

Special Meeting of the Board of Commissioners
January 27, 2022—8:30 a.m.
Virtual Meeting via Microsoft Teams

Agenda

1. Call to Order
2. Attendance
3. Public Comment
4. Approval of Meeting Minutes from December 16, 2021 - *BOC Electronic Signatures*
5. Finance Manager's Report
 - a. No Financials for December 2021 and January 2022
 - b. Board Approval of Payables - *BOC Electronic Signatures*
6. Commissioner Gary G. Barton Oath of Office
7. Board Election
8. Executive Session Under RCW 42.30.110 - Condemnation Update - Spanaway Wholesale Water Main Project
9. Executive Session Under RCW 42.30.110 - 39th Avenue and Halcyon R&R Project
10. Board Award of 112th Street Pacific Highway to South Tacoma Way R&R Project
11. Discussion Regarding New Property Owner of Abitibi Mill Site
12. Board Approval of the District's 2022 Developer's Extension Agreement
13. General Manager's Report
14. Operations Manager's Report
15. Engineering Manager's Report
16. Office Manager's Report
17. WASWD Update on Prevailing Wage Issue
18. Other Business
 - a. Acknowledgment of employee wages
 - b. Government Relations Committee Report - Commissioner Barton
19. Public Comment

**LAKWOOD WATER DISTRICT
BOARD OF COMMISSIONERS
Minutes of Regular Meeting
Thursday, December 16, 2021**

President Korsmo called the virtual Regular Meeting to order at 3:33 p.m. at the District office. Staff participated via Microsoft Teams.

Present at the meeting: Commissioners J. Korsmo, G. Rediske, and G. Barton, General Manager R. Black, Engineering Manager M. Meyer, Operations Manager I. Black, Office Manager T. MacDougall, Finance Manager P. Mendoza, IT Manager C. Fast, HR Analyst B. Levo, and District counsel R. Schultz, of Gordon Thomas Honeywell.

Public Comment: None.

Approval of Meeting Minutes:

Commissioner Rediske requested a correction to the minutes of November 18, 2021, related to a typo on the per-month bill cost. This correction has been made. Commissioner Rediske then moved to approve the minutes of the November 18, 2021, Regular Meeting. Commissioner Barton seconded the motion, which carried unanimously. Each Commissioner individually gave verbal authorization for the use of their electronic signatures on these approved minutes.

Financial Information:

The Finance Manager presented the November financials to the Board. President Korsmo inquired about the amount of net income versus budgeted projects; the Finance Manager shared information on asset reclassification.

Disbursements made from the General Ledger Fund for check number 44457 through 44555 totaling \$2,024,747.22, salary direct deposits totaling \$180,895.58, payroll taxes totaling \$63,824.58, and other electronic payments totaling \$1,837,859.50, for a grand total of \$4,314,863.15 were presented to the Board for approval. After review, Commissioner Barton moved to approve the payables as listed. President Korsmo seconded the motion which carried unanimously. Each Commissioner individually gave verbal authorization for the use of their electronic signatures on these approved payables.

Board Review and Approval of the 2022 Draft Budget

The General Manager presented an introduction to the final budget and the theme for 2022: Focusing on Tomorrow, Today. He also commended the staff for their hard work. There have been very few changes since the draft budget presentation in November; only the five-year forecast and cash flow have changed.

The Finance Manager presented the 2021 forecast with 10 months actual and two months forecast. These figures align 2022 with 2021 budget costs. Retail revenue is higher than shared in November's meeting, with differences in projected future projects; water treatment with more PFAS testing for example. Considering the 2021 financial forecast and debt issuance every two years, we recommend a 6.68 percent weighted average rate increase.

The General Manager went through a high-level overview of the budget sections and requested direction on the maximum vacation bank. COVID-19 has prevented staff from using as much vacation as is typical, resulting in higher balances. The General Manager recommended that the Board approve an increase to the maximum vacation bank from the 240 hours previously agreed upon to 320 hours. The bank will be use it or lose it and will allow staff to take adequate amounts of vacation without having a negative impact on District staffing levels. The General Manger also presented another option for the Board to consider – keep the 240-hour maximum bank but allow staff a grace period of one year to manage their vacation down to 240 hours or less. After discussion, the Board agreed to a 320-hour maximum vacation bank, which will be approved with the motion to approve the 2022 Budget.

The General Manager shared that with a 6.68 percent rate increase, the District is projected to see \$3,935,761 in net income in 2022. It is the recommendation that the Board of Commissioners approve the 6.68 percent rate increase and adopt the 2022 Budget.

Commissioner Rediske requested a correction to Commissioner Barton's term in the introduction section of the 2022 Budget.

Commissioner Barton moved to adopt the 2022 Budget as presented. President Korsmo seconded the motion, which carried unanimously.

Commissioner Rediske moved to approve Resolution B-1473, which outlines the 6.68 percent weighted rate increase. Commissioner Barton seconded the motion, which carried unanimously. Each Commissioner individually gave verbal authorization for the use of their electronic signatures on Resolution B-1473.

Commissioner Barton moved to approve the District's 2022 Salary Chart. Commissioner Rediske seconded the motion, which carried unanimously. Each Commissioner individually gave verbal authorization for the use of their electronic signatures on the District's 2022 Salary Chart.

Executive Session Under RCW 42.30.110

President Korsmo called for a 15-minute Executive Session under RCW 42.30.110 for District counsel R. Schultz to update the Board on a legal matter. The Executive Session began at 4:25 p.m. At 4:40 p.m., the Board exited the session. President Korsmo called for another five minutes, until 4:45 p.m., and the Board resumed. At 4:45 p.m., the Board exited the session. President Korsmo called for an additional five minutes, until 4:50 p.m., and the Board resumed. At 4:50 p.m. the session concluded.

General Manager's Report:

In the interest of time, the General Manager touched on a few items from his full, written report, including the successful hire of a new Administrative Assistant, who has a 02/01/2022 start date. He also briefly provided information on the progress of the essential workers designation.

Operations Manager's Report:

The Operations Manager touched on a few items from his full, written report, including the punch list for the 39th Avenue project, the Gravelly Lake Drive project, and the upcoming Phase Four of the 39th project. He also briefly discussed challenges with materials shortages.

Engineering Manager's Report:

The Engineering Manager touched on a few items from his full, written report, including the rehabilitation work on the Steilacoom site well, the work to bring P-1R back into service, the PFAS State Action Levels taking effect January 01, 2022, and additional wells that will be taken offline. He also briefly discussed the article on PFAS that will be shared in the next District newsletter.

Office Manager's Report:

The Office Manager did not have items to report this month.

WASWD Funding Request on Prevailing Wage Issue:

The General Manager recapped the details provided in his report and the current actions of WASWD related to the petition on the prevailing wage issue. The General Manager requested Board approval for the District to be named as an intervener party in the petition and provide up to \$2,000 in legal costs, if needed. The Board approved both requests.

Other Business:

The Board acknowledged employee wages as presented. Commissioner Barton presented information on the latest Government Relations Committee meeting, including that the legislature continues to meet virtually, the Senate had an in-person meeting with a group of constituents, water quality is not currently on the legislative radar, the Washington State budget will have \$3-4 billion dollars of federal money coming in, the public works trust has requested \$250 million, and a discussion took place on WA Cares and the potential delay.

Commissioner Barton also presented information on the watershed forum. USGS gave a presentation on a groundwater model. The model will improve understanding of hydrologic framework, including groundwater maps, streamflow measurements, groundwater simulations, recharge from precipitation, and more. The General Manager shared that since 2006, the District has invested \$103,415 in the model and \$149,393 in stream and surface water monitoring.

With no additional business to address, President Korsmo adjourned the meeting at 5:18 p.m.

**LAKWOOD WATER DISTRICT
BOARD OF COMMISSIONERS**

BY:



ITS PRESIDENT

BY:



ITS VICE PRESIDENT

BY:



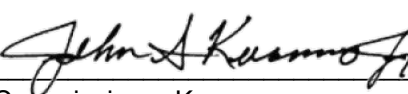
ITS SECRETARY

ATTEST:



DISTRICT SECRETARY

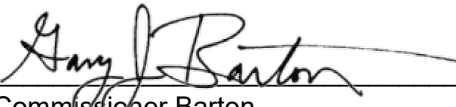
We, the undersigned Board of Commissioners of the Lakewood Water District
Pierce County, Washington, do hereby certify that the merchandise or services
hereinafter specified have been received and checks numbering 44556 through
44686 and all electronic payments for this period are hereby approved for payment in the sum of
\$1,844,721.69 this 27th day of January 2022.



