.







Spanaway Spur Project – WTME connection # 777

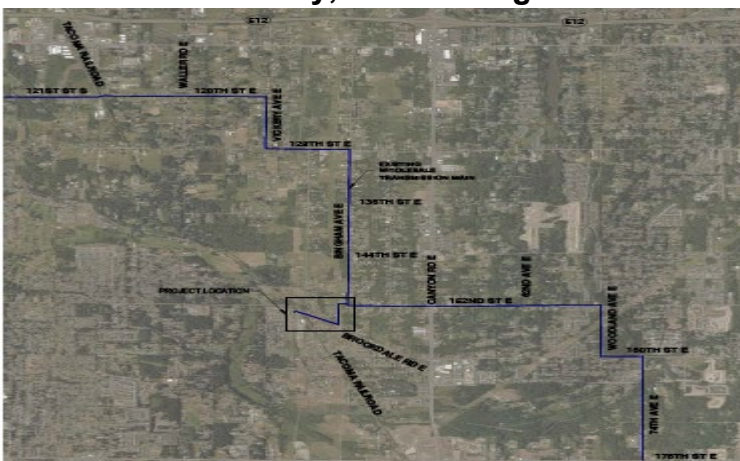
9-23-20 we have determined and scope and budget, and have put RH2 under contract for the design, and Sitt's Hill under contract for the surveying on the project. We have also sent out letter to the property owners that we are hoping to get easements from we have sent them out Return Receipt such that we can minimize any delays if we need to utilize the legal system and condemnation to acquire the easements. We are optimistic that these property owners will work with us as each of them have several easements already through their properties. 12-1-2020 the Initial design Survey has been completed and design has started first looking for the best route then drawing it up. Once we know where we want to go, we can engage the property owners and attempt to secure easements. This may turn out to be the most difficult part of the project. 2-3-21 We have potential alignment figured out, and we are working to finalize the points of connection. We presented this information to the partners at the last quarterly meeting in January. We have been told that Spanaway's bent is to have this online taking water January 1, 2023 so we have some time to spare on this project. 3-1-21 RH2 continues to work on the alignment of this project, they have proposed that we sit down with Pierce County and discuss the potential moratorium on Brookdale Road and the paving of it. Peirce county has clarified that moratorium would remain until November of '22. This would push us to get operational by 1/1/23. So, we are hoping that we can get some consideration on this issue. 4-5-21 We have met with Spanaway Water, and they are very interested in purchasing the final 1 million gallons a day this will sell out the capacity of the Wholesale Main. We are working with them to show them the pricing and the effects of using the more volume of water vs paying the fix rate and not utilizing the volume to offset it. 5-5-21 and interesting development Spanaway not only wants the 2 million, but they would like another if we can get it. This throws a whole set of

complications at the wholesale the first and foremost can we ever do it? If so, how much more, and lastly how much capital would we need to spend in order to do this? We have asked RH2 to investigate the possibility of this and what it would take to make this happen. 6-14-21 we are continuing to work with the other utilities trying to utilize some of the existing utilities easements instead of using more of the property owners land, we had a meeting on Thursday with TPU and that went well, but there is still some resistance to agree to the use of this property. We are looking into the opportunity to acquire easement from some of the other property owners and then go down 42nd Ave this would get us back down to Brookdale if the pipeline corridor is not available. This would be more expensive and would increase the length of the project but would present the only option if the pipeline corridor is not available. 7-6-21 we are working on getting updated Right of Entry forms to the Residents along the alignment, and once that has occurred, we will be potholing the Fiber along the alignment and about ten sites in the Brookdale ROW to find Fiber, and the Tacoma A/C main. Based on the lukewarm reception we got from Tacoma Public Utilities we are also researching and alternate route and have reached out so several additional property owners to test the waters of an easement through their properties as an option. 8-3-21 we have been working with the property owners to get new Right of Entry forms so that we can go on to their properties and dig some potholes to verify the alignment for the project. We have met with some considerable resistance and if appears that the Leonard, the Hohn's and the Martinez's are presenting a unified front in casual opposition to this work. We feel we can continue to work with them in an effort to drive a negotiated agreement rather than through the courts. We are running in to a time crunch though so without some substantial progress soon our options are getting limited. 9-10-21 we have finally negotiated the RIGHT of ENTRY in to all three properties necessary to do the potholing such that a design and alignment can be established for this project. The cost of time and the potholing will impact the budget, and conversations with Spanaway need to occur to make sure they are aware of the current construction environment and the high likelihood that this will cost more. We do have a Q3 meeting with the partners on the 14th to discuss takes and the construction timeline for the projects in the district required to provide those takes. 10-6-21 Then Potholes are completed, and we are waiting on the engineers to confirm the layout of the line, then we can start to negotiate with the property owner's and look to get a contractor on board as soon as practical next spring. 11-5-21 We have a meeting Scheduled with TPU to discuss the alignment of the main, and if all goes well we will be able to start negotiating with the Property owners, but if they refuse to allow us access in their non-exclusive easement, then rather fight them, we will be forced to change the alignment from the one most acceptable to the property owners and that likely will push us in to condemnation with the property owners who have emphasized the desire to not lose any more useable land to easements. We are hoping that TPU takes the entire scope of the work into mind and sees that this is for the betterment of the community and that not doing this will only aggravate the already less than excited property owners. 12-3-21 We continue to work with Tacoma Public Utilities in an effort to place our water easement through their existing Power Easement, we have had some encouraging dialog of late, but would like to find resolution in December. We are continuing a parallel path of Condemnation as well such that come July we are in the ground and placing pipe, but we are hopeful we can negotiate an agreement with the property owners, and TPU.

