

MINUTES OF THE GREEN AREA WATER & SANITARY AUTHORITY
BOARD OF DIRECTORS MEETING
July 13, 2023

Board Chair Tracey Parker called the regular Board meeting to order at 5:00pm.

BOARD DIRECTORS PRESENT:

Tracey Parker, Chair
Brenda Kingry, Treasurer
Tom Fullbright

BOARD DIRECTORS ABSENT:

Carolyn White
Steve Lusch

GAWSA STAFF PRESENT:

David Campos, General Manager
Alan Paulson, Operations Manager
Shannon Miller, Collection System Supervisor

ALSO PRESENT:

Kat Stone, Customer

Director Brenda Kingry made a motion to approve the following leak adjustment credit:

Leta Upton: \$99.75

Director Tom Fullbright seconded the motion. The motion passed unanimously.

Director Fullbright made a motion to approve the June regular Board meeting and Budget Committee meetings minutes and accounts payable. Director Kingry seconded the motion. The motion passed unanimously.

David Campos presented the General Manager's report. David provided an update on the sanitary office remodel. David stated that he and Betti Manfre are nearing completion on a preliminary design and will take the finished design to Tom Rogers for Engineering. A brief discussion followed.

David requested the Board approve Pay Application #1 to Cradar Enterprise in the amount of \$144,578.48 for the Hwy 42 pipe bursting/manhole replacement project. Director Kingry made a motion to approve Pay Application #1. Director Fullbright seconded the motion. The motion passed unanimously.

David informed the Board that, during a conversation between Metereaders and GAWSA office staff, Metereaders requested to meet with me to discuss an Advanced Metering Infrastructure (AMI) option they now offer as a service. David and Alan will be meeting with Metereaders to see what they have to offer. Director Fullbright stated that he is not interested in switching to automated metering and believes we should continue utilizing the manual read service. David agreed but stated that we need to be prepared if Metereaders changes their business model and goes away from manual read services.

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Collections System Supervisor Shannon Miller presented the sanitary operations report. Shannon stated that there was a brief power outage at G4, but everything is running fine, including the generator.

Shannon stated that everything went fairly smooth with the Hwy 42 pipe bursting project. Cradar did a great job.

Operations Manager Alan Paulson delivered the water operations report. Alan stated that operations are going smoothly, and Fire District No. 2 is still flushing hydrants. A brief discussion followed.

There being no further business for the good of the order, Director Kingry made a motion to adjourn the meeting. Director Fullbright seconded the motion. The motion carried unanimously, and Chairperson Parker adjourned the meeting at 5:20pm.

Board Member

Tracey Parker, Board Chair

**Green Area Water & Sanitary Authority
GAWSA Expense Detail**

July 2023

Type	Date	Num	Name	Memo	Debit	Balance
506-1 - Health Ins Benefits- WA						
Check	07/25/2023	11074	SDIS	July 2023 health and supplemental ins prems	4,079.47	4,079.47
Check	07/25/2023	11074	SDIS	August 2023 health and supplemental ins prems	4,079.48	8,158.95
Total 506-1 - Health Ins Benefits- WA					8,158.95	8,158.95
506-2 - Health Ins Benefits - SA						
Check	07/25/2023	11074	SDIS	July 2023 health and supplemental ins prems	4,079.48	4,079.48
Check	07/25/2023	11074	SDIS	August 2023 health and supplemental ins prems	4,079.47	8,158.95
Total 506-2 - Health Ins Benefits - SA					8,158.95	8,158.95
510-1 - Acctg/Budget Costs - WAdmin						
Check	07/24/2023	11064	NEWS REVIEW	Inv #89165 / Notice of Budget Hearing publication	141.75	141.75
Total 510-1 - Acctg/Budget Costs - WAdmin					141.75	141.75
510-2 - Acctg/Budget Costs - SAdmin						
Check	07/24/2023	11064	NEWS REVIEW	Inv #89165 / Notice of Budget Hearing publication	141.75	141.75
Total 510-2 - Acctg/Budget Costs - SAdmin					141.75	141.75
512-1 - Legal Fees - WAdmin						
Check	07/03/2023	11044	NORTHWEST LOCAL GOVERNMENT LEGAL ...	Inv #13449,13471 / Consult regarding board candidates information on website	55.00	55.00
Total 512-1 - Legal Fees - WAdmin					55.00	55.00
512-2 - Legal Fees - SAdmin						
Check	07/03/2023	11044	NORTHWEST LOCAL GOVERNMENT LEGAL ...	Inv #13449,13471 / Consult regarding board candidates information on website	55.00	55.00
Check	07/03/2023	11044	NORTHWEST LOCAL GOVERNMENT LEGAL ...	Inv #13449,13471 / Draft revision and review for emergency sewer pipe bursting project	275.00	330.00
Total 512-2 - Legal Fees - SAdmin					330.00	330.00
514-1 - Elections - W						
