



GREEN AREA WATER & SANITARY AUTHORITY

Water Leak Credit Request



Per Green Area Water & Sanitary Authority Water Service Ordinance #2000-3-1, customers are responsible for all water consumption on the customer side of the water meter. As such, consumption charges for water leaks that originate on the customer side of the water meter are the responsibility of the customer.

However, to provide assistance and promote goodwill, the Authority may consider crediting a water utility customer's account per policy noted in Ordinance #2000-3-1 (rental tenants not eligible for credit). For credit consideration, the water customer account holder **must complete Section 1 below**:

SECTION 1 - TO BE COMPLETED BY THE CUSTOMER

UTILITY CUSTOMER INFORMATION		(Please type or print clearly)
Customer Name: <u>Jacqui Server-Garcia</u>		Service Address: <u>4545 melody Ln</u>
Daytime Phone: <u>415-302-3025</u>	Account Number: <u>12019000</u>	
REPAIR DATE	LEAK REPAIR RECEIPTS - PLEASE ATTACH	
Date Leak Repaired: <u>8/21/23</u>	<input checked="" type="checkbox"/> Attached	
Brief Description of Leak Failure and Repair: <u>See receipt</u>		
I certify that I am the account holder and that the leak has been repaired. I request that Green Area Water & Sanitary Authority consider my request for a water leak credit.		
Customer Signature <u>[Signature]</u>		Date <u>10/3/23</u>

SECTION 2 - TO BE COMPLETED BY AUTHORITY BILLING DEPT

Date Form Received: <u>10/2/23</u>	Meter Read Date to use for Water Leak Credit Evaluation: <u>6/10/23 - 9/10/23</u>	If Credit Granted, Utility Bill Anticipated to Show the Credit Amount:
Estimated leak period based on consumption history (attach service history):	<u>6/10/22 - 9/10/22</u>	
Estimated normal billing during leak period: <u>154.50</u>	Leak month billing:	<u>245.70</u>
Past average normal billing in same billing cycle (or est avg billing if less than 1 yr of svc):	<u>(154.50)</u>	
<small>(NOTE: if estimating average consumption, attach calculation documentation)</small>		
Estimated leak billing of the leak billing period divided by 2=	<u>91.20 / 2</u>	<u>45.60</u>
Leak gallons vs. normal usage gallons:	<u>61200 VS 30800</u>	
Calculated water leak credit amount:	<u>45.60</u>	
Reviewer's Initials: <u>DC</u>	Approver's Initials:	<input type="checkbox"/> Credit Granted
		<input type="checkbox"/> Credit Denied
		If Leak Credit Granted:
		Date Applied: _____ Initials: _____



GREEN AREA WATER & SANITARY AUTHORITY

RECEIVED

AUG 29 2023

BY: _____

Water Leak Credit Request



Per Green Area Water & Sanitary Authority Water Service Ordinance #2000-3-1, customers are responsible for all water consumption on the customer side of the water meter. As such, consumption charges for water leaks that originate on the customer side of the water meter are the responsibility of the customer.

However, to provide assistance and promote goodwill, the Authority may consider crediting a water utility customer's account per policy noted in Ordinance #2000-3-1 (rental tenants not eligible for credit). For credit consideration, the water customer account holder **must complete Section 1 below**.

SECTION 1 - TO BE COMPLETED BY THE CUSTOMER

UTILITY CUSTOMER INFORMATION		(Please type or print clearly)
Customer Name: <u>Linda Anderson</u>		Service Address: <u>3630 Carnes Rd.</u>
Daytime Phone: <u>541-670-0543</u>	Account Number: <u>1920000</u>	
REPAIR DATE	LEAK REPAIR RECEIPTS - PLEASE ATTACH	
Date Leak Repaired: <u>8-26-23</u>	<input checked="" type="checkbox"/> Attached <u>Called Plumber & bought parts</u>	
Brief Description of Leak Failure and Repair: <u>Fixed leak</u>		
I certify that I am the account holder and that the leak has been repaired. I request that Green Area Water & Sanitary Authority consider my request for a water leak credit.		
Customer Signature <u>Linda Anderson</u>		Date <u>8/29/23</u>