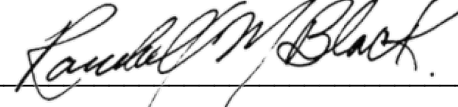
Commissioner Korsmo



Commissioner Rediske



Commissioner Barton



General Manager

Check no.	Vendor Name	Payment Description	Amount
44556	Committee for Deferred Comp	Payroll (11/19-12/03)	3,321.04
44557	Lakewood Water District	Payroll (11/19-12/03)	165.00
44558	Michael G Malaier	Payroll (11/19-12/03)	825.00
44559	WA Public Employees Retirement	Payroll (11/19-12/03)	21,000.63
44560	WA State Support Registry	Payroll (11/19-12/03)	195.50
44561	All Seasons Window Cleaning	Int/Ext Office Window Cleaning (From July 2021)	350.00
44562	Associated Petroleum Products	(2) Fuel Deliveries - (1000) Unleaded, (130) Diesel	3,921.82
44563	Ceccanti Inc	Nov 2021 - Pay App #5 Scott's Well	531,238.05
44564	Center Electric Inc	Steilacoom Booster Pump Repair	2,111.37
44565	CenturyLink	Internet Svc - 1 Site	85.99
44566	Cintas Corporation	12/01 Weekly Svc	249.87
44567	City of Lakewood	Oct - Pay App #3 Grav Lk Dr - WA Blvd to Nyanza	35,478.31
44568	Core & Main (HD Supply)	Job #817 Supplies, Inventory Parts	1,010.66
44569	Fastenal Company	(1000) Face Masks	588.59
44570	Ferguson Waterworks	2022 Customer Portal Fee	9,194.18
44571	Grainger Inc	Hammer, Bit, Blower	281.87
44572	Holroyd Co Inc	Crushed Rock Yd Maint	542.31
44573	Honey Bucket	11/23 On-Call Svc	75.00
44574	Lakewood Hardware & Paint	Disco Terminal, Floor Marker	21.56
44575	Liberty Mutual	Bond #32S442390 Renewal	100.00
44576	Lowe's Companies Inc	Tarp, Door Hangers, Zip Ties, Canopy, Strip Lights	315.22
44577	Murray, Smith & Assoc. Inc	Oct 2021 - Scott's Water Treatment Design	2,800.00
44578	Openworks	Dec 2021 - Janitorial Svc	3,075.00
44579	Pacific Groundwater Group	July-Oct 2021 - WHPT, PFAS Resp., WOP, Gen Svc	2,707.50
44580	Philadelphia Insurance Co	Cyber Liability	209.00
44581	Pierce County Auditor	Lien Release #4000430080	39.00
44582	PNWS-AWWA	WWUC Dues	2,500.00
44583	Puget Sound Energy	Utility Svc - 1 Site	1,529.01
44584	Pumptech LLC	O-2 Pump & Motor Replacement	107,804.38
44585	Quest	2022 Cloud Connect	720.00
44586	Rosemount Inc	Chlorine & PH Probes	4,642.68
44587	S&B Inc	G1, G2, G3 Telemetry Integration	48,255.72
44588	Staples	10 Key Ink, Toilet Brush, Under Desk Mount	450.29
44589	Thomas M Pors, Law Offices Of	Oct & Nov 2021 PFAS Response	2,555.00
44590	TMG Services Inc	(2) Ultrasonic Device (2) Pressure Gauge	3,151.79
44591	Town Of Steilacoom	Utility Svc - 2 Sites	10,009.30
44592	Water Management Labs Inc	(38) Coliform, MMO-MUG, Quanti-Tray	770.00
44593	ADT Commercial	Dec 2021 - Wash Blvd Monitoring	159.92
44594	Airgas USA LLC	Acetylene Rental	16.50
44595	Asphalt Patch Systems Inc	Spruce St - Cut & Patch	3,368.00
44596	Associated Petroleum Products	(400) Unleaded, (50) Diesel	1,530.94
44597	Builders Exchange of Washington	#788 - Seismic Report Online Publishing	45.00
44598	Caselle	Jan 2022 - Contract Support & Maint.	3,378.10
44599	CenturyLink	Internet Svc - 2 Sites	192.92
44600	Cintas Fire Protection	Fire Protection - 2 Sites	723.80
44601	Comcast	Internet Svc - 1 Site	110.20
44602	Connie P Roberts	Consulting - Compensation/Benefits	4,850.00
44603	Consolidated Supply Co	Angle Meter Stop	113.44
44604	Eurofins Eaton Analytical, Inc	Nov 2021 - PFAS Sampling	3,900.00
44605	FedEx Office	Shipping Cost - Granados Rosemount INC	3.37
44606	Ferguson Waterworks	(6) Meters, (27) Pit Lid Adapters	6,882.19
44607	Gordon, Thomas, Honeywell	Nov 2021 Franchise Fee Ordinance	3,052.50
44608	Grainger Inc	Fuses & Anchors	256.00
44609	Guardian Security Systems	Dec 2021 Cloud Storage	2,046.54

44610	Harold Lemay Enterprises Inc	Nov 2021 Dumpsters, Shredding, & Recycling	359.33
44611	Lakewood Hardware & Paint	(8) Pipe Insulators	23.68
44612	Marten Law	Nov 2021 PFAS Assistance	19,925.50
44613	McClatchy Company LLC	Steilacoom Seismic Job & 2022 Draft Budget	2,483.41
44614	Miles Resources LLC	Nov 2021 - Pay App #5 39th Ave PH 2-3	207,442.80
44615	MultiCare Centers Occup Medicine	(6) Drug Screen, (2) DOT Exam, (2) EBT	680.00
44616	Napa Auto Parts	De-Icer, Oil, Ice Scrapers	141.90
44617	Pacific Power Group, LLC	(10) Generator Maintenance	13,521.26
44618	Parametrix	Job #800 112Th St Sw - Pac Hwy to S Tac Way	1,772.58
44619	Phicore Health Services, LLC	(33) Hearing Test	682.00
44620	Pierce County Sewer	Utility Svc - 1 Site	18.21
44621	Pro Call Center	Nov 2021 After Hours Svc	381.11
44622	Pro Pest Control	Dec 2021 Bait Stations	103.40
44623	Rainier Supply	Harting Inserts, Tap Connectors	257.40
44624	Skaggs, Darlene	LWD CARES Funding Payment	591.22
44625	State Auditors Office	2020 Accountability/Financial Audit	10,857.60
44626	Stronghold Armored Inc	Nov 2021 Armored Truck Svc	335.00
44627	Utilities Underground	Nov 2021 Locates (256)	660.48
44628	Verizon Wireless	Nov 2021 SCADA Svc	999.04
44629	WA Assoc. of Sewer & Water Dist.	2022 WASWD Dues	20,501.27
44630	Water Management Labs Inc	(26) Coliform, CPRG, MMO-MUG	585.25
44631	All Seasons Window Cleaning	Int/Ext Office Window Cleaning	350.00
44632	Bailey & Sons Spraying Inc	Insect & Disease Control	781.76
44633	Cargill Inc-Salt Division	Salt Pallet	6,950.97
44634	CenturyLink	Internet Svc - 2 Sites	182.92
44635	Cintas Corporation #461	12/08 & 12/15 Weekly Svc	499.74
44636	Cintas Fire Protection	Fire Protection - 1 Site	361.90
44637	Construction Testing Labs	Job #757 Scott's Well Site	1,266.00
44638	Inslee Best Doezie & Ryder PS	Nov 2021 Spanaway WTME & General Personnel	3,801.53
44639	Lakewood Water District	Petty Cash	424.14
44640	McClatchy Company LLC	2022 Final Budget Ad	834.45
44641	Parametrix	Job #748 Wash - Nyanza & Job #770 Edgewood - Verno	6,421.65
44642	Parkland Light & Water Company	Utility Svc - 1 Site	5,955.14
44643	Pitney Bowes Inc	4th Qtr Postage Meter Rental	171.60
44644	Rainier Supply	Transformer, T8 Guard, Axial Fan	241.38
44645	Seattle Ace LLC	Screwdriver, Fasteners, Bulbs, Light, Batteries, Heater	151.70
44646	Water Management Labs Inc	(23) Coliform, MMO-MUG, Nitrate Nitrogen	467.00
44647	AFLAC	Payroll (12/03-12/17)	474.25
44648	Committee for Deferred Comp	Payroll (12/03-12/17)	3,321.04
44649	Delta Dental of Washington	Payroll (12/03-12/17)	4,004.50
44650	Lakewood Water District	Payroll (12/03-12/17)	165.00
44651	Michael G Malaier	Payroll (12/03-12/17)	825.00
44652	Principal Life Insurance Co	Payroll (12/03-12/17)	2,732.82
44653	Regence	Payroll (12/03-12/17)	58,037.34
44654	WA Public Employees Ret.	Payroll (12/03-12/17)	21,806.90
44655	WA State Support Reg.	Payroll (12/03-12/17)	195.50
44656	American Landscape Svc, LLC	Dec 2021 Landscape Svcs	6,594.50
44657	Beyond Trust Corporation	2022 Software License - Cybersecurity	3,972.36
44658	Blakes Backflow Service LLC	(63) Dec Backflow Tests	1,052.10
44659	CenturyLink	Internet Svc - 6 Sites	509.98
44660	Cintas Corporation #461	12/21 & 12/28 Weekly Svc	499.74
44661	City Of Lakewood	Nov 2021 Pay App #4 Grav Lk Dr - Wash to Nyanza	46,525.04
44662	Day Wireless Systems	Trk# 42 Led Lighting, Dec 2021 Comm System	2,248.27
44663	Dept Of Health	Sanitary Survey Inspection	2,754.00
44664	Fastenal Company	Hammer Drill, White Helmets	1,135.15
44665	HD Fowler Co Inc	Adapter, Wedge Kit, Flange Tee, Valves	4,485.14
44666	Keep Safety LLC	Fall Protection Harness Inspections	273.20
44667	Lakewood Hardware & Paint	Screws, Bits	44.43
44668	Mooses Auto Tech	Trk# 39 Wiper Blades/Battery, Trk# 52 Oil Change	738.77
44669	Murray, Smith & Assoc. Inc	Nov 2021 Lake Steilacoom Dr Phase 2	15,005.50
44670	Northwest Corrosion Eng.	Annual Cathodic Protection System Checkouts	1,400.00
44671	Novotx LLC	Capital - Work Order Mgmt Software	42,200.00
44672	Pacific Groundwater Group	2021 WHPP Inventory/Project Management	350.00
44673	Puget Sound Energy	Utility Svc - 1 Site	1,883.12
44674	Rainier Supply	Ground Rod, Clamp, Knockout Seals	35.84
44675	Seattle Ace LLC	Paint Brushes, Wire Brushes	41.13
44676	Sherwin-Williams Co	(5) Gallons Blue Paint for Well Houses/Pipes	317.85
44677	Sitts & Hill Engineers, Inc	Spanaway Spur Water Tie In - Easements	2,550.00
44678	Staples	Boxes, Markers, Febreze, Trash Bags	111.26
44679	Town Of Steilacoom	Utility Svc - 2 Sites	6,624.48