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 out to bid as of today. We are scheduled to open bids on the April 18, 2022. We did get Immediate Use and Possession on April 1, 2022, from Superior Court. This means we can access and 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.



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 these 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 fallow 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; the pipes that were supposed to be delivered by the end of March are now being delivered the first week of May, a month later. We don't anticipate it will take long to build once all 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.



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
04-21-22

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.



Yard Drainage Gallery LWD Job 832:

4-12-22 This project was necessitated by the Gravelly Lake Project for the City of Lakewood. The system we were using was tied into a storm Drain for the City. They changed the system to in-place infiltration with galleries in the roadway. This design was not built for the flows from the backwash and pump to atmosphere from the D-Wells. So, we were forced to design and build a drainage system that could infiltrate that volume of water. This is us starting the process. This project cost will likely run around \$40,000 all in with machine rental and materials, but there was no choice we had to install it.





Hipkins Rd Steilacoom to 104th City of Lakewood Project: Job # (XXX)

2-02-2022 this project is just getting started and has not yet received a job number, This would replace the existing 12" A/C main with a new DIP main likely 16" or better we will run the model on this and verify pipe sizing. This is a large project potentially including of 6,500 LF of replacement. We will learn more as we dive into this with the City of Lakewood, we have worked well with the City on these types of project in the past and they have proved to save the District considerably in that past by not having to do the restoration as the City was doing that work anyway. In the past savings in excess of 40% have been recognized on similar work, and above the savings component is the optics of the District and the City working together and saving the rate payers on this important work.

3-1-2022 The City of Lakewood has let a professional services contract out for Surveying on this project, and soon as we know who they have contracted with we can start the process of defining our water line needs and locating and alignment.

4-11-22 This project and the Ardmore project has suffered some setbacks. The Engineer working on these projects left the City of Lakewood and moved to Federal Way, along with 2 Construction inspectors thus leaving the City in a fair Bind.

Ardmore / Whitman / 93rd: City of Lakewood Project Job (XXX)

2-02-2022 Same as above for the Hipkins Rd project. We will learn more as we go on this project, it looks like on Whitman and 93rd we have newer Ductile Iron or C-900 in the road, assuming that the main sizing is still good we would not have to replace these mains, just the one on Ardmore which is old 6" AC main.