Check	07/13/2023	11056	DOUGLAS COUNTY CLERK	May 2023 Election prorated costs	667.54	667.54
Total 514-1 - Elections - W					667.54	667.54
514-2 - Elections - S						
Check	07/13/2023	11056	DOUGLAS COUNTY CLERK	May 2023 Election prorated costs	667.54	667.54
Total 514-2 - Elections - S					667.54	667.54
515-1 - Office Supplies - WA						
Check	07/13/2023	11051	CANON SOLUTIONS AMERICA, INC.	Inv #6004623465 / Office copier maintenance 5/20 - 6/19	29.14	29.14
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Primo Water - office bottled water	26.47	55.61
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Costco - bathroom tissue/hand towels/water for budget mtg	50.07	105.68
Check	07/24/2023	11062	CANON SOLUTIONS AMERICA, INC.	Inv #6004314434 / Office copier maintenance 4/20 - 5/19	26.87	132.55
Check	07/25/2023	11077	STAPLES	Inv #3757 / USB-A to USB-C cable	8.99	141.54
Check	07/25/2023	11078	STAPLES CONTRACT	Inv #8070412386 / Logitech webcam, keyboard, 4-drawer file cabinet	257.48	399.02
Check	07/25/2023	11078	STAPLES CONTRACT	Inv #8070995623 / Keurig filters, coffee, bankers boxes, hand soap refill, janitorial	141.92	540.94
Total 515-1 - Office Supplies - WA					540.94	540.94
515-2 - Office Supplies - SA						
Check	07/13/2023	11051	CANON SOLUTIONS AMERICA, INC.	Inv #6004623465 / Office copier maintenance 5/20 - 6/19	29.13	29.13
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Primo Water - office bottled water	26.46	55.59
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Costco - bathroom tissue/hand towels/water for budget mtg	50.07	105.66
Check	07/24/2023	11062	CANON SOLUTIONS AMERICA, INC.	Inv #6004314434 / Office copier maintenance 4/20 - 5/19	26.86	132.52
Check	07/25/2023	11077	STAPLES	Inv #3757 / USB-A to USB-C cable	9.00	141.52
Check	07/25/2023	11078	STAPLES CONTRACT	Inv #8070412386 / Logitech webcam, keyboard, 4-drawer file cabinet	257.48	399.00
Check	07/25/2023	11078	STAPLES CONTRACT	Inv #8070995623 / Keurig filters, coffee, bankers boxes, hand soap refill, janitorial	141.93	540.93
Total 515-2 - Office Supplies - SA					540.93	540.93
516-1 - Communication & IT						
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Zoom - annual subscription Zoom Meetings + Webinar	419.95	419.95
Check	07/14/2023	ACH	CARDMEMBER SERVICE	lpower.com - domain renewal rcwaterdistrict.com	402.63	822.58
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Right Networks - Office365, Transaction Pro Deleter/Importer/Exporter	47.48	870.06
Check	07/24/2023	11063	DOUGLAS FAST NET	Water office phone/fax/internet	109.50	979.56
Check	07/24/2023	11063	DOUGLAS FAST NET	Water office phone/fax/internet	109.53	1,089.09
Check	07/25/2023	11080	SYSTECH CONSULTING, LLC	Inv #8292 / Managed IT service plan - May	577.00	1,666.09
Check	07/25/2023	11080	SYSTECH CONSULTING, LLC	Inv #8778 / Managed IT service plan - June	577.00	2,243.09
Paycheck	07/31/2023	DD1668	Campos, David M	Direct Deposit	50.00	2,293.09
Total 516-1 - Communication & IT					2,293.09	2,293.09
516-2 - Communication & IT - S						
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Zoom - annual subscription Zoom Meetings + Webinar	419.95	419.95
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Right Networks - Office365, Transaction Pro Deleter/Importer/Exporter	47.47	467.42
Check	07/24/2023	11063	DOUGLAS FAST NET	Sewer office phone/fax/internet	368.03	835.45
Check	07/24/2023	11063	DOUGLAS FAST NET	Sewer office phone/fax/internet	317.60	1,153.05
Check	07/25/2023	11080	SYSTECH CONSULTING, LLC	Inv #8292 / Managed IT service plan - May	577.00	1,730.05
Check	07/25/2023	11080	SYSTECH CONSULTING, LLC	Inv #8778 / Managed IT service plan - June	577.00	2,307.05
Total 516-2 - Communication & IT - S					2,307.05	2,307.05
517-1 - Utilities- WA						
Check	07/13/2023	11047	AVISTA UTILITIES	Water office natural gas 4/21 - 6/21	38.36	38.36
Check	07/24/2023	11071	PACIFIC POWER	Water office electricity 5/2 - 6/30	387.72	426.08
Total 517-1 - Utilities- WA					426.08	426.08
517-2 - Utilities- SA						
Check	07/13/2023	11047	AVISTA UTILITIES	Sewer office natural gas 4/21 - 6/21	105.39	105.39
Check	07/24/2023	11071	PACIFIC POWER	Sewer office electricity 5/2 - 6/30	454.70	560.09
Total 517-2 - Utilities- SA					560.09	560.09
518-1 - R & M Office - WA						
Check	07/24/2023	11069	OREGON LINEN	Inv #965498 / Rug service water office	69.90	69.90
Total 518-1 - R & M Office - WA					69.90	69.90
518-2 - R & M Office - SA						
Check	07/25/2023	11073	STAPLES	Inv #311427 / June pest control - sewer office	45.00	45.00
Check	07/25/2023	11073	STAPLES	Inv #311496 / July pest control - sewer office	45.00	90.00
Total 518-2 - R & M Office - SA					90.00	90.00