SECTION 2 - TO BE COMPLETED BY AUTHORITY BILLING DEPT

Date Form Received: <u>8/29/23</u>	Meter Read Date to use for Water Leak Credit Evaluation: <u>6/10/23 - 9/10/23</u>	If Credit Granted, Utility Bill Anticipated to Show the Credit Amount:
Estimated leak period based on consumption history (attach service history):	<u>6/10/22 - 9/10/22</u>	
Estimated normal billing during leak period: <u>88.95</u>	Leak month billing:	<u>183.00</u>
Past average normal billing in same billing cycle (or est avg billing if less than 1 yr of svc): <small>(NOTE: if estimating average consumption, attach calculation documentation)</small>	<u>(88.95)</u>	
Estimated leak billing of the leak billing period divided by 2=	<u>94.05/2</u>	<u>47.03</u>
Leak gallons vs. normal usage gallons:	<u>39200 VS 6700</u>	
Calculated water leak credit amount:	<u>47.03</u>	
Reviewer's Initials: <u>DL</u>	Approver's Initials:	<input type="checkbox"/> Credit Granted <input type="checkbox"/> Credit Denied
		If Leak Credit Granted: Date Applied: _____ Initials: _____



GREEN AREA WATER & SANITARY AUTHORITY

RECEIVED

SEP 7 2023

Water Leak Credit Request



Per Green Area Water & Sanitary Authority Water Service Ordinance #2000-3-1, customers are responsible for all water consumption on the customer side of the water meter. As such, consumption charges for water leaks that originate on the customer side of the water meter are the responsibility of the customer.

However, to provide assistance and promote goodwill, the Authority may consider crediting a water utility customer's account per policy noted in Ordinance #2000-3-1 (rental tenants not eligible for credit). For credit consideration, the water customer account holder **must complete Section 1 below**:

SECTION 1 - TO BE COMPLETED BY THE CUSTOMER

UTILITY CUSTOMER INFORMATION

(Please type or print clearly)

Customer Name: <u>Barbara Little</u>		Service Address: <u>211 Jamie Loop Roseburg, OR. 97471</u>
Daytime Phone: <u>541) 679-2204</u>	Account Number: <u>4980000</u>	

REPAIR DATE

LEAK REPAIR RECEIPTS - PLEASE ATTACH

Date Leak Repaired: <u>7/31/23</u>	<input type="checkbox"/> Attached <u>Had repaired</u>
---------------------------------------	--

Brief Description of Leak Failure and Repair:
Broken sprinkler

I certify that I am the account holder and that the leak has been repaired. I request that Green Area Water & Sanitary Authority consider my request for a water leak credit.

Customer Signature Barbara Little Date Aug 1 2023

SECTION 2 - TO BE COMPLETED BY AUTHORITY BILLING DEPT

Date Form Received:

9/7/23

Meter Read Date to use for Water Leak Credit Evaluation:

5/10/23 - 8/10/23

If Credit Granted, Utility Bill Anticipated to Show the Credit Amount:

Estimated leak period based on consumption history (attach service history):	<u>5/10/22 - 8/10/22</u>
Estimated normal billing during leak period: <u>191.55</u> Leak month billing:	<u>411.00</u>
Past average normal billing in same billing cycle (or est avg billing if less than 1 yr of svc): <small>(NOTE: if estimating average consumption, attach calculation documentation)</small>	<u>(191.55)</u>
Estimated leak billing of the leak billing period divided by 2=	<u>219.45 / 2 = \$109.73</u>
Leak gallons vs. normal usage gallons:	<u>120300 VS 43100</u>
Calculated water leak credit amount:	<u>100.00</u> <u>109.73</u>

Reviewer's Initials:

DC

Approver's Initials:

- Credit Granted
- Credit Denied

If Leak Credit Granted:

Date Applied: _____ Initials: _____

MINUTES OF THE GREEN AREA WATER & SANITARY AUTHORITY
BOARD OF DIRECTORS MEETING
September 14, 2023

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

BOARD DIRECTORS PRESENT:

Tracey Parker, Chair
Brenda Kingry, Treasurer
Carolyn White
Steve Lusch (attended via Zoom)

BOARD DIRECTORS ABSENT:

Tom Fullbright

GAWSA STAFF PRESENT:

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

ALSO PRESENT:

Chris Sherlock, Winston-Green Wastewater Facility Superintendent

Director Carolyn White made a motion to approve the August regular Board meeting and accounts payable. Director Brenda 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 informed the Board that our project is still in the queue with the Engineer, and that staff has been discussing interior furnishings with the interior designer.

David presented a final draft of the Shared-Services Intergovernmental Agreement with Winston-Dillard Water District (WDWD). David stated that the WDWD Manager will be presenting the IGA to their Board at this month's meeting. David requested approval of the IGA from the Board. Director Kingry made a motion to approve the Intergovernmental Agreement with Winston-Dillard Water District. Director White seconded the motion. The motion passed unanimously.

David recently polled the Board via email/phone for approval of the purchase of 2 new Ford F150 service trucks, totaling \$85,430.40. The purchase was approved unanimously. After the approval, the price increased by \$2,363.40 due to a shortage in 2.7-liter V6 engines. The adjusted price of \$87,793.80 was still under budgeted cost for two service trucks. David informed Board Chair Tracey Parker of the price increase for purchase order signoff.