4-11-22 See above comment

End of Report

Pumping Operations

1. Production/Demands
 - a. Pumping continues at about 10 million gallons per day, including roughly 4 million gallons a day to wholesale partners.
2. Maintenance Activities
 - a. Field crews continue to work on preventative maintenance tasks.
 - b. Completed monthly lake and stream monitoring tasks, which support our water rights perfection process.
 - c. In preparation of summer demands without the Oakbrook Wells, work to test different operational conditions were conducted with good results. We are able to move water through the western portion of the system into the Oakbrook area and keep the tank at desired levels.
 - d. Field crews have begun replacing the remaining older source meters. The new meters will help us standardize on a meter type and will be more accurate, helping ensure our water loss figures are accurate.
 - e. Field staff worked with Christian Fast to calibrate the master meters for the Town of Steilacoom. The meters were found to be within the manufacturer's accuracy range.
3. Groundwater Wells
 - a. Some good news – we received word that we will receive some grant funding through Senator Murray's office. This funding will be for two new groundwater wells to help offset the sources impacted by PFAS. Details about the exact timing and the exact vehicle to receive the funds are to be determined, but it is again a great example of engaging our Senators and Representatives about the needs of the District.
 - b. Oakbrook O-2, O-3 Wells, Country Place U-1 Well, and Scotts Wells continue to be offline due to PFAS levels.
 - c. Fortunately, we saw the S-2 well redevelopment effort show a result that supports an increase in flow from approximately 700 gpm to 1,100 gpm. We worked with suppliers to find a vertical, line-shaft turbine pump with a lead time of just a few weeks. The previous well was a submersible type, and the new style pump will help reduce costs to service the motor and generally have a longer service life compared to the submersibles.
 - d. The S-1 well pump and motor have been shipped and should be installed in late April or early May ahead of the summer demand season.
 - e. The P-1R well replacement pump and motor are now ready to be installed. We will have to coordinate with the construction activity currently ongoing at the site (Steilacoom Boulevard Tank site) and will most likely need to wait until May to install the pump. This well has been out of service for many years, so getting the additional water (approximately 500 gpm) will help make up for some other sources that have been turned off due to PFAS concerns.
 - f. A replacement for the N-1 Well motor has been ordered and expedited. This well was replaced in 2020, so the motor failed prematurely, but after its warranty period had expired. After investigating the issues, it appears the submersible motor was lowered in the late '90s or early 2000's into an offset section of the well casing. The pump in 2020 was set at the same depth, which caused poor alignment of the mechanical equipment, leading to premature failure. We will set the new motor/pump assembly above this section of casing, which should protect the equipment. The cost of this replacement will likely come out of the Emergency Pump Replacement budget item.
4. Booster Pumps
 - a. At Wholesale Booster Pump Station 1 we are continuing to work with the manufacturer of the check valves to troubleshoot and remedy some concerns we have with the valves.

- b. At Wholesale Booster Pump Station 1 we are also continuing to work with the pump manufacturer's representative to investigate noise and vibration we are seeing as well as replace some wear parts. We have been able to schedule the repairs on the pump seals for April 25th, once this work is complete, we will be able to pump test the pumps.
 - c. The 88th and Pine Booster Pump Station recently had its pump replaced, which was included in the 2022 budget. This key supply facility supports wholesale supply, and the new pump will improve reliability. A second, backup pump has been ordered to keep on hand for quick change-out if required. The second pump will help with reliability as well.
5. Equipment out of service
- a. The N-1 Well motor failed recently and is being replaced. It is anticipated that the new equipment will be delivered in late April or early May.
 - b. G-1, G-2, I-3, O-2, O-3, and U-1 wells out of service due to PFAS; G-wells to be returned to service following construction completion on treatment facilities.
 - c. Steilacoom Blvd Tank continues to be out of service until the retrofit improvements are completed.
 - d. The Steilacoom Blvd Tank Project continues to go well, and the tank remains out of service. It is anticipated to be back in service by mid-May.
6. Upcoming Pumping Projects
- a. G-3 Pump and motor installed, waiting for construction of remaining facilities; building pad and walls are now constructed.
 - b. G-1 Pump and motor replacement is available, waiting for install after GAC facility construction is complete.

Capital Projects

1. Scotts well site treatment project
 - a. Interior work at G-3 building continues.
 - b. GAC vessels have been filled and tested
 - c. Due to a part shortage at Puget Sound Energy, it is now anticipated that we will be able to put G-3 into service in May and G-1/G-2 into service in April.
2. Steilacoom Blvd Tank Seismic Retrofits
 - a. T Bailey continues construction work.
 - b. Interior painting work is underway.
 - c. Upcoming work will include pouring the exterior foundation concrete.
 - d. Construction completion anticipated in May 2022.
3. Emergency Generators and Well Improvements project –
 - a. Contract was awarded to Pape & Sons at the March 17, 2022, Board Meeting.
 - b. We were able to work with FEMA to obtain additional grant funding of almost \$475,000 to complete the project.
 - c. Lead times for generators are proving to be upwards of a year, but Pape has already put orders in on 4 of the 5 generators.
 - d. Coordination continues about when to install the piping and site improvements.
2. R-2 Well Drilling
 - a. Holt Services has finished drilling the well to a depth of 600 feet.
 - b. 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.
 - c. Based on the soils testing, a well screen is being designed and fabricated. The driller found an option to significantly shorten the lead time of the screen, so we should be able to install it and start pump testing in early May. Once the pump testing is completed we will be able to order

mechanical and electrical equipment. We will put the well into service as soon as possible, but it is very unlikely to be in service by this summer.