**Green Area Water & Sanitary Authority
GAWSA Expense Detail**

July 2023

Type	Date	Num	Name	Memo	Debit	Balance
522-1 - Travel & Training - WA						
Check	07/13/2023	11048	BASSETT-HYLAND ENERGY	Inv #CL17226 / Admin Venza fuel	21.14	21.14
Total 522-1 - Travel & Training - WA					21.14	21.14
522-2 - Travel & Training - SA						
Check	07/13/2023	11048	BASSETT-HYLAND ENERGY	Inv #CL17226 / Admin Venza fuel	21.14	21.14
Total 522-2 - Travel & Training - SA					21.14	21.14
523-1 - Dues & Subscriptions - WA						
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Shutterstock - monthly subscription	15.00	15.00
Total 523-1 - Dues & Subscriptions - WA					15.00	15.00
523-2 - Dues & Subscriptions - SA						
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Shutterstock - monthly subscription	14.00	14.00
Total 523-2 - Dues & Subscriptions - SA					14.00	14.00
525-1 - Misc. Expense - WA						
Check	07/03/2023	11044	NORTHWEST LOCAL GOVERNMENT LEGAL ...	Inv #13449,13471, interest charges	6.20	6.20
Check	07/13/2023	11047	AVISTA UTILITIES	Late fee	3.00	9.20
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Fun Cuisine - 50% deposit for Christmas Party catering	671.12	680.32
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Ray's Food - safety mtg food	8.50	688.82
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Albertsons - Bag ice	2.99	691.81
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Subway - budget mtg food	131.98	823.79
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Interest charge	125.10	948.89
Check	07/24/2023	11063	DOUGLAS FAST NET	Late fee	10.55	959.44
Check	07/25/2023	11077	STAPLES	Finance charge	4.27	963.71
Total 525-1 - Misc. Expense - WA					963.71	963.71
525-2 - Misc Expense - SA						
Check	07/03/2023	11044	NORTHWEST LOCAL GOVERNMENT LEGAL ...	Inv #13449,13471, interest charges	6.20	6.20
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Fun Cuisine - 50% deposit for Christmas Party catering	671.11	677.31
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Ray's Food - safety mtg food	8.50	685.81
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Albertsons - Bag ice	2.99	688.80
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Subway - budget mtg food	131.98	820.78
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Interest charge	125.11	945.89
Total 525-2 - Misc Expense - SA					945.89	945.89
526-2 - Rental Property Maintenance						
Check	07/24/2023	11071	PACIFIC POWER	Holgate rental electricity 5/3 - 7/3	100.87	100.87
Check	07/24/2023	11071	PACIFIC POWER	Harmony rental electricity 5/3 - 7/3	38.85	139.72
Total 526-2 - Rental Property Maintenance					139.72	139.72
531-1 - Statement Printing/Mailing - WA						
Check	07/13/2023	ACH	BMS TECHNOLOGIES	Inv #86475 / May billing statements printing/mailling	1,023.15	1,023.15
Check	07/15/2023	ACH	BMS TECHNOLOGIES	Inv #86865 / June statement printing/mailling + CCR report	1,591.14	2,614.29
Total 531-1 - Statement Printing/Mailing - WA					2,614.29	2,614.29
531-2 - Statement Printing/Mailing - SA						
Check	07/13/2023	ACH	BMS TECHNOLOGIES	Inv #86475 / May billing statements printing/mailling	1,023.15	1,023.15
Check	07/15/2023	ACH	BMS TECHNOLOGIES	Inv #86865 / June statement printing/mailling	1,016.55	2,039.70
Total 531-2 - Statement Printing/Mailing - SA					2,039.70	2,039.70
532-1 - IVR System Costs - WA						
Check	07/13/2023	11058	IVR TECHNOLOGY GROUP	Inv #IV17177 / May IVR maintenance and transaction fees	63.43	63.43
Check	07/13/2023	11058	IVR TECHNOLOGY GROUP	Inv #IV17473 / June IVR maintenance and transaction fees	62.89	126.32
Total 532-1 - IVR System Costs - WA					126.32	126.32
532-2 - IVR System Costs - SA						
Check	07/13/2023	11058	IVR TECHNOLOGY GROUP	Inv #IV17177 / May IVR maintenance and transaction fees	63.44	63.44
Check	07/13/2023	11058	IVR TECHNOLOGY GROUP	Inv #IV17473 / June IVR maintenance and transaction fees	62.88	126.32
Total 532-2 - IVR System Costs - SA					126.32	126.32
533-1 - Merchant Service Fees - WA						
Check	07/13/2023	11049	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #R15310 / ECheck and ACH fees	7.25	7.25
Check	07/13/2023	11049	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #15650 / merchant fees for June	953.01	960.26
Check	07/13/2023	11049	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #R15752 / ECheck and ACH fees	6.10	966.36
Total 533-1 - Merchant Service Fees - WA					966.36	966.36
533-2 - Merchant Service Fees - SA						
Check	07/13/2023	11049	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #R15310 / ECheck and ACH fees	7.25	7.25
Check	07/13/2023	11049	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #15650 / merchant fees for June	953.02	960.27
Check	07/13/2023	11049	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #R15752 / ECheck and ACH fees	6.10	966.37
Total 533-2 - Merchant Service Fees - SA					966.37	966.37
534-1 - Postage - WA						
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Goin Postal - Certified letter mailings for customer letters	15.32	15.32
Total 534-1 - Postage - WA					15.32	15.32
534-2 - Postage - SA						
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Goin Postal - Certified letter mailings for customer letters	15.33	15.33
Total 534-2 - Postage - SA					15.33	15.33
535-1 - Contract Services - Meter Reads						
Check	07/13/2023	11061	METERREADERS, LLC	Inv #10816 / June meter readings	2,369.25	2,369.25
Total 535-1 - Contract Services - Meter Reads					2,369.25	2,369.25
551-1 - Building Improvements - WA						
Check	07/13/2023	11050	CAMP CREEK ELECTRIC	Inv #3702 / Replace all lighting fixtures in/out of bldg, install outlets in Board room	12,075.33	12,075.33
Total 551-1 - Building Improvements - WA					12,075.33	12,075.33
551-2 - Building Improvements - SA						
Check	07/13/2023	11050	CAMP CREEK ELECTRIC	Inv #3702 / Replace all lighting fixtures in/out of bldg, install outlets in Board room	12,075.33	12,075.33
Total 551-2 - Building Improvements - SA					12,075.33	12,075.33