David stated that Chris Sherlock approached him with a couple ideas to address some water issues they are dealing with at the wastewater plant. Chris stated that the wastewater plant has a 6-inch water line coming into the plant, which is needed for fire hydrant operation, but that the 2- water meter at the plant does not allow for sufficient flow to exercise the hydrants if they were needed. After

MINUTES OF THE GREEN AREA WATER & SANITARY AUTHORITY
BOARD OF DIRECTORS MEETING
September 14, 2023

discussion, it was decided that GAWSA will look into installing a 6-inch meter at cost and splitting the cost with the City of Winston.

Collections System Supervisor Shannon Miller presented the sanitary operations report. Shannon informed the Board we have received a new push camera, and the old camera is sent off for repair. He also purchased a locator for the CCTV trailer.

Shannon stated there is a flow meter at the wastewater plant that picks up the Landers flow, that will need to be replaced, and his rough cost estimate is approximately \$8,000, but will have more details later.

Operations Manager Alan Paulson delivered the water operations report. Alan informed the Board that we are having issues with our MIOX system and getting the needed parts is difficult given the current supply chain environment. He stated that it may be necessary to budget keep additional parts and an additional cell in inventory on hand to prevent lead time issues in the future.

A short discussion took place regarding the development on Donald Trump Lane and Oly Lane.

Chris Sherlock, Wastewater Treatment Facility Superintendent presented his report. Chris stated that the plant staff finished cleaning out the digester today.

Christ stated he had a conversation with Cody Sandberg, the pastureland lessee, and Cody plans to do some grade work on the lower field. Alan replied with GAWSA will be digging a ditch that connects to the ditch on the east side of the property to alleviate flooding issues. We will also be replacing a culvert.

There being no further business for the good of the order, Director Kingry made a motion to adjourn the meeting. Director White seconded the motion. The motion passed unanimously, and Chairperson Parker adjourned the meeting at 5:23pm.

Board Member

Tracey Parker, Board Chair

Green Area Water & Sanitary Authority
GAWSA Expense Detail
September 2023

Type	Date	Num	Name	Memo	Debit	Credit	Balance
506-1 · Health Ins Benefits- WA							
Check	09/20/2023	11161	SDIS	October health and supplemental ins prems	4,079.48		4,079.48
Total 506-1 · Health Ins Benefits- WA					4,079.48	0.00	4,079.48
506-2 · Health Ins Benefits - SA							
Check	09/20/2023	11161	SDIS	October health and supplemental ins prems	4,079.47		4,079.47
Total 506-2 · Health Ins Benefits - SA					4,079.47	0.00	4,079.47
507-1 · Retirement Contribution - WA							
Check	09/29/2023	11175	EDWARD JONES CO.	Apr-June SEP IRA contributions	4,375.50		4,375.50
Total 507-1 · Retirement Contribution - WA					4,375.50	0.00	4,375.50
507-2 · Retirement Contribution - SA							
Check	09/29/2023	11175	EDWARD JONES CO.	Apr-June SEP IRA contributions	4,375.50		4,375.50
Total 507-2 · Retirement Contribution - SA					4,375.50	0.00	4,375.50
512-1 · Legal Fees - WAdmin							
Check	09/20/2023	11159	NORTHWEST LOCAL GOVERNMENT ...	Inv #13538 / draft Winston Dillard Water IGA	302.50		302.50
Check	09/29/2023	11159	NORTHWEST LOCAL GOVERNMENT ...	Inv #13538 / review and advise on Metereaders contract	330.00		632.50
Total 512-1 · Legal Fees - WAdmin					632.50	0.00	632.50
512-2 · Legal Fees - SAdmin							
Check	09/20/2023	11159	NORTHWEST LOCAL GOVERNMENT ...	Inv #13538 / draft Winston Dillard Water IGA	302.50		302.50
Total 512-2 · Legal Fees - SAdmin					302.50	0.00	302.50
515-1 · Office Supplies - WA							
Check	09/14/2023	11139	CANON SOLUTIONS AMERICA, INC.	Inv #6005262345 / Office copier maintenance 7/20 - 8/19	26.58		26.58
Check	09/20/2023	11163	STAPLES CONTRACT	Inv #8071484999 / raw sugar, pens, whiteout, glue sticks, swiffers	50.05		76.63
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Costco - Toilet paper, Keurig coffee maker	79.99		156.62
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Primo Water - bottled water + cooler rental	19.48		176.10
Total 515-1 · Office Supplies - WA					176.10	0.00	176.10
515-2 · Office Supplies - SA							
Check	09/14/2023	11139	CANON SOLUTIONS AMERICA, INC.	Inv #6005262345 / Office copier maintenance 7/20 - 8/19	26.57		26.57
Check	09/14/2023	11139	CANON SOLUTIONS AMERICA, INC.	Inv #6005356268 / Sewer office copier maintenance 7/27 - 8/26	23.39		49.96
Check	09/20/2023	11163	STAPLES CONTRACT	Inv #8071484999 / raw sugar, pens, whiteout, glue sticks, swiffers	50.06		100.02
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Costco - Toilet paper, Keurig coffee maker	79.99		180.01
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Primo Water - bottled water + cooler rental	19.47		199.48
Total 515-2 · Office Supplies - SA					199.48	0.00	199.48
516-1 · Communication & IT							
Check	09/14/2023	11143	DOUGLAS FAST NET	Water office phone/fax/internet	109.79		109.79
Check	09/20/2023	11164	SYSTECH CONSULTING, LLC	Inv #9760 / Managed service plan - August	577.00		686.79
Check	09/20/2023	11164	SYSTECH CONSULTING, LLC	Inv #6457 / Board room tech install	2,730.40		3,417.19
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Right Networks - Cloud Office 365, Transaction Pro Delete/Import/Export	47.48		3,464.67
Paycheck	09/29/2023	DD1721	Campos, David M	Direct Deposit	50.00		3,514.67
Total 516-1 · Communication & IT					3,514.67	0.00	3,514.67
516-2 · Communication & IT - S							
Check	09/14/2023	11143	DOUGLAS FAST NET	Sewer office phone/fax/internet	317.60		317.60
Check	09/20/2023	11164	SYSTECH CONSULTING, LLC	Inv #9760 / Managed service plan - August	577.00		894.60
Check	09/20/2023	11164	SYSTECH CONSULTING, LLC	Inv #6457 / Board room tech install	2,730.40		3,625.00
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Right Networks - Cloud Office 365, Transaction Pro Delete/Import/Export	47.47		3,672.47
Total 516-2 · Communication & IT - S					3,672.47	0.00	3,672.47