44680	Valley Water District	GIS Improvements Co-Op Agreement	1,729.75
44681	Water Management Labs Inc	Total Coliform, CPRG	361.00
44682	White Cap	(200) 30 Lb. Bags Of Sand	1,034.62
44683	Committee for Deferred Comp	Payroll (12/17-12/31)	3,321.04
44684	Michael G Malaier	Payroll (12/17-12/31)	825.00
44685	WA Public Employees Ret.	Payroll (12/17-12/31)	21,083.70
44686	WA State Support Reg.	Payroll (12/17-12/31)	195.50

Sub-Total **1,405,569.20**

December Payroll **187,817.52**
December Payroll Taxes **65,811.96**

Date

Other Electronic Payment

12/9/2021	PMT #484 CEP Enterprises LLC	2,625.00
12/9/2021	PMT #485 RH2 Engineering Inc	6,361.61
12/9/2021	PMT #486 Sir Speedy	4,332.17
12/16/2021	PMT #487 EmGov Power	500.00
12/16/2021	PMT #488 Korsmo, John	7.59
12/16/2021	PMT #489 Sir Speedy	2,460.41
12/22/2021	PMT #490 Sir Speedy	1,772.83
1/6/2022	PMT #491 RH2 Engineering Inc	10,585.27
1/6/2022	PMT #492 Sir Speedy	338.53

B&O Tax	40,541.83
Authnet Gateway (DEC)	17.95
Key Bank Merchant Fee (DEC)	34.95
Key Bank Analysis Svc Charge (DEC)	2,183.19
US Bank CC (Less Power)	13,724.34
US Bank CC Power Costs	90,922.34
Paymentech Fee (DEC)	5,811.52
Xpress Bill Pay Processing Fee (DEC)	3,303.48
	185,523.01