3. Well Rehabilitation and Capacity Expansion
 - a. S-2 mechanical equipment has been ordered. The new equipment is sized to provide approximately 1,100 gpm based on the pump test results. This is an increase from the current capacity of 700 gpm.
4. 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. They continue to provide updates, but no decisions yet. Our current funding request to the City is for a new well at the hospital campus.
2. Abitibi Well Evaluation
 - a. An initial site visit was conducted on March 21st with our hydrogeologist and a well driller, Bill Dodge. The initial visit was to identify significant concerns about the site and performing the evaluation of the wells.
 - b. The site visit confirmed four wells are at the site, with one actively flowing through its mechanical equipment, one appears to be recently capped, and the other two in what appears to be good condition at the ground surface.
 - c. Based on some of Bill's concerns, a conference call was held with our hydrogeologist (Burt Clothier), water rights attorney (Tom Pors), Department of Ecology and I. The conference call was primarily aimed at clarifying potential liability and requirements Ecology would put on the driller and in what situations. It was a productive call and now Tom Pors is continuing to develop our right-of-entry agreement to present to the developer.
 - d. Once the right-of-entry agreement is in place, we will begin developing specifications and be able to solicit bids from qualified well drillers for the physical evaluation of the wells.

Water Quality

1. Completed monthly water quality samples.
2. We have had several meetings and discussions regarding funding for PFAS mitigation.
 - a. The recently passed Infrastructure Investment and Jobs Act includes a lot of funding dedicated to PFAS issues – these funds will be made available through the Drinking Water State Revolving Fund program, administered through DOH. DOH has recently stated they anticipate \$16.8 million for fiscal year 2023 and \$17 million for fiscal years 2024, 2025, and 2026 for PFAS mitigation projects. This is all on a grant basis.
 - b. Discussions with the DOH indicate they will start receiving applications in early fall 2022 for the PFAS funds.
 - c. We continue to work with Peterson Resources on a strategy to maximize our ability to get grant funds through different programs.
 - d. It appears likely that replacement wells will be eligible for the grant funding for PFAS mitigation. We are working with Mott MacDonald, our hydrogeologist, to complete a study of our Aquifer E and determine the feasibility of drilling deeper wells to mitigate the supply loss due to PFAS at our Oakbrook and Country Place sites.
 - e. We are continuing to consult with many agencies to position ourselves to receive these funds. Given the high cost of projects and the increasing number of systems who will be impacted by PFAS, we anticipate these grants to be very competitive.

Water Storage

1. The Steilacoom Boulevard Seismic Retrofit project is continuing, and Steilacoom Boulevard Reservoir is offline until work is complete in May.

**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	-	-	-	0.00%	44,891,458	39,438,720	5,452,738	12.15%	46,432,964	40,884,037	5,548,927	11.95%
May	-	-	-	0.00%	54,929,020	39,470,047	15,458,973	28.14%	55,684,695	41,628,051	14,056,644	25.24%
June	-	-	-	0.00%	69,323,486	53,653,437	15,670,049	22.60%	57,152,119	48,327,384	8,824,735	15.44%
July	-	-	-	0.00%	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%
TOTAL	118,033,953	103,663,531	14,370,422	12.17%	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)							48,839,874	7.53%			45,674,533	7.49%
	2021 YTD	118,080,604	107,172,001	10,908,603	9.24%							
	2020 YTD	107,376,821	95,031,079	12,345,742	11.50%							

Total Number of Customers Billed

	2022	BI-MONTHLY	2021	BI-MONTHLY	2020	BI-MONTHLY	2019	BI-MONTHLY
January	7786		7781		7759		7869	
February	8637	16423	8576	16357	8670	16429	7069	14938
March	7717		7679		7630		9143	
April		7717	8472	16151	8494	16124	8528	17671
May			7695		7698		7799	
June		0	8512	16207	8492	16190	8555	16354
July			7698		7707		7779	
August		0	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:		24140		24036		24059		24081
YEARLY TOTAL:		24140		97358		97671		97547

**CUBIC FEET SOLD PER CLASS
2022**

	fire Mtr	commercial	multi units	residential	schools	Parks /Irrigation	school swim pool						WWSL	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							-	-		-	-	-	-	-
May							-	-		-	-	-	-	-
June							-	-		-	-	-	-	-
July							-	-		-	-	-	-	-
August							-	-		-	-	-	-	-
September							-	-		-	-	-	-	-
October							-	-		-	-	-	-	-
November							-	-		-	-	-	-	-
December							-	-		-	-	-	-	-
Total YTD	1,000	7,172,500	20,531,000	23,453,500	720,800	250,200	-	52,129,000	4,753,352	12,631,333	20,709,531	13,440,315	51,534,531	103,663,531

2021 YTD	53,242,300	4,243,964	18,270,017	17,582,676	13,833,044	53,929,701
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2020 YTD	51,651,300	7,651,400	12,867,130	6,863,254	15,997,995	43,379,779
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vs 2021	97.91%	112.00%	69.14%	117.78%	97.16%	95.56%
vs 2020	100.92%	62.12%	98.17%	0.00%	84.01%	118.80%