Green Area Water & Sanitary Authority
GAWSA Expense Detail
September 2023

Type	Date	Num	Name	Memo	Debit	Credit	Balance
517-1 · Utilities- WA							
Check	09/14/2023	11137	AVISTA UTILITIES	Natural gas service water office 7/21 - 8/22	17.00		17.00
Check	09/19/2023	11158	PACIFIC POWER	Water office electricity 6/30 - 8/2	243.49		260.49
Check	09/29/2023	11180	PACIFIC POWER	Water office electricity 8/2 - 8/31	228.06		488.55
Total 517-1 · Utilities- WA					488.55	0.00	488.55
517-2 · Utilities- SA							
Check	09/14/2023	11137	AVISTA UTILITIES	Natural gas service sewer office 7/21 - 8/22	17.00		17.00
Check	09/19/2023	11158	PACIFIC POWER	Sewer office electricity 6/30 - 8/2	255.67		272.67
Check	09/29/2023	11180	PACIFIC POWER	Sewer office electricity 8/2 - 8/31	245.13		517.80
Total 517-2 · Utilities- SA					517.80	0.00	517.80
518-1 · R & M Office - WA							
Check	09/14/2023	11144	EXODUS PEST CONTROL	Inv #77826 / water office pest control	28.00		28.00
Check	09/19/2023	11157	OREGON LINEN	Inv #987332 / Rug service water office	69.90		97.90
Total 518-1 · R & M Office - WA					97.90	0.00	97.90
518-2 · R & M Office - SA							
Check	09/29/2023	11182	STAPEL PEST SOLUTIONS	Inv #32938 / September pest control - sewer office	45.00		45.00
Total 518-2 · R & M Office - SA					45.00	0.00	45.00
522-1 · Travel & Training - WA							
Check	09/21/2023	ACH	CARDMEMBER SERVICE	AWWA - water operations manuals	677.31		677.31
Total 522-1 · Travel & Training - WA					677.31	0.00	677.31
523-1 · Dues & Subscriptions - WA							
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Shutterstock - monthly subscription	14.50		14.50
Total 523-1 · Dues & Subscriptions - WA					14.50	0.00	14.50
523-2 · Dues & Subscriptions - SA							
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Shutterstock - monthly subscription	14.50		14.50
Total 523-2 · Dues & Subscriptions - SA					14.50	0.00	14.50
525-1 · Misc. Expense - WA							
Check	09/20/2023	11159	NORTHWEST LOCAL GOVERNMENT ...	Inv #13538 / interest charge	0.04		0.04
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Safeway - popsicles for staff	8.00		8.04
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Costco - ice cream bars for staff	4.74		12.78
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Safeway - safety meeting food	5.00		17.78
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Cardmember service - interest	98.14		115.92
Total 525-1 · Misc. Expense - WA					115.92	0.00	115.92
525-2 · Misc Expense - SA							
Check	09/05/2023	11133	WELLS FARGO BANK	Finance charges	45.55		45.55
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Costco - ice cream bars for staff	4.75		50.30
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Safeway - safety meeting food	5.00		55.30
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Cardmember service - interest	98.15		153.45
Total 525-2 · Misc Expense - SA					153.45	0.00	153.45
526-2 · Rental Property Maintenance							
Check	09/19/2023	11158	PACIFIC POWER	Holgate rental electricity 7/3 - 8/3	63.50		63.50
Check	09/19/2023	11158	PACIFIC POWER	Harmony rental electricity 7/3 - 8/3	18.76		82.26
Check	09/29/2023	11180	PACIFIC POWER	Holgate rental electricity 8/3 - 9/1	53.97		136.23
Check	09/29/2023	11180	PACIFIC POWER	Harmony rental electricity 8/3 - 9/1	19.28		155.51
Total 526-2 · Rental Property Maintenance					155.51	0.00	155.51
531-1 · Statement Printing/Mailing - WA							
Check	09/21/2023	ACH	BMS TECHNOLOGIES	Inv #87625 / September billing statements printing and mailing	1,061.36		1,061.36
Total 531-1 · Statement Printing/Mailing - WA					1,061.36	0.00	1,061.36