GRAND TOTAL **1,844,721.69**

39th Ave Phase 4 Halcyon to Pac Hwy
JOB # 804

Bid Item	Description	Estimate Qty	Unit	Ceccanti		Wolfskill Construction		Sound Pacific		H-Con		Pape		Vet Industrial		NW cascade		Miles		Rodarte	
				Price	Extension	Price	Extension	Price	Extension	Price	Extension	Price	Extension	Price	Extension	Price	Extension	Price	Extension	Price	Extension
1	Mobilization	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 27,000.00	\$ 27,000.00	\$ 38,000.00	\$ 38,000.00	\$ 32,200.00	\$ 32,200.00	\$ 27,500.00	\$ 27,500.00	\$ 40,000.00	\$ 40,000.00	\$ 33,000.00	\$ 33,000.00	\$ 30,000.00	\$ 30,000.00	\$ 22,000.00	\$ 22,000.00
2	Install 20-Inch Ductile iron water main	1357	LF	\$ 77.00	\$ 104,489.00	\$ 65.00	\$ 88,205.00	\$ 60.00	\$ 81,420.00	\$ 70.00	\$ 94,990.00	\$ 106.00	\$ 143,842.00	\$ 71.00	\$ 96,347.00	\$ 61.00	\$ 82,777.00	\$ 63.00	\$ 85,491.00	\$ 47.00	\$ 63,779.00
3	Install 16" ductile iron Water main	4	LF	\$ 76.00	\$ 304.00	\$ 250.00	\$ 1,000.00	\$ 225.00	\$ 900.00	\$ 340.00	\$ 1,360.00	\$ 106.00	\$ 424.00	\$ 762.00	\$ 3,048.00	\$ 115.00	\$ 460.00	\$ 75.00	\$ 300.00	\$ 225.00	\$ 900.00
4	Install 8" Ductile Iron Water main	92	LF	\$ 75.00	\$ 6,900.00	\$ 30.00	\$ 2,760.00	\$ 65.00	\$ 5,980.00	\$ 60.00	\$ 5,520.00	\$ 67.00	\$ 6,164.00	\$ 51.00	\$ 4,692.00	\$ 41.00	\$ 3,772.00	\$ 75.00	\$ 6,900.00	\$ 55.00	\$ 5,060.00
5	Install 6" ductile Iron Water main	2	LF	\$ 74.00	\$ 148.00	\$ 500.00	\$ 1,000.00	\$ 600.00	\$ 1,200.00	\$ 275.00	\$ 550.00	\$ 67.00	\$ 134.00	\$ 1,240.00	\$ 2,480.00	\$ 219.00	\$ 438.00	\$ 75.00	\$ 150.00	\$ 225.00	\$ 450.00
6	Install 20- Inch Gate Valve	3	EA	\$ 100.00	\$ 300.00	\$ 1,000.00	\$ 3,000.00	\$ 600.00	\$ 1,800.00	\$ 2,800.00	\$ 8,400.00	\$ 5,000.00	\$ 15,000.00	\$ 1,000.00	\$ 3,000.00	\$ 1,015.00	\$ 3,045.00	\$ 750.00	\$ 2,250.00	\$ 350.00	\$ 1,050.00
7	Install 16" Gate Valve	3	EA	\$ 100.00	\$ 300.00	\$ 1,000.00	\$ 3,000.00	\$ 600.00	\$ 1,800.00	\$ 1,800.00	\$ 5,400.00	\$ 2,000.00	\$ 6,000.00	\$ 1,000.00	\$ 3,000.00	\$ 875.00	\$ 2,625.00	\$ 700.00	\$ 2,100.00	\$ 350.00	\$ 1,050.00
8	Install 8" gate Valve	1	EA	\$ 100.00	\$ 100.00	\$ 1,000.00	\$ 1,000.00	\$ 450.00	\$ 450.00	\$ 1,400.00	\$ 1,400.00	\$ 1,200.00	\$ 1,200.00	\$ 1,000.00	\$ 1,000.00	\$ 735.00	\$ 735.00	\$ 600.00	\$ 600.00	\$ 350.00	\$ 350.00
9	Install Standard Fire Hydrant Assembly	1	EA	\$ 500.00	\$ 500.00	\$ 7,500.00	\$ 7,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,800.00	\$ 2,800.00	\$ 3,200.00	\$ 3,200.00	\$ 3,100.00	\$ 3,100.00	\$ 2,730.00	\$ 2,730.00	\$ 2,750.00	\$ 2,750.00	\$ 1,600.00	\$ 1,600.00
10	Connect to existing syatem	3	EA	\$ 300.00	\$ 900.00	\$ 4,500.00	\$ 13,500.00	\$ 3,500.00	\$ 10,500.00	\$ 5,500.00	\$ 16,500.00	\$ 5,500.00	\$ 16,500.00	\$ 4,900.00	\$ 14,700.00	\$ 4,210.00	\$ 12,630.00	\$ 7,800.00	\$ 23,400.00	\$ 5,250.00	\$ 15,750.00
11	Install 20" DI fittings	13	EA	\$ 100.00	\$ 1,300.00	\$ 1,000.00	\$ 13,000.00	\$ 700.00	\$ 9,100.00	\$ 417.00	\$ 5,421.00	\$ 2,200.00	\$ 28,600.00	\$ 360.00	\$ 4,680.00	\$ 421.00	\$ 5,473.00	\$ 85.50	\$ 1,111.50	\$ 550.00	\$ 7,150.00
12	Install 16" DI fittings	3	EA	\$ 100.00	\$ 300.00	\$ 750.00	\$ 2,250.00	\$ 700.00	\$ 2,100.00	\$ 905.00	\$ 2,715.00	\$ 1,750.00	\$ 5,250.00	\$ 830.00	\$ 2,490.00	\$ 337.00	\$ 1,011.00	\$ 85.50	\$ 256.50	\$ 450.00	\$ 1,350.00
13	Install 8" and 6" DI Fittings	4	EA	\$ 100.00	\$ 400.00	\$ 500.00	\$ 2,000.00	\$ 600.00	\$ 2,400.00	\$ 340.00	\$ 1,360.00	\$ 175.00	\$ 700.00	\$ 310.00	\$ 1,240.00	\$ 211.00	\$ 844.00	\$ 85.50	\$ 342.00	\$ 225.00	\$ 900.00
14	Far Side Service connection	3	EA	\$ 1,100.00	\$ 3,300.00	\$ 5,500.00	\$ 16,500.00	\$ 1,800.00	\$ 5,400.00	\$ 2,710.00	\$ 8,130.00	\$ 2,100.00	\$ 6,300.00	\$ 2,500.00	\$ 7,500.00	\$ 3,660.00	\$ 10,980.00	\$ 6,800.00	\$ 20,400.00	\$ 1,800.00	\$ 5,400.00
15	Near Side Service Connection	5	EA	\$ 500.00	\$ 2,500.00	\$ 3,500.00	\$ 17,500.00	\$ 1,200.00	\$ 6,000.00	\$ 2,710.00	\$ 13,550.00	\$ 1,650.00	\$ 8,250.00	\$ 2,700.00	\$ 13,500.00	\$ 1,428.00	\$ 7,140.00	\$ 2,750.00	\$ 13,750.00	\$ 900.00	\$ 4,500.00
16	Trench Excavation Safety	1	LS	\$ 500.00	\$ 500.00	\$ 5,000.00	\$ 5,000.00	\$ 1,200.00	\$ 1,200.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 29,500.00	\$ 29,500.00	\$ 2,510.00	\$ 2,510.00	\$ 1,500.00	\$ 1,500.00	\$ 100.00	\$ 100.00
17	Traffic Control	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 35,000.00	\$ 35,000.00	\$ 138,000.00	\$ 138,000.00	\$ 50,000.00	\$ 50,000.00	\$ 43,000.00	\$ 43,000.00	\$ 34,000.00	\$ 34,000.00	\$ 73,000.00	\$ 73,000.00	\$ 54,500.00	\$ 54,500.00	\$ 25,000.00	\$ 25,000.00
18	Siltation Control	1	LS	\$ 3,600.00	\$ 3,600.00	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00	\$ 7,400.00	\$ 7,400.00	\$ 350.00	\$ 350.00	\$ 1,000.00	\$ 1,000.00	\$ 9,000.00	\$ 9,000.00	\$ 21,250.00	\$ 21,250.00	\$ 1,500.00	\$ 1,500.00
19	Compaction Tests	6	EA	\$ 250.00	\$ 1,500.00	\$ 350.00	\$ 2,100.00	\$ 600.00	\$ 3,600.00	\$ 390.00	\$ 2,340.00	\$ 300.00	\$ 1,800.00	\$ 600.00	\$ 3,600.00	\$ 180.00	\$ 1,080.00	\$ 260.00	\$ 1,560.00	\$ 160.00	\$ 960.00
20	Potholes	6	EA	\$ 300.00	\$ 1,800.00	\$ 250.00	\$ 1,500.00	\$ 1,000.00	\$ 6,000.00	\$ 500.00	\$ 3,000.00	\$ 350.00	\$ 2,100.00	\$ 750.00	\$ 4,500.00	\$ 682.00	\$ 4,092.00	\$ 950.00	\$ 5,700.00	\$ 600.00	\$ 3,600.00
21	Crushed Rock	900	TN	\$ 19.00	\$ 17,100.00	\$ 55.00	\$ 49,500.00	\$ 60.00	\$ 54,000.00	\$ 28.00	\$ 25,200.00	\$ 37.50	\$ 33,750.00	\$ 46.00	\$ 41,400.00	\$ 42.00	\$ 37,800.00	\$ 12.50	\$ 11,250.00	\$ 30.00	\$ 27,000.00
22	Pavement Sawcutting	3120	FT-in	\$ 1.00	\$ 3,120.00	\$ 0.65	\$ 2,028.00	\$ 0.50	\$ 1,560.00	\$ 1.50	\$ 4,680.00	\$ 1.00	\$ 3,120.00	\$ 11.00	\$ 34,320.00	\$ 0.50	\$ 1,560.00	\$ 1.05	\$ 3,276.00	\$ 0.55	\$ 1,716.00
23	Temporary Asphalt Pavement	30	TN	\$ 300.00	\$ 9,000.00	\$ 250.00	\$ 7,500.00	\$ 400.00	\$ 12,000.00	\$ 250.00	\$ 7,500.00	\$ 180.00	\$ 5,400.00	\$ 375.00	\$ 11,250.00	\$ 192.00	\$ 5,760.00	\$ 178.00	\$ 5,340.00	\$ 180.00	\$ 5,400.00
24	Permanent Asphalt Pavement	80	TN	\$ 230.00	\$ 18,400.00	\$ 200.00	\$ 16,000.00	\$ 275.00	\$ 22,000.00	\$ 220.00	\$ 17,600.00	\$ 420.00	\$ 33,600.00	\$ 430.00	\$ 34,400.00	\$ 412.00	\$ 32,960.00	\$ 190.00	\$ 15,200.00	\$ 280.00	\$ 22,400.00
25	Backfill Gravel if Required	100	TN	\$ 17.00	\$ 1,700.00	\$ 50.00	\$ 5,000.00	\$ 50.00	\$ 5,000.00	\$ 35.00	\$ 3,500.00	\$ 32.00	\$ 3,200.00	\$ 46.00	\$ 4,600.00	\$ 31.00	\$ 3,100.00	\$ 25.00	\$ 2,500.00	\$ 30.00	\$ 3,000.00
26	Concrete Repair	6	SY	\$ -	\$ -	\$ 416.00	\$ 2,496.00	\$ 1,200.00	\$ 7,200.00	\$ 700.00	\$ 4,200.00	\$ 700.00	\$ 4,200.00	\$ 500.00	\$ 3,000.00	\$ 635.00	\$ 3,810.00	\$ 675.00	\$ 4,050.00	\$ 700.00	\$ 4,200.00
	Base Bid			\$	223,461.00	\$	335,339.00	\$	440,110.00	\$	329,216.00	\$	403,084.00	\$	402,347.00	\$	342,332.00	\$	315,927.00	\$	226,165.00
	Sales Tax @ 10%			\$	22,346.10	\$	33,533.90	\$	44,011.00	\$	32,921.60	\$	40,308.40	\$	40,234.70	\$	34,233.20	\$	31,592.70	\$	22,616.50
	Total Bid			\$	245,807.10	\$	368,872.90	\$	484,121.00	\$	362,137.60	\$	443,392.40	\$	442,581.70	\$	376,565.20	\$	347,519.70	\$	248,781.50