**Green Area Water & Sanitary Authority
GAWSA Expense Detail**

July 2023

Type	Date	Num	Name	Memo	Debit	Balance
606-1 - Health Ins. Benefits - WO						
Check	07/25/2023	11074	SDIS	July 2023 health and supplemental ins prems	12,279.65	12,279.65
Check	07/25/2023	11074	SDIS	August 2023 health and supplemental ins prems	12,279.65	24,559.30
Total 606-1 - Health Ins. Benefits - WO					24,559.30	24,559.30
606-2 - Health Ins. Benefits - SO						
Check	07/25/2023	11074	SDIS	July 2023 health and supplemental ins prems	6,092.04	6,092.04
Check	07/25/2023	11074	SDIS	August 2023 health and supplemental ins prems	6,092.04	12,184.08
Total 606-2 - Health Ins. Benefits - SO					12,184.08	12,184.08
610-1 - Vehicle/Equipment O & M - WO						
Check	07/13/2023	11046	NAPA AUTO PARTS	Inv #895505 / PO 18195 / Gear oil for skidsteer brush mower	22.98	22.98
Check	07/13/2023	11046	NAPA AUTO PARTS	Inv #896218 / PO 18202 / Mud flaps for dump truck	55.98	78.96
Check	07/13/2023	11048	BASSETT-HYLAND ENERGY	Inv #CL17226 / water rigs fuel 6/16 - 6/30	538.82	617.78
Check	07/13/2023	11048	BASSETT-HYLAND ENERGY	Inv #CL16821 / water rigs fuel 6/1 - 6/15	513.01	1,130.79
Check	07/13/2023	11054	DOUGLAS CO. FARMERS CO-OP	Inv #56501 / PO 18185 / 2 cycle fuel/oil	53.98	1,184.77
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Shell Oil - PO 18193 / Non-ethanol fuel for generator	55.33	1,240.10
Total 610-1 - Vehicle/Equipment O & M - WO					1,240.10	1,240.10
610-2 - Vehicle/Equipment O & M - SO						
Check	07/13/2023	11048	BASSETT-HYLAND ENERGY	Inv #CL17226 / sewer rigs fuel 6/16 - 6/30	102.09	102.09
Check	07/13/2023	11048	BASSETT-HYLAND ENERGY	Inv #CL16821 / sewer rigs fuel 6/1 - 6/15	178.00	280.09
Total 610-2 - Vehicle/Equipment O & M - SO					280.09	280.09
611-1 - Dues/Fees/Subscriptions- WO						
Check	07/13/2023	11057	ENVIRONMENTAL SYSTEMS RESEARCH IN...	Quote #26143712 / PO 18217 / ArcGIS Desktop 8/1/23 - 7/31/24	825.00	825.00
Check	07/24/2023	11066	ONE CALL CONCEPTS, INC.	Inv #3060703 / June locate tickets	53.90	878.90
Check	07/24/2023	11067	OHA - CASHIER	PWS ID 4100717 / PO 18180 / annual water system fee	2,000.00	2,878.90
Check	07/24/2023	11068	OHA - CASHIER	Trev Carlson D1 Operator Certification Application	90.00	2,968.90
Check	07/25/2023	11076	UBOS	Inv #2024-11 / SOOS 23-24 annual dues	15.00	2,983.90
Total 611-1 - Dues/Fees/Subscriptions- WO					2,983.90	2,983.90
611-2 - Dues/Fees/Subscriptions- SO						
Check	07/13/2023	11057	ENVIRONMENTAL SYSTEMS RESEARCH IN...	Quote #26143712 / PO 18217 / ArcGIS Desktop 8/1/23 - 7/31/24	825.00	825.00
Check	07/24/2023	11066	ONE CALL CONCEPTS, INC.	Inv #3060703 / June locate tickets	53.90	878.90
Check	07/25/2023	11076	UBOS	Inv #2024-11 / SOOS 23-24 annual dues	15.00	893.90
Total 611-2 - Dues/Fees/Subscriptions- SO					893.90	893.90
612-1 - Communication & IT - Ops						
Check	07/24/2023	11063	DOUGLAS FAST NET	Carnes shop internet	84.39	84.39
Check	07/24/2023	11063	DOUGLAS FAST NET	Carnes shop internet	84.39	168.78
Paycheck	07/31/2023	DD1669	Carlson, Trev W	Direct Deposit	50.00	218.78
Paycheck	07/31/2023	DD1672	Hope, Will T	Direct Deposit	50.00	268.78
Paycheck	07/31/2023	DD1673	Manson, Joshua T.	Direct Deposit	50.00	318.78
Paycheck	07/31/2023	DD1675	Paulson, Alan D.	Direct Deposit	50.00	368.78
Paycheck	07/31/2023	DD1676	Radford, Daniel L.	Direct Deposit	50.00	418.78
Paycheck	07/31/2023	DD1679	Wolford, Jeremy J.	Direct Deposit	50.00	468.78
Total 612-1 - Communication & IT - Ops					468.78	468.78
612-2 - Communication & IT - SO						
Check	07/24/2023	11063	DOUGLAS FAST NET	WTP phone/fax/internet/alarm line	127.41	127.41
Check	07/24/2023	11063	DOUGLAS FAST NET	WTP phone/fax/internet/alarm line	127.45	254.86
Paycheck	07/31/2023	DD1670	Chasteen, Matthew S.	Direct Deposit	50.00	304.86
Paycheck	07/31/2023	DD1674	Miller, Shannon L.	Direct Deposit	50.00	354.86
Total 612-2 - Communication & IT - SO					354.86	354.86
615-1 - Misc Expense - WO						
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Amazon - Keysafe Key Lock boxes for Carnes Shop, WTP	88.74	88.74
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Costco - bathroom tissue/hand towels	74.67	163.41
Total 615-1 - Misc Expense - WO					163.41	163.41
620-1 - R & M Water Distribution						
Check	07/13/2023	11059	CORIX WATER PRODUCTS, INC.	Inv #U2316022300 / PO 18196 / Pipe for Valve Risers	217.00	217.00
Check	07/13/2023	11060	LONG'S BUILDING SUPPLY	Inv #371717 / PO 18210 / repair parts for customer service side	88.96	305.96
Check	07/13/2023	11060	LONG'S BUILDING SUPPLY	Inv #370486 / Adjustment due to GAWSA error	2.00	307.96
Check	07/25/2023	11079	STRATTON BROS. INC.	Inv #2023-358 / PO 18201 / Blacktop patching - Landers & Hanna	1,125.00	1,432.96
Total 620-1 - R & M Water Distribution					1,432.96	1,432.96
621-1 - R & M - Dist Shop						
Check	07/25/2023	11086	WINSTON SANITARY SERVICE	Inv #291461 / 200G Dumpster weekly @ Carnes shop	90.60	90.60
Check	07/25/2023	11086	WINSTON SANITARY SERVICE	Inv #294228 / 200G Dumpster weekly @ Carnes shop	91.96	182.56
Total 621-1 - R & M - Dist Shop					182.56	182.56
622-1 - Tools & Supplies - Distribution						
Check	07/13/2023	11054	DOUGLAS CO. FARMERS CO-OP	Inv #56975 / PO 18209 / Misc PVC parts	32.97	32.97
Check	07/13/2023	11059	CORIX WATER PRODUCTS, INC.	Inv #U2316025702 / PO 18213 / Hand saw	68.00	100.97
Total 622-1 - Tools & Supplies - Distribution					100.97	100.97
624-1 - Utilities - Water Dist WO						
Check	07/13/2023	11047	AVISTA UTILITIES	Highland Vista PS natural gas 4/21 - 6/21	42.14	42.14
Check	07/13/2023	11047	AVISTA UTILITIES	Carnes Shop natural gas 4/21 - 6/21	106.46	148.60
Check	07/24/2023	11071	PACIFIC POWER	Tipton PS/Roseburg intertie electricity 5/12 - 7/13	166.78	315.38
Check	07/24/2023	11071	PACIFIC POWER	Carnes shop electricity 5/2 - 6/30	273.07	588.45
Check	07/24/2023	11071	PACIFIC POWER	Highland Vista PS electricity 5/2 - 6/30	818.07	1,406.52
Check	07/24/2023	11071	PACIFIC POWER	Glengary PS electricity 5/3 - 7/3	79.70	1,486.22
Total 624-1 - Utilities - Water Dist WO					1,486.22	1,486.22
626-1 - Water Samples - WO						
Check	07/25/2023	11082	UMPQUA RESEARCH	M070838 / 8 Coliform tests	192.00	192.00
Check	07/25/2023	11082	UMPQUA RESEARCH	M070980 / 2 TOC, 1 Alkalinity tests	147.50	339.50
Total 626-1 - Water Samples - WO					339.50	339.50
627-1 - Backflow Tests- WO						
Check	07/25/2023	11072	POPEYE'S PUMP & BACKFLOW	Inv #10011 / 17 non-comp backflow tests - June	1,020.00	1,020.00
Check	07/25/2023	11083	UMPQUA VALLEY FIRE SERVICES, INC.	Inv #88163 / 22 non-comp backflow tests - July	924.00	1,944.00
Total 627-1 - Backflow Tests- WO					1,944.00	1,944.00