Green Area Water & Sanitary Authority
GAWSA Expense Detail
September 2023

Type	Date	Num	Name	Memo	Debit	Credit	Balance
531-2 · Statement Printing/Mailing - SA							
Check	09/21/2023	ACH	BMS TECHNOLOGIES	Inv #87625 / September billing statements printing and mailing	1,061.35		1,061.35
Total 531-2 · Statement Printing/Mailing - SA					1,061.35	0.00	1,061.35
532-1 · IVR System Costs - WA							
Check	09/14/2023	11148	IVR TECHNOLOGY GROUP	Inv #IV18093 / Aug IVR maintenance and tx fees	64.32		64.32
Total 532-1 · IVR System Costs - WA					64.32	0.00	64.32
532-2 · IVR System Costs - SA							
Check	09/14/2023	11148	IVR TECHNOLOGY GROUP	Inv #IV18093 / Aug IVR maintenance and tx fees	64.31		64.31
Total 532-2 · IVR System Costs - SA					64.31	0.00	64.31
533-1 · Merchant Service Fees - WA							
Check	09/14/2023	11141	CONTINENTAL UTILITY SOLUTIONS, L...	Inv # R16566 / August merchant service fees	1,090.90		1,090.90
Check	09/14/2023	11141	CONTINENTAL UTILITY SOLUTIONS, L...	Inv # R16672 / August ACH and eCheck fees	10.50		1,101.40
Total 533-1 · Merchant Service Fees - WA					1,101.40	0.00	1,101.40
533-2 · Merchant Service Fees - SA							
Check	09/14/2023	11141	CONTINENTAL UTILITY SOLUTIONS, L...	Inv # R16566 / August merchant service fees	1,090.91		1,090.91
Check	09/14/2023	11141	CONTINENTAL UTILITY SOLUTIONS, L...	Inv # R16672 / August ACH and eCheck fees	10.50		1,101.41
Total 533-2 · Merchant Service Fees - SA					1,101.41	0.00	1,101.41
534-1 · Postage - WA							
Check	09/21/2023	ACH	CARDMEMBER SERVICE	USPS / 1,000 stamped envelopes	409.35		409.35
Check	09/21/2023	ACH	CARDMEMBER SERVICE	GoIn Postal - customer certified ltr w/ return receipt	5.20		414.55
Total 534-1 · Postage - WA					414.55	0.00	414.55
534-2 · Postage - SA							
Check	09/21/2023	ACH	CARDMEMBER SERVICE	USPS / 1,000 stamped envelopes	409.35		409.35
Check	09/21/2023	ACH	CARDMEMBER SERVICE	GoIn Postal - customer certified ltr w/ return receipt	5.21		414.56
Total 534-2 · Postage - SA					414.56	0.00	414.56
535-1 · Contract Services - Meter Reads							
Check	09/19/2023	11154	METEREADERS, LLC	Inv #10916 / August meter readings	2,530.40		2,530.40
Total 535-1 · Contract Services - Meter Reads					2,530.40	0.00	2,530.40
551-1 · Building Improvements - WA							
Check	09/21/2023	11173	WOODGRAINS AND STONE, INC.	Inv #3485 / Board room and kitchen cabinetry, desk	6,726.00		6,726.00
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Floor brokers - rubber wall base for Board room	35.85		6,761.85
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Home Depot - wall base adhesive, xl caulk gun, spreader tip	19.91		6,781.76
Total 551-1 · Building Improvements - WA					6,781.76	0.00	6,781.76
551-2 · Building Improvements - SA							
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Floor brokers - rubber wall base for Board room	35.85		35.85
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Home Depot - wall base adhesive, xl caulk gun, spreader tip	19.91		55.76
Total 551-2 · Building Improvements - SA					55.76	0.00	55.76
606-1 · Health Ins. Benefits - WO							
Check	09/20/2023	11161	SDIS	October health and supplemental ins prems	12,279.65		12,279.65
Total 606-1 · Health Ins. Benefits - WO					12,279.65	0.00	12,279.65
606-2 · Health Ins. Benefits - SO							
Check	09/20/2023	11161	SDIS	October health and supplemental ins prems	6,092.04		6,092.04
Total 606-2 · Health Ins. Benefits - SO					6,092.04	0.00	6,092.04