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1/25/2022

Bid Tabs

112th Street SW Water Main Replacement
Job# 800

Item	Description	Est Qty	Units	Miles Resources		Wolfskill Construction		Nova Contracting		Pape and Sons		Rodarte Construction		Ceccanti Construction		H-Con Construction		Builders Supply		Unit Price	Total
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total		
1	Mob	1	LS	\$ 25,490.00	\$ 25,490.00	\$ 55,000.00	\$ 55,000.00	\$ 66,000.00	\$ 66,000.00	\$ 44,500.00	\$ 44,500.00	\$ 57,750.00	\$ 57,750.00	\$ 50,000.00	\$ 50,000.00	\$ 37,000.00	\$ 37,000.00	\$ 49,684.96	\$ 49,684.96	\$	-
2	Minor Change	1	FA	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$	-
3	Potholing	21	EA	\$ 739.00	\$ 15,519.00	\$ 250.00	\$ 5,250.00	\$ 200.00	\$ 4,200.00	\$ 350.00	\$ 7,350.00	\$ 600.00	\$ 12,600.00	\$ 250.00	\$ 5,250.00	\$ 250.00	\$ 5,250.00	\$ 750.00	\$ 15,750.00	\$	-
4	Install 24" Furnished Water Main	1720	LF	\$ 87.95	\$ 151,274.00	\$ 95.00	\$ 163,400.00	\$ 120.00	\$ 206,400.00	\$ 110.00	\$ 189,200.00	\$ 60.00	\$ 103,200.00	\$ 125.00	\$ 215,000.00	\$ 36.00	\$ 61,920.00	\$ 68.26	\$ 117,407.20	\$	-
5	Install District furnished 24" gate Valve	1	EA	\$ 503.00	\$ 503.00	\$ 1,500.00	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00	\$ 3,200.00	\$ 3,200.00	\$ 750.00	\$ 750.00	\$ 900.00	\$ 900.00	\$ 1,300.00	\$ 1,300.00	\$ 3,884.48	\$ 3,884.48	\$	-
6	Install District Furnished 12" Gate Valve	2	EA	\$ 503.00	\$ 1,006.00	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00	\$ 6,000.00	\$ 1,400.00	\$ 2,800.00	\$ 400.00	\$ 800.00	\$ 500.00	\$ 1,000.00	\$ 650.00	\$ 1,300.00	\$ 3,884.48	\$ 7,768.96	\$	-
7	Install District furnished 20x20 Tapping sleeve and 20" Valve assembly	1	EA	\$ 2,516.00	\$ 2,516.00	\$ 20,000.00	\$ 20,000.00	\$ 3,000.00	\$ 3,000.00	\$ 12,000.00	\$ 12,000.00	\$ 20,000.00	\$ 20,000.00	\$ 5,000.00	\$ 5,000.00	\$ 10,500.00	\$ 10,500.00	\$ 7,768.96	\$ 7,768.96	\$	-
8	Install District Furnished 2-inch Air Releasse Valve Assembly	2	EA	\$ 1,258.00	\$ 2,516.00	\$ 7,000.00	\$ 14,000.00	\$ 3,000.00	\$ 6,000.00	\$ 2,000.00	\$ 4,000.00	\$ 2,500.00	\$ 5,000.00	\$ 2,800.00	\$ 5,600.00	\$ 1,300.00	\$ 2,600.00	\$ 15,537.93	\$ 31,075.86	\$	-
9	Install District Furnished Bypass assembly	1	EA	\$ 1,258.00	\$ 1,258.00	\$ 7,000.00	\$ 7,000.00	\$ 3,000.00	\$ 3,000.00	\$ 2,700.00	\$ 2,700.00	\$ 3,200.00	\$ 3,200.00	\$ 2,800.00	\$ 2,800.00	\$ 1,300.00	\$ 1,300.00	\$ 15,537.95	\$ 15,537.95	\$	-
10	Install District Furnished 36" PVC caseing	1	EA	\$ 2,516.00	\$ 2,516.00	\$ 4,000.00	\$ 4,000.00	\$ 6,000.00	\$ 6,000.00	\$ 2,000.00	\$ 2,000.00	\$ 7,500.00	\$ 7,500.00	\$ 5,000.00	\$ 5,000.00	\$ 2,500.00	\$ 2,500.00	\$ 7,768.96	\$ 7,768.96	\$	-
11	Connect To existing System	5	EA	\$ 4,026.00	\$ 20,130.00	\$ 4,000.00	\$ 20,000.00	\$ 6,000.00	\$ 30,000.00	\$ 8,700.00	\$ 43,500.00	\$ 6,500.00	\$ 32,500.00	\$ 5,000.00	\$ 25,000.00	\$ 4,100.00	\$ 20,500.00	\$ 35,403.56	\$ 177,017.80	\$	-
12	Install District Furnish Fittings	22	EA	\$ 114.00	\$ 2,508.00	\$ 1,000.00	\$ 22,000.00	\$ 1,000.00	\$ 22,000.00	\$ 1,900.00	\$ 41,800.00	\$ 1,000.00	\$ 22,000.00	\$ 500.00	\$ 11,000.00	\$ 230.00	\$ 5,060.00	\$ 176.57	\$ 3,884.54	\$	-
13	Trench excavation safety System	1	LS	\$ 7,120.00	\$ 7,120.00	\$ 5,000.00	\$ 5,000.00	\$ 26,800.00	\$ 26,800.00	\$ 4,500.00	\$ 4,500.00	\$ 100.00	\$ 100.00	\$ 500.00	\$ 500.00	\$ 2,800.00	\$ 2,800.00	\$ 42,781.51	\$ 42,781.51	\$	-
14	Traffic Control	1	LS	\$ 62,970.00	\$ 62,970.00	\$ 45,000.00	\$ 45,000.00	\$ 10,000.00	\$ 10,000.00	\$ 65,000.00	\$ 65,000.00	\$ 50,000.00	\$ 50,000.00	\$ 66,000.00	\$ 66,000.00	\$ 50,000.00	\$ 50,000.00	\$ 65,319.23	\$ 65,319.23	\$	-
15	Siltation Control	1	LS	\$ 9,790.00	\$ 9,790.00	\$ 5,000.00	\$ 5,000.00	\$ 2,000.00	\$ 2,000.00	\$ 300.00	\$ 300.00	\$ 6,000.00	\$ 6,000.00	\$ 5,000.00	\$ 5,000.00	\$ 3,500.00	\$ 3,500.00	\$ 42,409.96	\$ 42,409.96	\$	-
16	Compaction Tests	35	EA	\$ 274.00	\$ 9,590.00	\$ 250.00	\$ 8,750.00	\$ 100.00	\$ 3,500.00	\$ 300.00	\$ 10,500.00	\$ 180.00	\$ 6,300.00	\$ 300.00	\$ 10,500.00	\$ 315.00	\$ 11,025.00	\$ 509.30	\$ 17,825.50	\$	-
17	Crushed Rock	860	TN	\$ 29.90	\$ 25,714.00	\$ 55.00	\$ 47,300.00	\$ 40.00	\$ 34,400.00	\$ 37.50	\$ 32,250.00	\$ 35.00	\$ 30,100.00	\$ 22.00	\$ 18,920.00	\$ 25.00	\$ 21,500.00	\$ 29.95	\$ 25,757.00	\$	-
18	Pavement Sawcutting	3600	LF	\$ 4.95	\$ 17,820.00	\$ 0.65	\$ 2,340.00	\$ 1.00	\$ 3,600.00	\$ 3.00	\$ 10,800.00	\$ 0.90	\$ 3,240.00	\$ 1.00	\$ 3,600.00	\$ 1.65	\$ 5,940.00	\$ 2.50	\$ 9,000.00	\$	-
19	Traffic Signal Loop Detector Replacement	1	LS	\$ 10,205.00	\$ 10,205.00	\$ 10,000.00	\$ 10,000.00	\$ 10,100.00	\$ 10,100.00	\$ 3,750.00	\$ 3,750.00	\$ 6,000.00	\$ 6,000.00	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00	\$ 30,000.00	\$ 30,000.00	\$	-
20	Perm Asphalt Pavement For trench restoration	330	TN	\$ 105.00	\$ 34,650.00	\$ 135.00	\$ 44,550.00	\$ 200.00	\$ 66,000.00	\$ 210.00	\$ 69,300.00	\$ 220.00	\$ 72,600.00	\$ 175.00	\$ 57,750.00	\$ 160.00	\$ 52,800.00	\$ 206.78	\$ 68,237.40	\$	-
21	Permenant Asphalt for Overlay	240	TN	\$ 101.00	\$ 24,240.00	\$ 145.00	\$ 34,800.00	\$ 250.00	\$ 60,000.00	\$ 255.00	\$ 61,200.00	\$ 210.00	\$ 50,400.00	\$ 155.00	\$ 37,200.00	\$ 170.00	\$ 40,800.00	\$ 301.78	\$ 72,427.20	\$	-
22	Temporary Asphalt Pavement	165	TN	\$ 165.00	\$ 27,225.00	\$ 250.00	\$ 41,250.00	\$ 200.00	\$ 33,000.00	\$ 200.00	\$ 33,000.00	\$ 200.00	\$ 33,000.00	\$ 300.00	\$ 49,500.00	\$ 110.00	\$ 18,150.00	\$ 369.12	\$ 60,904.80	\$	-
	Sub Total			\$	\$ 479,560.00	\$	\$ 584,140.00	\$	\$ 630,000.00	\$	\$ 668,650.00	\$	\$ 548,040.00	\$	\$ 610,520.00	\$	\$ 385,745.00	\$	\$ 897,212.27	\$	-
	Sales Tax @ 10%			\$	\$ 47,956.00	\$	\$ 58,414.00	\$	\$ 63,000.00	\$	\$ 66,865.00	\$	\$ 54,804.00	\$	\$ 61,052.00	\$	\$ 38,574.50	\$	\$ 89,721.23	\$	-
	Total Bid			\$	\$ 527,516.00	\$	\$ 642,554.00	\$	\$ 693,000.00	\$	\$ 735,515.00	\$	\$ 602,844.00	\$	\$ 671,572.00	\$	\$ 424,319.50	\$	\$ 986,933.50	\$	-

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2022 Developer's Extension Agreement

Substantive changes made to the 2021 Developers Extension Agreement/Design-Construction Specifications & Standards document for review by Board of Commissioners: January 27, 2022

- No substantive changes.