**Green Area Water & Sanitary Authority
GAWSA Expense Detail**

July 2023

Type	Date	Num	Name	Memo	Debit	Balance
628-1 - Inventory Adjustment W						
Check	07/13/2023	11059	CORIX WATER PRODUCTS, INC.	Inv #U2316019499 / PO 18179 / Replace 6" Hymax coupling	373.60	373.60
Check	07/13/2023	11059	CORIX WATER PRODUCTS, INC.	Inv #U2316024268 / PO 18205 / Repair bands and MIP adapters for inventory	1,612.85	1,986.45
Check	07/13/2023	11059	CORIX WATER PRODUCTS, INC.	Inv #U2316025702 / PO 18213 / Angle ball valves	2,684.52	4,670.97
Check	07/25/2023	11081	UMPQUA QUARRIES, LLC	Inv #64482 / PO 18206 / crushed rock for inventory	537.22	5,208.19
Check	07/25/2023	11081	UMPQUA QUARRIES, LLC	Inv #64512 / PO 18207 / crushed rock for inventory	514.77	5,722.96
Total 628-1 - Inventory Adjustment W					5,722.96	5,722.96
629-1 - Emergency Intertie Maint - WO						
Check	07/13/2023	11050	CAMP CREEK ELECTRIC	Inv #3697 / PO 18198 / Tipton PS repair from tree damage	3,506.23	3,506.23
Total 629-1 - Emergency Intertie Maint - WO					3,506.23	3,506.23
631-1 - Meter Installations - WO						
Check	07/25/2023	11085	WILLAMETTE VALLEY UNDERGROUND	Inv #12152 / PO 18200 / Bore for new svc @ 670 E Happy Valley	1,132.50	1,132.50
Total 631-1 - Meter Installations - WO					1,132.50	1,132.50
632-1 - Reservoir Maint. - WO						
Check	07/25/2023	11081	UMPQUA QUARRIES, LLC	Inv #64057 / PO 18190 / crushed rock for Main Tank road	130.78	130.78
Check	07/25/2023	11081	UMPQUA QUARRIES, LLC	Inv #64101 / PO 18191 / crushed rock for Main Tank road	660.36	791.14
Check	07/25/2023	11081	UMPQUA QUARRIES, LLC	Inv #64303 / PO 18203 / crushed rock for Main Tank road	370.24	1,161.38
Total 632-1 - Reservoir Maint. - WO					1,161.38	1,161.38
641-2 - R & M Lines & Manholes - SO						
Check	07/24/2023	11070	OWEN PUMP & EQUIPMENT	Inv #INV-996307 / PO 18216 / Elecsys SentraLink manhole monitor	2,092.84	2,092.84
Total 641-2 - R & M Lines & Manholes - SO					2,092.84	2,092.84
642-2 - Tools & Supplies - SO						
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Amazon - PO 18181 / Portable AC for CCTV trailer	239.74	239.74
Total 642-2 - Tools & Supplies - SO					239.74	239.74
647-2 - G4 Pumpstation - SO						
Check	07/24/2023	11063	DOUGLAS FAST NET	G4 pump station alarm line	13.91	13.91
Check	07/24/2023	11063	DOUGLAS FAST NET	G4 pump station alarm line	13.92	27.83
Check	07/24/2023	11071	PACIFIC POWER	G4 PS electricity 5/2 - 6/30	2,882.85	2,910.68
Total 647-2 - G4 Pumpstation - SO					2,910.68	2,910.68
648-2 - O&M Pumpstations - SO						
Check	07/24/2023	11071	PACIFIC POWER	Oak Creek PS electricity 5/2 - 6/30	110.75	110.75
Check	07/24/2023	11071	PACIFIC POWER	Briarwood PS electricity 5/2 - 6/30	58.17	168.92
Total 648-2 - O&M Pumpstations - SO					168.92	168.92
654-8 - Collection System Improvements						
Check	07/13/2023	11053	CRADAR ENTERPRISES, INC.	Inv #03300 / PO 18220 / Pay application #1 Hwy 42 pipe bursting	144,578.48	144,578.48
Total 654-8 - Collection System Improvements					144,578.48	144,578.48
700-1 - WTP R & M						
Check	07/13/2023	11050	CAMP CREEK ELECTRIC	Inv #3698 / PO 18199 / Install new turbidity meter	2,785.42	2,785.42
Check	07/14/2023	ACH	CARDMEMBER SERVICE	Motion Ind Inv #OR25-00558678 / PO 18194 / Coupling for blower motor	481.22	3,266.64
Check	07/25/2023	11084	BRAY INTERNATIONAL, INC.	Inv #220/55035620 / PO 18208 / Actuator Cell 2 backwash valve	1,354.81	4,621.45
Check	07/25/2023	11084	BRAY INTERNATIONAL, INC.	Inv #220/55035646 / PO 18211 / Spare actuators	1,214.69	5,836.14
Total 700-1 - WTP R & M					5,836.14	5,836.14
701-1 - WTP Tools & Supplies						
Check	07/13/2023	11051	CANON SOLUTIONS AMERICA, INC.	Inv #6004623465 / Water plant copier maintenance 5/20 - 6/19	7.97	7.97
Check	07/13/2023	11054	DOUGLAS CO. FARMERS CO-OP	Inv #56575 / PO 18192 / Loctite	9.99	17.96
Check	07/13/2023	11055	DIRKSEN & SONS	Inv #7825 / PO 18214 / Lubrication oil for treated water pumps	135.37	153.33
Check	07/24/2023	11062	CANON SOLUTIONS AMERICA, INC.	Inv #6004314434 / WTP copier maintenance 4/20 - 5/19	7.18	160.51
Total 701-1 - WTP Tools & Supplies					160.51	160.51
702-1 - WTP Utilities						
Check	07/24/2023	11071	PACIFIC POWER	WTP electricity 5/2 - 6/30	23,569.33	23,569.33
Total 702-1 - WTP Utilities					23,569.33	23,569.33
704-1 - WTP Chemicals						
Check	07/24/2023	11065	NORTHSTAR CHEMICAL, INC.	Inv #255266 / PO 18204 / Citric acid 50% 204g	3,170.02	3,170.02
Check	07/24/2023	11065	NORTHSTAR CHEMICAL, INC.	Inv #255266 / PO 18204 / Phosphoric acid 75% 6824 lbs	9,449.62	12,619.64
Total 704-1 - WTP Chemicals					12,619.64	12,619.64
712-2 - O&M Regional WWTP						
Check	07/13/2023	11052	CITY OF WINSTON	CoW - May 2023 WWTP Personnel services	22,135.68	22,135.68
Total 712-2 - O&M Regional WWTP					22,135.68	22,135.68
TOTAL					335,109.74	335,109.74

GREEN AREA WATER & SANITARY AUTHORITY
GENERAL MANAGER'S REPORT
August 10, 2023

Office Remodel

I have delivered the office design draft to Rogers Engineering. From my conversation with Tom, we should be able to avoid any mechanical engineering due to our current design being simplified compared to the previous remodel design. In the meantime, I have been meeting with Ms. Manfre to discuss office furniture, flooring, etc.