Green Area Water & Sanitary Authority
GAWSA Expense Detail
September 2023

Type	Date	Num	Name	Memo	Debit	Credit	Balance
607-1 · Retirement Contributions - WO							
Check	09/29/2023	11175	EDWARD JONES CO.	Apr-June SEP IRA contributions	12,438.72		12,438.72
Total 607-1 · Retirement Contributions - WO					12,438.72	0.00	12,438.72
607-2 · Retirement Contributions - SO							
Check	09/29/2023	11175	EDWARD JONES CO.	Apr-June SEP IRA contributions	6,498.00		6,498.00
Total 607-2 · Retirement Contributions - SO					6,498.00	0.00	6,498.00
610-1 · Vehicle/Equipment O & M - WO							
Check	09/14/2023	11136	NAPA AUTO PARTS	Inv #903098 / PO 18262 / Windshield wipers for service trk	47.98		47.98
Check	09/14/2023	11138	BASSETT-HYLAND ENERGY	Inv #CL18429 / trucks and equipment fuel 8/1 - 8/15	308.68		356.66
Check	09/14/2023	11138	BASSETT-HYLAND ENERGY	Inv #CL18835 / trucks and equipment fuel 8/16 - 8/31	665.54		1,022.20
Check	09/14/2023	11142	DOUGLAS CO. FARMERS CO-OP	Inv #58284 / PO 18248 / Foam car wash	13.99		1,036.19
Check	09/21/2023	ACH	CARDMEMBER SERVICE	B & R Auto Wrecking / PO 18230 / Drivers seat gray Dodge	170.00		1,206.19
Check	09/29/2023	11176	BASSETT-HYLAND ENERGY	Inv #CL19224 / trucks and equipment fuel 9/1 - 9/15	276.20		1,482.39
Total 610-1 · Vehicle/Equipment O & M - WO					1,482.39	0.00	1,482.39
610-2 · Vehicle/Equipment O & M - SO							
Check	09/14/2023	11138	BASSETT-HYLAND ENERGY	Inv #CL18429 / trucks and equipment fuel 8/1 - 8/15	172.43		172.43
Check	09/14/2023	11138	BASSETT-HYLAND ENERGY	Inv #CL18835 / trucks and equipment fuel 8/16 - 8/31	308.48		480.91
Check	09/14/2023	11140	CHUCK SWARM & FAMILY AUTO RE...	Inv #26116 / PO 18261 / O2 sensor replace - 2016 Chevy	221.90		702.81
Check	09/20/2023	11162	SWS EQUIPMENT	Inv #0159811-IN / PO 18264 / Vac Truck equipment - grenade nozzle, reduction bushing	1,604.25		2,307.06
Check	09/20/2023	11171	WESTERN SYSTEMS & FABRICATION	Inv #40226 / PO 18247 / Pressure regulator for Vac Truck	2,639.37		4,946.43
Check	09/29/2023	11176	BASSETT-HYLAND ENERGY	Inv #CL19224 / trucks and equipment fuel 9/1 - 9/15	87.44		5,033.87
Check	09/29/2023	11178	CHUCK SWARM & FAMILY AUTO RE...	Inv #26285 / PO 18288 / Cap, rotor, plugs - 2000 Chevy truck	652.08		5,685.95
Total 610-2 · Vehicle/Equipment O & M - SO					5,685.95	0.00	5,685.95
611-1 · Dues/Fees/Subscriptions- WO							
Check	09/19/2023	11156	ONE CALL CONCEPTS, INC.	Inv #3080705 / August locate tickets	37.80		37.80
Total 611-1 · Dues/Fees/Subscriptions- WO					37.80	0.00	37.80
611-2 · Dues/Fees/Subscriptions- SO							
Check	09/19/2023	11156	ONE CALL CONCEPTS, INC.	Inv #3080705 / August locate tickets	37.80		37.80
Total 611-2 · Dues/Fees/Subscriptions- SO					37.80	0.00	37.80
612-1 · Communication & IT - Ops							
Check	09/14/2023	11143	DOUGLAS FAST NET	Carnes shop internet	84.39		84.39
Check	09/14/2023	11143	DOUGLAS FAST NET	WTP phone/fax/internet/alarm line	127.45		211.84
Check	09/20/2023	11170	VERIZON WIRELESS	Inv #9942429395 / tablet line	46.06		257.90
Paycheck	09/29/2023	DD1722	Carlson, Trev W	Direct Deposit	50.00		307.90
Paycheck	09/29/2023	DD1725	Hope, Will T	Direct Deposit	50.00		357.90
Paycheck	09/29/2023	DD1726	Manson, Joshua T.	Direct Deposit	50.00		407.90
Paycheck	09/29/2023	DD1728	Paulson, Alan D.	Direct Deposit	50.00		457.90
Paycheck	09/29/2023	DD1729	Radford, Daniel L.	Direct Deposit	50.00		507.90
Paycheck	09/29/2023	DD1732	Wolford, Jeremy J.	Direct Deposit	50.00		557.90
Total 612-1 · Communication & IT - Ops					557.90	0.00	557.90
612-2 · Communication & IT - SO							
Paycheck	09/29/2023	DD1723	Chasteen, Matthew S.	Direct Deposit	50.00		50.00
Paycheck	09/29/2023	DD1727	Miller, Shannon L.	Direct Deposit	50.00		100.00
Total 612-2 · Communication & IT - SO					100.00	0.00	100.00
614-1 · Safety Equipment - WO							
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Costco - batteries for water crew	62.97		62.97
Total 614-1 · Safety Equipment - WO					62.97	0.00	62.97