2022 Developer’s Extension Agreement

Substantive changes made to the 2021 Developers Extension Agreement/Design-Construction Specifications & Standards document for review by Board of Commissioners: January 27, 2022

2021 Design and Construction Specifications

Substantive changes made to the 2021 Design-Construction Specifications & Standards document for review by Board of Commissioners: January 27, 2022

GENERAL PROVISIONS AND DESIGN STANDARDS FOR THE WATER DISTRIBUTION SYSTEM

1. **Page 3 – Section 1, GENERAL:** Updated reference to WSDOT/APWA Standard Specifications to reflect current version used on District projects.
2. **Page 4 – Section 5, QUALITY AND CARE OF MATERIAL:** Clarified somewhat conflicting language regarding the similarly named “Buy America Act” and “Buy American Act” to read that Domestic Fittings shall be per the Buy American Act, which is in line with current District practices.
3. **Page 9 – Section 16, PLANNING THE WORK:** Added subsection F to specify maximum time valves can be covered during paving work.
4. **Page 13 – Section 27, MATERIALS, B. DOMESTIC AND IMPORTED DUCTILE IRON FITTINGS:** Clarified definition of “domestic” to be in line with the “Buy American Act.” Added process and requirements for consideration of additional manufacturers and products to be considered for acceptance.
5. **Throughout:** Updated references to sections of WSDOT/APWA Standard Specifications that were outdated.
6. **Throughout –** Where applicable, updated staff titles to reflect new Operations Manager and Engineering Manager positions.

DESIGN AND CONSTRUCTION SPECIFICATIONS FOR DEVELOPERS & CONTRACTORS

1. **Page 30 – Section 5, CONNECTION TO THE EXISTING SYSTEM AND SYSTEM MATERIALS:** Corrected outdated references to WSDOT/APWA Specification sections.
2. **Page 32 – Section 10, CONCRETE THRUST BLOCKING AND MECHANICAL JOINT RESTRAINTS:** Added wording to reference standard details for restrained pipe lengths required.
3. **Page 38 – Section 25, A), 4. Use Meters:** updated water meter models to reflect current standards.

4. **Page 41 – Section 27, A), 1. General:** Add language requiring temporary water services to have backflow prevention devices.
5. **Page 42 – Section 27, A), 3., c) –** Updated prices listed for backflow prevention permits to current amounts.
6. **Throughout –** Where applicable, updated staff titles to reflect new Operations Manager and Engineering Manager positions.

STANDARD DISTRICT DRAWING DETAILS

1. **No Revisions**

Operations Manager Report December 2021

Presented January 27, 2022

OPERATIONS

Work ORDERS & PM's

337 Billing/Office Field Service Orders
33 Field Service Orders
00 Fleet Service Orders
18 Pumping Service Orders Pumping and Storage
388 Total Service Orders

DELINQUENT ACCOUNTS – Teri

147 Delinquent Accounts
27 Paid on Door Hangers or on Disconnect
120 Services Disconnected
111 Paid on Disconnect
9 Remained Disconnected at the end of the month

LOCATES- Debbie

218 Locate Requests Received
19 Requests were out of LWD Service Area
10 Locates were submitted by LWD
10 Cancelled Locates
189 Locates Completed
179 Total amounts owed

BACKFLOW- Shaun J.

250 Assemblies Tested
00 New Applications
08 New Installations Shaun
00 Assemblies Replaced – Shaun
13 Repairs- Shaun
00 Removals –Shaun
4624 Existing installations permitted - Shaun
237 Test Reports Completed & Entered - Shaun

Right of Way Permit: 3

12/1/21	8920 South Tacoma Way	Install 4" fire line connection & hydrant
12/2/21	7802 150th St. SW	Install new service
12/16/21	8716 104th St. SW	Install new service

Water Availability Letters: 12

12/1/2021	KIWI LLC DEAN INMAN	10510 BRIDGEPORT WAY SW	R/REMODEL	2335201243
12/1/2021	ADAM & MARIA URBINA	10906 103RD AVE CT SW	R/REMODEL- ADDITION	5505500110
12/2/2021	ANDREY GRIGORASH	8111 VETERANS DR SW	R/NEW CONST	6780000032
12/3/2021	BROWN BEAR CAR WASH	10913 BRIDGEPORT WAY SW	C/NEW CONST	5080000041
12/2/2021	NATTHANAN THONGSUPHAPHON	9937 CLARA BLVD SW	R/NEW CONST	5020000443
12/9/2021	CASSIE PICARD/TASH RES	31 COUNTRY CLUB DR	R/NEW CONST	3250000090
12/6/2021	JAMES GUERRERO	236 LAKE LOUISE DR SW	R/REMODEL- ADDITION	219043038
12/8/2021	VASSILY LUER	10206 LILA LN SW	R/NEW CONST	5400301910
12/14/2021	ROBLES RESIDENCE	5114 DIAMOND BLVD SW	R/REMODEL- ADDITION	5400200430
12/14/2021	REDEEM CHURCH	9315 GRAVELLY LK DR SW	C/REMODEL	220353007
12/15/2021	TAC KOREAN BAPTIST CHURCH	8826 JOHN DOWER RD	C/ADDITION	220357002
12/22/2021	SHAWN DUNCAN	8918 FRANCES FOLSOM ST	R/REMODEL	6385300315

MAINTENANCE

Bobby Gaskin – Department Head

NEW SERVICES:

None to report this month

MAINS MAINTENANCE

Nothing to report This Month

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

36H31 - @ 6000 Main St SW – Hard to Operate replaced o rings gaskets / added hydrant oil

22HV16 @ 3901 100th St. SW Damage by Transportation Semi truck- Had to dig up and rebuild

87H09 @ 8401 Spruce St. SW would not shut down- replaced main hydrant gasket

22H33 @ 9920 SO. Tacoma Way- Hard to Operate replaced o rings gasket / added hydrant oil

Hydrant Replacement:

None to report this month.

METER MAINT.

None to report This month

Flushing Season:

Completed the Annual Flushing programs in May.

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

978 for this month

Disconnects:

We had 120 disconnects this month

Training:

None to report this month

CAPITAL & R & R PROJECTS – Operations Manager Projects

Deleted all but Dec of 2020 for space purposes: 12-1-2020 It looks like the Gravelly Lake Project might possibly start a month or two late. We had received conflicting information with

respect to the phasing of the project, so I got off the phone with the City Engineer and he has told me the project is expected to last up to 15 months, but the additional timeframe is to get the Light Poles and the like installed in his mind all the water work would be complete in 2021. Work continues designing Phases 2-4 of 39th, The Front Street Project, and Gravelly Lake Drive. We will be selecting consultants to design the 112th Project, and the Steilacoom Lake Drive Project after the first of the year. 1-7-21 Work continues the design for Gravelly Lake, and 39th, we have design finished for 108th Street Crossings and are actively seeking installation pricing at this time. Front Street Design is at 60% or better as is 39th and Gravelly so we anticipate these projects starting to bid in February time frames. 2-3-21 Work continues the designs for Gravelly Lake Drive Project and Phase 2-3 of 39th Ave. We are working with BMC on 40th to try to obtain an easement as the utilities are so tight in the street. We are also working with the Clover Park School District to get an easement through the school property between Early and 100th. This will be a large project at 5000 feet. Design work continues on the Scotts Filtration project as well, the Iron and Manganese has been bid, the GAC vessels and Media was put out to bid on the 3rd with opening set on the 16th. 3-1-21 We have selected Consultants for the upcoming '22 projects: RH2 will continue with Phase 4 of 39th which will take the 20 from Scotts to Mont Grove, Parametrix will finish Front Street for Construction in '22, Murray Smith will be designing the second Phase of Steilacoom Lake Drive for '22, and we are asking David Evans (formerly CHS) and Parametrix to give us scope and budget on 112th street upsizing main to 24" on either side of I-5. 4-5-21 we have selected Parametrix to design the 112th Street Project, they built the project leading up to where we are at and have the time to get this project pounded out and ready for bid after the 1st of the year in 2022. 5-5-21 We are waiting on the scope and budget from Murray Smith on Lake Steilacoom Dr. phase 2 project, Parametrix is working on 112th, and Front Street is at 90% design and holding until next fall. 6-9-21 Same this month we are waiting for submissions of preliminary plans for both Steilacoom and 112th. 39th phase 4 is at 60% plans so that will be no issue getting out late this year for next year's work. 8-3-21 Murray Smith has started the design on the second phase of the Steilacoom Lake Drive Phase 2 Project, they have started baseline survey, and engineering locates. We are anticipating design completion by January 2022, and construction later in 2022 after the North Fort Project on Gravelly and Washington. 9-9-21 The City of Lakewood has announced they will be continuing with Phase 2 of the North Fort Project replacing curb gutter sidewalk and paving on Washington Blvd, we will be replacing the water main as a part of this. 10-6-21 we have switched gears and started back designing the Washington Project with the City, we will continue to work on the design of Lake Steilacoom Dr project with Murray Smith. Design continues 112th Street to SouthTacoma Way, as well as Halcyon to Pac HWY. Those three projects will comprise our R & R budget next year. 11-5-21 Parametrix is at 100% drawings for the Washington Blvd Project with the city. We are reviewing it and have requested a phasing plan from the City of Lakewood. This will be a large project, and the right phasing can help a great deal, and the wrong Phasing can make the project much more expensive and time consuming. **1-11-22 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.