Hwy 42 Emergency Pipe Bursting/Bypass Pumping Project

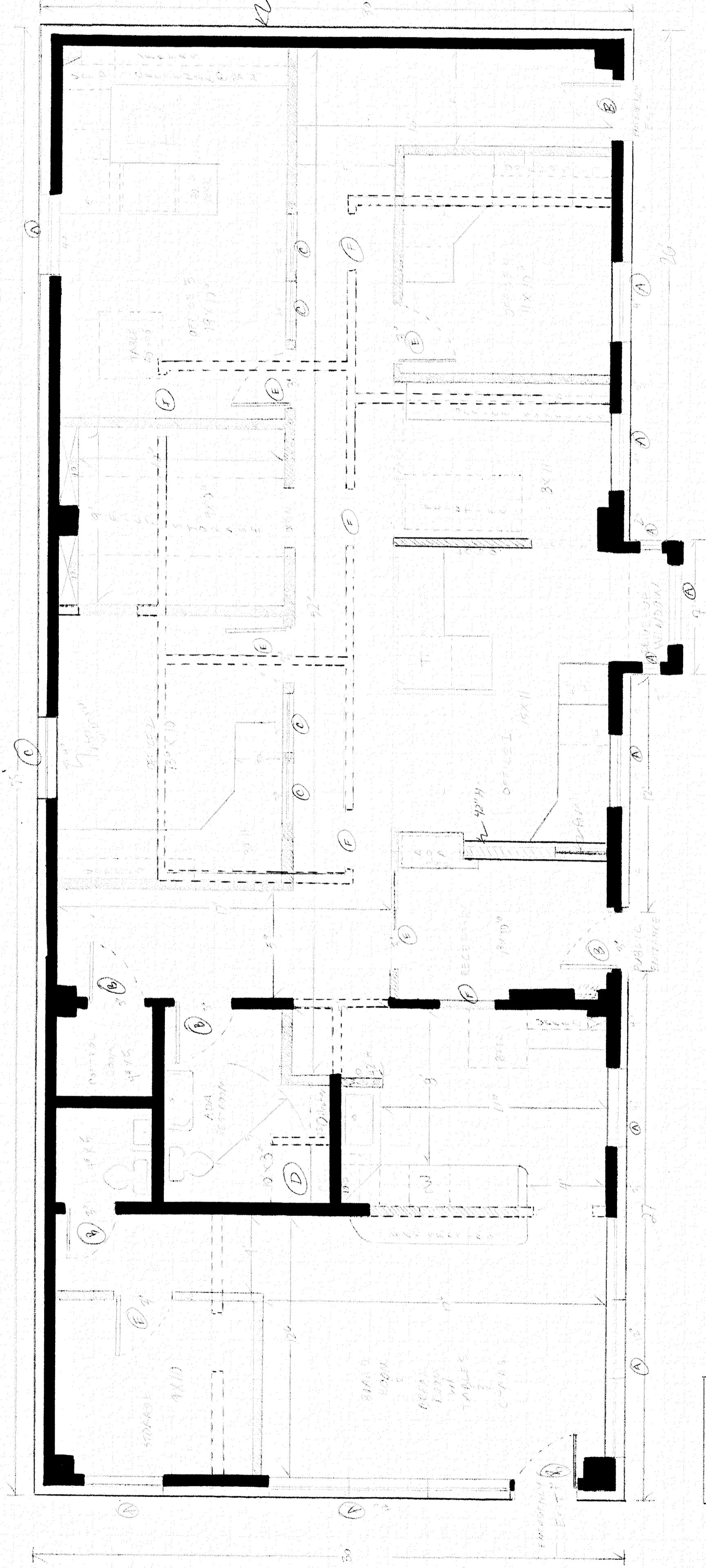
We have received Pay Application #2, in the amount of \$55,217.92 from Cradar Enterprises. This invoice will need Board approval.

Intergovernmental Agreement – Winston Dillard Water District

After adopting the “shared services/equipment” IGA with Douglas County, we concluded that we should adopt a similar agreement with Winston Dillard Water District, the neighboring water district in Winston. We work closely with WDWD and already share resources from time to time, this would just put it in writing. This IGA would be independent of the Intertie agreement. I will present a final draft at the September meeting.

EXISTING METAL EXTERIOR CLADDING

GREEN AREA WATER SAMPLING
 SCALE 1/4" = 1' 3879 OLD HWY 99
 PLAN A 7/11/83
 MODIFIED 7/1/83
 MODIFIED 7/14/83



FLOOR PLAN INDICATING WALLS, WINDOWS, DOORS TO BE REMOVED, REMAIN, OR BE ADDED

LEGEND

- NEW WALLS
- EXISTING WALLS TO BE REMOVED
- EXISTING WALLS TO REMAIN
- EXISTING WINDOW TO REMAIN
- EXISTING DOORS TO REMAIN
- NEW WINDOW
- EXISTING SHOWER TO BE REMOVED
- NEW DOORS
- EXISTING DOOR TO BE REMOVED

Cradar Enterprises, Inc.

GENERAL CONTRACTOR

CCB LICENSE #51492

220 NE Lake St, Roseburg, Oregon 97470

PHONE (541) 673-3268 FAX (541) 673-0056

Invoice

Date	Invoice #
8/9/2023	03305

Bill To
Green Area Water & Sanitary Authority 4336 Old Hwy. 99 S. Roseburg, OR 97471

P.O. No.	Terms	Project
9180*	Net 30	

Quantity	Description	Rate	Amount
1	Pay Application #2 (7/1/2023 - 7/31/2023)	55,217.92	55,217.92
Total			\$55,217.92

CRADAR ENTERPRISES, INC.

1051 Melrose Road, Roseburg, OR 97471
Phone (541) 673-3268 Fax (541) 673-0056

Breakdown For: GAWS 12" Pipe Bursting Project
Date: 7/1/2023 thru 7/31/2023, Billing Period #2 (July)

7/10/2023	Operator/Labor; Backfill/Cleanup	HR	31	\$50.52	\$1,566.12
	210 Excavator	HR	7.5	\$115.00	\$862.50
	521E Loader	HR	5	\$88.00	\$440.00
	Dump Truck	HR	8	\$95.00	\$760.00
	Crew Truck(s)	Each	2	\$250.00	\$500.00
	Superintendent	HR	3	\$75.00	\$225.00
7/11/2023	Operator/Labor: Install Culvert	HR	16	\$54.93	\$878.88
	210 Excavator	HR	8	\$115.00	\$920.00
	Crew Truck	Each	1	\$250.00	\$250.00
	Superintendent	HR	2	\$75.00	\$150.00
7/21/2023	Operator/Labor; Load Pumps for Xylem	HR	4	\$75.00	\$300.00
	210 Excavator	HR	2	\$115.00	\$230.00
	Crew Truck	Each	1	\$250.00	\$250.00
Materials for Period	Xylem Inv. #401265270	LS	1	\$600.00	\$600.00
	Xylem Inv. #401265269	LS	1	\$3,450.00	\$3,450.00
	Xylem Inv. #401259755	LS	1	\$10,476.32	\$10,476.32
	Napa Auto Parts Inv. #897450	LS	1	\$156.26	\$156.26
	United Rentals Inv. #219719309-003	LS	1	\$75.00	\$75.00
	Falcon Shoring Inv. #108678	LS	1	\$7,399.00	\$7,399.00
	Falcon Shoring Inv. #108597A	LS	1	\$2,866.50	\$2,866.50
	Falcon Shoring Inv. #108495B	LS	1	\$128.00	\$128.00
	Buck's Sanitary Service Inv. #239516	LS	1	\$87.15	\$87.15
	Xylem Inv. #401267426	LS	1	\$3,201.41	\$3,201.41
	Xylem Inv. #401267427	LS	1	\$600.00	\$600.00
	Xylem Inv. #401263624	LS	1	\$10,981.98	\$10,981.98
	Xylem Inv. #401263623	LS	1	\$453.60	\$453.60
all	OH&P Markup (15.5%)	LS	1	\$7,410.20	\$7,410.20
				TOTAL	\$55,217.92

The above breakdown reflects current standard equipment, labor and markup rates. Superintendent Daily reports, material invoices and sub contractor invoices upon request.

*Operator/Labor

*Equipment

*Materials/Subcontractors

Respectfully,
Marc Chirrick, President
Cradar Enterprises, Inc.