Green Area Water & Sanitary Authority
GAWSA Expense Detail
September 2023

Type	Date	Num	Name	Memo	Debit	Credit	Balance
615-1 · Misc Expense - WO							
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Home Depot - Refrigerator for WTP	578.00		578.00
Total 615-1 · Misc Expense - WO					578.00	0.00	578.00
620-1 · R & M Water Distribution							
Check	09/14/2023	11145	FEL #3011 WATERWORKS	Inv #79583 / PO 18257 / 1.5" OMNI meter for 375 Christensen Ln	1,549.13		1,549.13
Check	09/20/2023	11165	STRATTON BROS. INC.	Inv #2023-391 / PO 18249 / repair parking lot @ Sunnyslope re: valve leak	9,100.00		10,649.13
Check	09/20/2023	11168	UMPQUA QUARRIES, LLC	Inv #65584 / PO 18244 / crushed rock for Hwy 99 10" main repair	129.96		10,779.09
Total 620-1 · R & M Water Distribution					10,779.09	0.00	10,779.09
621-1 · R & M - Dist Shop							
Check	09/20/2023	11172	WINSTON SANITARY SERVICE	Inv #297155 / 200 Gal weekly dumpster - Carnes	94.25		94.25
Total 621-1 · R & M - Dist Shop					94.25	0.00	94.25
622-1 · Tools & Supplies - Distribution							
Check	09/14/2023	11142	DOUGLAS CO. FARMERS CO-OP	Inv #58284 / PO 18248 / Borax and Heavy Duty mop	41.97		41.97
Check	09/14/2023	11142	DOUGLAS CO. FARMERS CO-OP	Inv #58425 / PO 18253 / Wasp and hornet killer spray	21.96		63.93
Check	09/14/2023	11142	DOUGLAS CO. FARMERS CO-OP	Inv #58501 / PO 18255 / Pull cord for trash pump	9.99		73.92
Check	09/14/2023	11146	FLURY SUPPLY	Inv #4612 / PO 18243 / 1.5" fire hose repair	120.00		193.92
Check	09/14/2023	11149	CORIX WATER PRODUCTS, INC.	Inv #U2316034523 / PO 18251 / Red razor pvc pipe cutter	97.58		291.50
Check	09/19/2023	11153	LONG'S BUILDING SUPPLY	Inv #374539 / PO 18252 / Plunger - for Vactron	5.99		297.49
Total 622-1 · Tools & Supplies - Distribution					297.49	0.00	297.49
624-1 · Utilities - Water Dist WO							
Check	09/14/2023	11137	AVISTA UTILITIES	Natural gas service Highland PS 7/21 - 8/22	21.80		21.80
Check	09/14/2023	11137	AVISTA UTILITIES	Natural gas service Carnes shop 7/21 - 8/22	46.31		68.11
Check	09/19/2023	11158	PACIFIC POWER	Tipton PS/Roseburg intertie electricity 7/13 - 8/14	82.48		150.59
Check	09/19/2023	11158	PACIFIC POWER	Carnes shop electricity 6/30 - 8/2	175.88		326.47
Check	09/19/2023	11158	PACIFIC POWER	Highland Vista PS electricity 6/30 - 8/2	459.81		786.28
Check	09/19/2023	11158	PACIFIC POWER	Glengary PS electricity 7/3 - 8/3	39.72		826.00
Check	09/29/2023	11180	PACIFIC POWER	Tipton PS/Roseburg intertie electricity 8/14 - 7/13	84.30		910.30
Check	09/29/2023	11180	PACIFIC POWER	Carnes shop electricity 8/2 - 8/31	165.10		1,075.40
Check	09/29/2023	11180	PACIFIC POWER	Highland Vista PS electricity 8/2 - 8/31	422.42		1,497.82
Check	09/29/2023	11180	PACIFIC POWER	Glengary PS electricity 8/3 - 9/1	39.72		1,537.54