WSDOT Washington and Berkley & union and North Thorne Project (Job 742)

Prior Year removed in order to reduce the length of the report: 2020

1-7-21 We met with the design build team a few weeks ago to discuss an option they were proposing for the Murray Roadside, and after we had come up with an acceptable plan for the water and sewer work required by the project, they decided they would propose we keep all of our facilities in place, which leaves Pierce county and LWD in a bind as the roundabouts built over them will make repairs or replacements extremely costly and time consuming. We objected heavily and told them we were not prepared to allow that option to take place especially after we had all spent months getting the design to meet all our need's prior. We were not prepared to scrap that design and allow them to save some money. The contractor was obviously not pleased with our reply, and WSDOT was supportive of our position. 2-3-21 We still have a great deal of work to be completed in this area, the discussion of who is responsible continues, but for now we will focus on the work to be completed. At present the work at Washington and Berkley has been completed, but work on The North Thorn Side remains unfinished, we will need their contractor to install the balance of the 500-600 feet of main and make the connection at North Thorne, so this loop is completely functional again. All the work remains unfinished on the Murray Roadside of the project. Some issue has come up after we agreed to a plan to finish the work, and we are not sure of where the project sits at this moment. But we have told the contractor and WSDOT that now that there is a Traffic round in place, and the area now falls into an exclusionary zone, with WSDOT this means that we would not e able to access this without additional permits, making maintenance considerably more difficult. The plan we had agreed to would have moved our facilities out and away so that we could maintain them at will, it appears now that the contractor has some capability in costs for this move now, and thus the request for us not to move the facilities. We have respectfully declined and asked that the facilities be relocated as agreed upon. 3-1-21 We have approved materials for the work to continue so we anticipate that this balance of the waterline improvements is going in soon. This project is supposed to be complete later this summer, so we know it can't drag on much longer. We will then have the task of finalizing and

fighting over who is responsible for these costs incurred. As you recall when this started a couple of years ago, they were thinking we would pay for all waterline relocation costs, we disagreed and then we moved forward with the idea that this issue would be solved at a later point. My guess is that this latter point is getting close. We feel comfortable with our position, and we are not the only one stating the same position to the AG as Pierce county and the Sewer lines are being affected similarly, but as you are all aware there is never a guarantee in a legal proceeding. 4-5-21 we have been notified that KLB Atkins civil contractor will begin the final phases of the waterline work starting the 21st of April, with the Berkley area then moving to the North Thorne area followed by the work at Murray Road it would appear that we are back on for the re-routing of the main to avoid the Security Area for WSDOT. 5-5-21 this work is nearing a close with work competing at Washington and Berkley, and well as North Thorne. The placement of the new casing went in this last Saturday, and all that remains is the connection of the main from the I-5 Crossing to the next casing and pipe and the completion of the main to 46th Street. 6-9-21 completing of the water portion of this project is imminent we are hoping to have this work completed and back in service by the end of next week. This has proven to be quite a challenge. 8-3-21 This project has been completed, and the water is working normally in all areas, the issue of payment looms at this stage. There were portions of the work that were clearly not LWD's responsibilities, but a significant portion of this project we did under protest and with the understanding that a resolution would be determined at a later date. LWD and Pierce County Sewer were both forced to relocate significant portions of main. Our contention is that we have franchises with the City of Lake wood that would require this work to be covered, WSDOT bought the property from the City and is then giving it back them. This issue has not been resolved, so there remains some level of liability potential for the district if our position is not upheld. **10-6-21 We had the WSDOT contractor do some warranty work, they had a water valve paved over. But this should be it for that scope of work.** **1-11-22 This project will be removed in January 2022 report.**

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: 2020

1-7-21 Plans are at or near the 60% mark we will review them once received and turn them around quickly. We are anticipating the City to put this out to bid in February for an April start time frame. 2-3-21 This project is in the final design stages, LWD has submitted their final 100% drawings to the City for inclusion in their plans, we are waiting for the City to Advertise and award this contract. Recall please that we are working with the City this saves us a great deal of restoration and mobilization and traffic control costs. We are anticipating this work starting for LWD's portion in April and to have the water line completed by the end of the year '21. 3-1-21 This project is out for bid and will be opened on the 2nd of this month at 2:00 pm

this will let us know who we are going to be working with. Award will not happen until the council meeting later in the month. 4-5-21 R.L Alia was awarded the project, they are working on schedule but have told us they will not start until late in May, they have also told us that they will be starting at the Nyanza end of the project and working their way back to Washington and Gravelly. They will not be doing the Washington portion of the project until 2022 so we will only build about 75% of the water main portion of this project the balance will carry over in to 2022, this means that we have additional funds available for some of the other projects we have coming online like the Scott's Filtration facilities, the Steel Shop building, or 39th Ave Phase 2-3. 5-5-21 RL Alia has yet to start this work it looks as of now that the first week in June is the new Start date, as we had mentioned earlier this means that the project completion is likely to be in 2022 which means we will have to carry over the unfinished balance into the following year. 6-9-21 RL Alia has begun work on this project they have been installing water main from the near the intersection at Gravelly and Pacific Hwy back to the Gravelly and Nyanza intersection. This work is required to be completed so that they can divert traffic from Gravelly around Nyanza Road this detour is expected to occur on the 21st of June from that point forward the road will be closed to through traffic. Our GIS tech has generated a map for alternate routes for our workers. It is anticipated that work will continue in phases through the end of the year with some break for winter weather and restart at the Washington Gravelly intersection in March of '22 and completing before June, but for the street lights these need to have the bases in and the bolt pattern surveyed for each base so that the elevation and the arm length for each can be designed and built this can take 15-20 weeks and thus the 18Months on the city contract although the largest portion of the work will have been completed for some time. Just as what played out on the previous Gravelly Lake project. 7-6-21 Alia has put in enough water to re-route the traffic over to the permanent detour around Nyanza. We anticipate a couple weeks before they start laying main again from the Traffic round at Nyanza top the north-west heading towards the Country Club. 8-3-21 Alia has been doing well, they are roughly 1/2 way done laying main and by the 4th will have the main and services transferred over from the old to the new between Pac Hwy and the Country Club Road. This project is being built in phases with the next ending at Veterans with the Traffic round installation then late this year the stretch up to the start of the roundabout at Washington and Gravelly this will start early spring 2022 and finish mid-year. 9-10-21 this project continues to progress nicely they have broken the halfway mark on this project. As it set right now the plan would be to finish this project by May of 2022. The City has informed us that the second phase of this project will bid in January with a May June Start date. This will require that we participate with them and install roughly 1.5 million in water line improvements. This was not anticipated until 2023 so some shuffling of capital project will be required in 2022. 10-6-21 Alia continues to progress; they lost a good portion of the month of September due to COVID outbreak worked only 7-8 days. 11-5-21 The project is moving along, the phasing has it in front of the district, and closing veterans drive so access is likely as impacted as possible. They are demoing this phase and will begin installing water in a week or two. WE

anticipate that this Phase will take them in to the new year, and then finally finishing with the traffic round and Washington and Gravelly, and the last portion of the project the traffic round at Interlaaken. The second phase of this project will bid out in January and will start in May at the far end over by the North Fort. 12-3-21 work continues this project they have phased the project in a different fashion than we were told they would and that has required some temporary connections to existing etc., but overall project is going well, and is on pace to be completed in spring of 2022 with final traffic round being installed at Interlaken. **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.**

39th AVE Steilacoom to 96th (749):