Green Area Water & Sanitary Authority
Customer Payment History - Summary

Sort Order : Payment Source
 From: 7/1/2023 Through: 7/31/2023

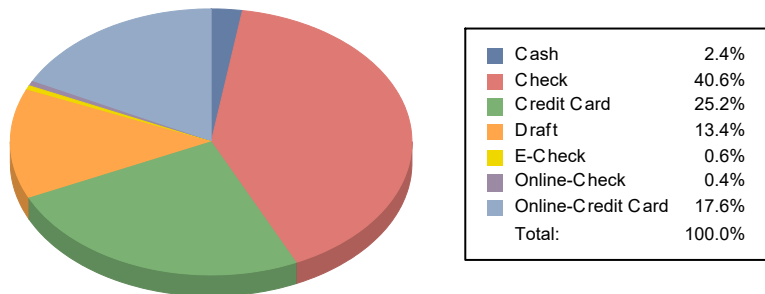
Payment Method	Quantity	Payment Amount
Cash	72	\$6,373.93
Check	1,226	\$147,596.30
Credit Card	761	\$71,482.61
Draft	405	\$44,709.01
E-Check	17	\$1,362.10
Online-Check	11	\$997.95
Online-Credit Card	531	\$46,568.14

Summary totals do not include reversed/transferred payments.

Service	Trans. Amount
Miscellaneous	\$(11,740.42)
Second Level Charge	\$(800.00)
Service Charge	\$(75,793.07)
Sewer	\$(113,442.00)
Water	\$(117,314.55)
Totals	\$(319,090.04)

Payment Method	Quantity	Payment Amount
Payment Source		
Amount		
Autopay		
Credit Card		\$(46,363.15)
Draft		\$(44,709.01)
		\$(91,072.16)
Customer Portal		
Online-Check		\$(997.95)
Online-Credit Card		\$(46,530.89)
		\$(47,528.84)
IVR		
Credit Card		\$(2,146.85)
E-Check		\$(404.55)
		\$(2,551.40)
Lockbox		
Check		\$(134,887.60)
		\$(134,887.60)
Manual		
Cash		\$(6,373.93)
Check		\$(12,708.70)
Credit Card		\$(22,972.61)
E-Check		\$(957.55)
Online-Credit Card		\$(37.25)
		\$(43,050.04)
Totals		\$(319,090.04)

Payment Breakdown



Green Area Water & Sanitary Authority Transaction List - Summary

Sort order: Customer No.

From: 7/1/2023 Through: 7/31/2023

Limited to :

Transaction Types: Collection Write-Off, Interest, Misc Chrg., Penalty, Shutoff, Write-Off

Deposits Transaction Types:

Transaction Type	Applies To	Transaction Amount
Delinquency	Water Interest	\$20.00
	Water Penalty	\$2,580.00
	Miscellaneous Penalty	\$5.00
	Service Charge Interest	\$340.00
	Service Charge Penalty	\$90.00
	Sewer Penalty	\$170.00
		\$3,205.00
Misc Chrg.	Water (MISC)	\$2.85
	Miscellaneous (AF)	\$250.00
	Miscellaneous (BF)	\$1,575.00
	Miscellaneous (DHF)	\$20.00
	Miscellaneous (MISC)	\$109.36
	Service Charge (AF)	\$250.00
	Service Charge (MISC)	\$7.43
	\$2,214.64	
Grand Total:		\$5,419.64

SANITARY OPERATIONS REPORT

August 10, 2023

Construction Projects

- Green Family Housing, 73 units, 4 buildings, ie Engineering.
 - Project delayed until this Fall for wetland approval.

Collection System

- Hwy 42 Emergency Crossing.
 - The second of 2 invoices should be delivered by the meeting, around \$46,000.
- Manhole inspections project 'K' Basin well underway.
- TV annual project.
 - 'K' Basin, flushing and CCTV well underway, some back yard easement access has delayed us a little. Updating GIS with lateral location changes underway.
- 2054 Burdette, I&I Cross Connections & roots, customer agreed to replace.

G4 and Pump Stations

- GAWSA Pump Stations ran well, with typical operation and maintenance.
- Removed floatables at Rising River RV, Oak Creek, and Briarwood Pumpstations.
- PP&L power loss at G4 last month, the Generator transferred as expected.
- Oak Creek Generator load test failed, discovered improper wiring to neutral. Problem resolved.
- Oak Creek Generator load tested, passed.

Wastewater Treatment Plant and Properties

- Nothing new to report

Meetings and Conferences

- No meetings attended this month.

Lateral Inspections & GIS

- 9 Inspections.
 - 2499 Melody. GIS update.
 - 0 Rolling Hills/Grayson-280610CA01900, 2 New Connections.
 - 5361 Grange Rd, I&I cleaning up poor plumbing.
 - 220 Ervin, I&I replacement.
 - 3570 Carnes, I&I replacement and new duplex service.
 - 329 Happy Valley East, new building preparation.
 - 120 Sundance, New Connection, Back water valve required installation, complete.
- Working with Eric at ODOT to update our GIS to improve our satalite count and elevations, delayed.

If you have any questions, feel free to contact me at 541-817-5100

Submitted by, Shannon L. Miller

Green Area Water & Sanitary Authority

Superintendents Report

August 2023

Fire District #2 has completed flushing hydrants and the crew has completed flushing our dead-end lines.

We have received the parts to replace the failed valve at Sunnyslope School. The crew will be performing the work this week, as there will be nobody at the facility.

The soft starter for the blower in the treatment plant was able to be repaired and is up and running. The blower is what supplies the air to clean the membranes.

We have been fighting a power issue at the water treatment plant. We have been working with PP&L regarding the issue and believe it has been fixed. We will continue to keep a close eye on it.

We have met with the contractors and building representatives about looping the mainline between Winery Ln. & Grantsmith Rd., for the proposed Nursing facility.

We have lost power supplies to one of our MIOX machines. We are working with the supplier to remedy our situation with either replacements or upgraded power supplies.

We have received the latest set of preliminary plans for ODOT's project between I-5 to Winston. There seem to be no major issues regarding the water facilities.

If you have any questions, please feel free to give me a call at 541-670-1215
Thanks Alan

WINSTON-GREEN REGIONAL WASTEWATER TREATMENT FACILITY
Weekly Reports - July

July 7th

- Hauled 35,000 gallons of liquid biosolids
- Filled Drying Beds 12,000 Gallons
- Continued moving dirt to in front of digester # 2
- Dump Run
- Cleaned and inspected GT pump
- Drive belt broke and bound up in Polaris Ranger
 - Staff had a replacement belt on hand
- Fixed Broken Sprinklers
- Cleaned Aeration Basin Mixers
- Facility Grounds Maintenance

July 14th & 21st

- Hauled 13,500 gallons of liquid biosolids
- Filled Drying Beds 108,284 Gallons
- Fixed Chloring Leak under secondary # 4 steps
- Replaced Chloring line valves located on the south side of secondary # 4
- Borrowed Mini Excavator from GAWSA to finish up dirt work associated with chlorine repairs
- Continued moving dirt to in front of digester # 2
- Dump Run
- Removed RAS pump # 2 to be rebuilt
 - Additional parts had to be ordered once the pump was disassembled
- Received Fuel Delivery
- Performed Laboratory QAQC testing
- Polymer Delivery
- Received Captor Delivery
- Due to the increased fire danger, Pacific Power has set their safety equipment to a more sensitive level. This has caused the plant to have multiple power blips/ bumps. Pacific Power knows of the issue and is working on resolving it. These power blips have caused several call out for staff.
- Brine Pump Replaced on Microchlor chlorine generation unit

Winston- Green WWTF Monthly Numbers

July 2023

General

1.) Plant Influent Flow (MG	<u>2023</u>	<u>2022</u>
<i>Winston</i>	15.69 50%	18.19 50%
<i>Green</i>	17.21 50%	18.56 50%
<i>Rainfall</i>	0.00	0.50
<i>Chlorine (Gallons)</i>	19,081	19,636
2.) Leachate Total	159,300	33,000

Bio-Solids

- 1.) Drying beds
192,114 Gallons
- 2.) Land Application
58,500 Gallons

FLOW ALLOCATION CHART

MONTH	WINSTON MG	GREEN MG	LANDERS LN. MG	TOTAL MG	RAINFALL
Jan.23	40.77	33.62	0.764	75.15	2.64
Feb.23	25.91	26.31	0.524	52.74	3.43
Mar.23	47.21	36.57	0.914	84.69	4.49
Apr.23	44.56	33.45	0.757	78.77	3.31
May.23	22.23	21.68	0.335	44.24	0.57
June.23	16.62	17.83	0.363	34.81	0.02
July.23	15.69	17.21	0.331	33.22	0.00
Aug.22	15.98	18.79	0.390	35.17	0.00
Sept.22	15.54	18.82	0.523	34.88	1.04
Oct.22	16.72	19.81	0.378	36.90	1.54
Nov. 22	21.62	25.09	0.443	47.15	4.61
Dec.22	32.73	35.58	0.711	69.01	6.21
TOTAL	315.57	304.75	6.431	626.74	27.86
GREEN + LANDERS		311.18			
APPORTIONMENT	50.35%	49.65%			
			100%		

WINSTON-GREEN WWTF

July 2023

SYSTEM CLASSIFICATION: IV PERMIT # 100554
 COUNTY: DOUGLAS

POPULATION: 10000

TYPE: RBC / ACTIVATED SLUDGE

FILE # 98400

D A T E	SYSTEM CLASSIFICATION: IV PERMIT # 100554									POPULATION: 10000			TYPE: RBC / ACTIVATED SLUDGE			BIOSOLIDS							
	TOTAL FLOW MGD	INF PH	INF CBOD mg/l	INF SS mg/l	NH3 N EFF	TKN EFF	NO2 EFF	NO3 EFF	TOTAL P EFF	EFF PH	EFF TEMP MAX	EFF CBOD mg/l	% REM CBOD	LBS DIS	EFF SS mg/l	% REM SS	LBS DIS	CL2 RES mg/l	CL2 USED GAL.	ECOLI COL	LAND gallons	DRYING BEDS gallons	RAIN FALL inches
1	1.159	7.4								7.0	23.1						0.05	577					
2	1.237	7.5								7.0	23.0						0.01	598	3.1				
3	1.244	7.4	217	340	1.06	3.04	0.13	16.8	15.9	6.9	23.2	2.6	99%	27	2.0	99%	21	0.05	599	1.0			
4	1.256	7.6								7.1	23.3						0.07	595					
5	1.211	7.3	162	249						7.1	23.6	3.3	98%	33	2.0	99%	20	0.05	594		18,000		
6	1.255	7.4								7.1	23.6						0.06	601		27,000			
7	1.308	7.5	199	313	1.67					6.9	23.4	3.2	98%	35	3.0	99%	33	0.08	602			21,600	
8	1.225	7.4								7.0	23.3						0.06	595					
9	1.314	7.3								6.9	23.4						0.04	602	4.1				
10	1.273	7.3	226	398	0.35	2.91	0.10	18.0	13.2	6.9	23.4	3.3	99%	35	2.0	99%	21	0.06	603		13,500		
11	1.215	7.4								6.9	23.6						0.06	595	<1			8,954	
12	1.244	7.2	191	437	1.10					6.9	23.7	3.4	98%	35	1.6	100%	17	0.08	599				
13	1.203	7.4								6.7	24.0						0.08	594					
14	1.260	7.2	170	335						6.9	24.2	4.3	97%	45	3.0	99%	32	0.06	601			22,570	
15	1.203	7.4								6.9	24.3						0.05	590					
16	1.264	7.4								6.8	24.3						0.06	600	1.0				
17	1.293	7.4	218	380	0.19	3.09	0.12	17.1	14.9	6.9	24.1	3.2	99%	35	1.6	100%	17	0.07	605	1.0			
18	1.273	7.4								6.9	24.4						0.07	597				63,760	
19	1.248	7.5	188	384	0.47					6.7	24.5	4.8	97%	50	2.6	99%	27	0.07	598			12,210	
20	1.257	7.5								7.1	24.6						0.06	594				10,500	
21	1.327	7.5	223	374						6.8	24.7	4.8	98%	53	2.6	99%	29	0.07	610				
22	1.241	7.5								7.1	24.7						0.05	588					
23	1.298	7.5								7.0	24.7						0.05	595					
24	1.291	7.6	150	277	0.47	3.58	0.29	20.0	12.0	6.8	24.7	3.8	97%	41	3.4	99%	37	0.07	646			11,000	
25	1.258	7.4								7.1	24.9						0.07	692	2.0				
26	1.250	7.3	221	377	1.57					6.9	24.8	4.0	98%	42	2.4	99%	25	0.07	691	3.1		11,550	
27	1.288	7.4								7.0	24.6						0.07	658					
28	1.340	7.3	246	426						6.9	24.5	4.1	98%	46	2.6	99%	29	0.06	682			29,970	
29	1.237	7.4								7.1	24.6						0.03	666					
30	1.274	7.4								7.0	24.5						0.07	672					
31	1.251	7.3	162	368	0.20	3.34	0.12	15.2	12.8	6.9	24.6	3.6	98%	38	2.8	99%	29	0.06	642				
TOT	39.00													514			336	#####		58,500	192,114	0.00	
MAX	1.340	7.6	246	437	1.67	3.58	0.29	20.0	15.9	7.1	24.9	4.8	99%	53	3.4	100%	37	0.08	692	4.1	27,000	63,760	0.00
MIN	1.159	7.2	150	249	0.19	2.91	0.10	15.2	12.0	6.7	23.0	2.6	97%	27	1.6	99%	17	0.01	577	1.0	13,500	8,954	0.00
AVG	1.258	7.4	198	358	0.79	3.19	0.15	17.4	13.8	6.9	24.1	3.7	98%	40	2.4	99%	26	0.06	616		19,500	21,346	0.00

LBS AVG

41.07

EXCESS THERMAL LOAD WEEKLY AVG. Mkcals/day
 EFF TEMP @ WEEKLY AVG.

I certify that I am familiar with the information contained in this report and that to the best of my knowledge such information is true, complete and accurate.

Christopher W. Sherlock
 SUPERINTENDENT T IV