Prior Year removed in order to reduce the length of the report: 2020

12-1-2020 The Contractor is doing well this project has turned out to be a bit more challenging than any of us had expected. The Secondary power is not something that the power company locates it appears, so the contractor has found these drops on several occasions slowing the installation down each time. Despite the difficulties they will be pressure testing the main from Steilacoom over to South Tacoma way via 94 this week. And starting on 39th Ave Court as soon as the pressures and purities come back for the portion that is completed. 1-7-21 This has been a tough project we have encountered a significant amount of un-located utilities. These have cost the contractor and we anticipate some change orders will need to be written to address these uncontrolled issues. We will be complete with the Tie in and services by next Wednesday and be waiting for weather suitable for the restoration work, and final paving. Pape and sons have done a great job as usual and have worked well with us to get this project completed. 2-3-21 This project has been completed the Final paving and punch lists have been finished. Pape and sons did a great job again for us, and we look forward to working with them again very soon. **6-9-21 this project is complete and just pending L&I approval. 1-11-22 This project has been closed and will be removed in January report.**

39th AVE Phase 2 and 3 Job# 780:

12-1-2020 RH2 engineers are hard at work designing the next phases of this project, we are designing this project in phases such that if the money is insufficient to build it all that we can parse out portions of the work and keep moving. We have Asked RH2 to design the crossing at Halcyon as well as this work will need to be complete before the Scotts Site contractor will be on board. This work must be completed as the City of Lakewood is planning on a grind

and overlay project from Pacific Highway to Bridgeport and we would need this in place by April. 2-3-21 Design continues this project as we mentioned in the engineering portion of this report, we are working on easements with Clover Park School District as well as BMC. These will both greatly assist the project; it was not until after the utilities were marked that the density of the other utilities in the area were revealed. 3-1-21 We have been working with the Clover Creek School District on an easement and we have just sent in what we hope to be the final draft to the District. We are optimistic we can obtain this easement, we have similar optimism with BMC we have worked around most of their concerns and are awaiting word back from their real estate department, as BMC was very recently purchased. Again, we are optimistic that this will come through soon. We are looking at a similar start time for this as with Scotts' and Gravelly Lake Drive, which will make for a very busy summer. 4-5-21 we have worked through our issues with the School District, and all is moving ahead as planned we are hopefully finishing up the BMC easement this week then we can finish the plans and get this project out on the street for bid very soon. We are optimistic that with funds freeing up from another project that we will be able to get this project completed through 108th street, with only the 4th phase remaining for 2022. 5-5-21 we have resolved the issue with the school district as well as the easement with BMC so we have submitted the permits, and are finalizing the design with the Cities comments. We anticipate this going out to bid in late May, much later than we had expected, but we did run in to some significant delays, due to easement and permits. 6-9-21 This project was put out to bid, and Miles Resources was determined to be low bidder, the supply of the material remains to be the issue with this and any other projects we put out this summer, we have been working with vendors and suppliers to get this project underway, our primary goal is to get the work in front of the school completed. We have a temporary construction easement that expires on 12/31/21 which is 25' wide giving us more room to work, and a permanent 20' Easement. 7-6-21 Miles Resources was low bid on this project, they started work Mobilizing in on the 29th. Their schedule has them finishing in December, but we are hoping it will go faster than that. They are working Back from the Early learning center in order to make sure they don't interfere with school business in September. Once they Hit 100th Street they will be on Nights until they tie in at 39th this was one of the agreements we made to get the ROW through BMC, this easement saved us from having to replace the main through this section in place requiring High lines to the customers as we would have had to put the new main in where the old line is currently. This is a target rich environment with utilities everywhere. 8-3-21 This project has been a challenge to say the least, the progress has been slow, and marked with miss located utilities and surprises along the route. Miles has been moving steadily and is on track to finish the main and service up to the 39th Tie in near the end of the month. This has all be night work, they are moving through the BMC property now with likely main installation through the end of next week, with pressure and purities tie in and services to follow. We have found unmarked septic systems, and sanitary sewer force mains scattered throughout and un-located. We did hit a force main that came right out of the lift station on 40th it was miss located by 7-8 feet

laterally and about the same off in depth. 9-10-21 We are nearing the completion of Phase 2 with just a few hundred feet left to go, phase 3 is a shorter project with less complications so we are hoping that this section of the project will progress more quickly. The contractor has experienced several material delays and some delays due to design and locate issues and is not anticipating completion the First week of December versus the last week of October. We are still reviewing the schedule but would anticipate most of these delays are valid. 10-6-21 Work continues this project, they have lost time with Vacations from lead operator, and now their foreman is gone, they set back and started running services instead of continuing with the main. 11-5-21 Miles resources is closing in on this project, they have several tie in to complete and about ten days of Services to complete but we are expecting this to all occur before Thanksgiving, the final restoration will be completed based on weather so its anyone's guess at this time. 12-3-21 This project is complete but for the punch list items, we ran about a month over on this project due to supply chain issues and time off during the projects for sick crews etc. But it looks like this project is coming in under budget, the crushed rock number had a bust in it and has significantly under ran, and the paving quantities after the first paving came back in line and we ended up with a small underrun on that as well. **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.**

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

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

gallons a day that will accelerate our take schedule but over a decade and we will need to be able to produce consistently 7.5 million gallons a day and beyond. 6-9-21 This project is ready to go out to bid, we will refresh the frontend specs and put this out near the end of the year for Construction in early 2022. 10-6-21 This project has been put on hold until 2023 Modelling in house has contradicted with the timing of this project, so we are holding it off. **1-12-22 It looks like with the long lead time on materials etc. we will need to look at bidding this work in August or September of this year for construction in 2023. This may be the only way to get a full construction year in.**

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 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 on this project, December was a slow month with weather, and the holidays, Ceccanti requested the week between Christmas and New years off, 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.

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 look into 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 it 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 with out 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.**

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.

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.

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.
3. Groundwater Wells
 - a. Oakbrook O-2, O-3 Wells, Country Place U-1 Well, and Scotts Wells are offline due to new PFAS regulations. These wells were turned off in late December; Scotts wells will be turned back on once construction of treatment facility is completed this spring.
 - b. The P-1R Well at the Steilacoom Boulevard site was inspected, rehabilitated and tested. A new 500 gpm pump and motor are on order and should be able to put this well into service ahead of this summer; this well has been offline for many years.
 - c. The D-2 Well at the office was tested further and we have been able to increase flow from approximately 900 gpm to 1,500 gpm.
4. Booster Pumps
 - a. Maintenance was performed at the second Wholesale Pump Station on two pump seals, we are coordinating with the supplier to perform similar work at the first Wholesale Pump Station.
 - b. We were able to verify the flow rate of our 114th & Military Road pump station, which does not have a permanent flow meter and will be instrumental in helping provide the north end of the system once we take the Oakbrook Wells offline. This information is valuable in the planning of operations.
5. Equipment out of service
 - a. A-3 well motor is being repaired to be able to return to service by summer.
 - 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.
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.
 - c. Specifications for well rehabilitation and testing of F-2, P-2, and S-2 wells were sent out to three well driller/rehabilitation contractors. Unfortunately only one has availability to start the work before the fall and prices quoted were higher than anticipated.
 - d. Seismic fittings and emergency generator project is out to bid, will open bids on February 8th.

Capital Projects

1. Scotts well site treatment project
 - a. G-3 Well building is constructed and being roofed.
 - b. Backwash tank for GAC system has been completed.
 - c. Electrical and mechanical work is underway.
 - d. Disinfection of GAC vessels is underway.
2. FEMA projects - 2 project grants.

- a. Steilacoom Blvd Tank Seismic Retrofits – T Bailey has begun construction. So far project is progressing well, some unanticipated field changes have occurred, but that is to be expected with any construction project.
- b. Emergency Generators and Well Improvements project – Bid documents are published and bids will be opened on February 8th. Generator equipment has a lead time of approximately 8 months currently, this will allow for site work to be completed next year and for generators to be in place in the fall.
3. R-2 Well Drilling
 - a. Holt Services has begun drilling and is approximately 100 feet deep with their drilling. We anticipate an approximately 600 feet deep well.
4. ARPA program (America Rescue Plan Act) - \$13.7M to City of Lakewood
 - a. Resubmitted an updated request for the construction of a new well at the hospital campus. City Council will consider requests received from the community in March.
2. Design/Construction Standards and Developer Extension Agreement updates
 - a. Proposed updates to the Developer's Extension Agreement and Design/Construction Standards are summarized in the attached memorandum and are proposed for approval by the Board of Commissioners. Updates were generally minor.

Water Quality

1. Completed monthly water quality samples.
2. Latest round of PFAS samples complete, no significant changes from earlier rounds of sampling. Took some additional samples at the Oakbrook O-2/O-3 wells given their PFAS levels being close to the proposed state action levels (SALs) for PFOS. The PFAS levels in the O-2 Well dropped below the recently established SAL for PFOS and this has shown in the last two rounds of sampling. The PFOS levels in O-3 continue to be above the SAL. Results for samples taken in January will be available before the next Board of Commissioners meeting. The 88th & Pine Well site was sampled at a different location that better represents water as it enters the distribution system and was below all SALs.

Water Storage

1. The Steilacoom Boulevard Seismic Retrofit project has started and will keep this tank out of service for several months. Below grade piping and foundation work is underway.