Total 624-1 · Utilities - Water Dist WO					1,537.54	0.00	1,537.54
626-1 · Water Samples - WO							
Check	09/20/2023	11169	UMPQUA RESEARCH	Inv #M071703 / 8 coliforms tests	192.00		192.00
Check	09/20/2023	11169	UMPQUA RESEARCH	Inv #M071763 / 2 TOC, 1 Alkalinity test	147.50		339.50
Check	09/20/2023	11169	UMPQUA RESEARCH	Inv #M071812 / 20 Lead and copper tests	900.00		1,239.50
Total 626-1 · Water Samples - WO					1,239.50	0.00	1,239.50
627-1 · Backflow Tests- WO							
Check	09/14/2023	11147	H2O BACKFLOW TESTING	Inv #386975 / 4 non-comp BF tests	180.00		180.00
Total 627-1 · Backflow Tests- WO					180.00	0.00	180.00
628-1 · Inventory Adjustment W							
Check	09/14/2023	11149	CORIX WATER PRODUCTS, INC.	Inv #U2316032745 / PO 18241 / ROMAC saddles for inventory	242.16		242.16
Check	09/14/2023	11149	CORIX WATER PRODUCTS, INC.	Inv #U2316033563 / PO 18245 / C900-16 blue pvc pipe	776.20		1,018.36
Check	09/14/2023	11149	CORIX WATER PRODUCTS, INC.	Inv #U2316034523 / PO 18251 / 2 Hymax Flip couplings	1,189.48		2,207.84
Check	09/14/2023	11149	CORIX WATER PRODUCTS, INC.	Inv #U2316035807 / PO 18260 / Traffic boxes and lids for inventory	945.00		3,152.84
Check	09/29/2023	11179	FERGUSON WATERWORKS #3011	Inv #1206810 / PO 18270 / 10 3/4" inline ball valves	1,007.80		4,160.64
Check	09/29/2023	11181	ROCK-IT MAN TRUCKING	Inv #771777 / PO 18276 / Rock haul for inventory 3.0 hrs	360.00		4,520.64
Total 628-1 · Inventory Adjustment W					4,520.64	0.00	4,520.64
641-2 · R & M Lines & Manholes - SO							
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Teledyne ISCO / PO 18237 / battery for Landers Ln flow station	291.00		291.00
Total 641-2 · R & M Lines & Manholes - SO					291.00	0.00	291.00

Green Area Water & Sanitary Authority
GAWSA Expense Detail
September 2023

Type	Date	Num	Name	Memo	Debit	Credit	Balance
642-2 · Tools & Supplies - SO							
Check	09/14/2023	11146	FLURY SUPPLY	Inv #4612 / PO 18243 / 2" lay flat hose, 2.5" SS for vac truck	104.36		104.36
Check	09/20/2023	11160	RJM EQUIPMENT SALES, INC.	Inv #5975 / PO 18258 / RD7200 Cable and pipe locator	2,582.00		2,686.36
Check	09/20/2023	11160	RJM EQUIPMENT SALES, INC.	Inv #5975 / PO 18259 / Push camera - H12 w/ monitor, keyboard, cam, patch cable, 200' reel	11,361.00		14,047.36
Check	09/20/2023	11163	STAPLES CONTRACT	Inv #8071484999 / ear plugs	57.39		14,104.75
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Costco - batteries for sanitary crew	37.98		14,142.73
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Amazon / PO 18236 / screen protector for GIS Ipad	10.99		14,153.72
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Amazon / PO 18238 / Garden hose nozzle for TV trailer	12.99		14,166.71
Check	09/21/2023	ACH	CARDMEMBER SERVICE	DC Farmer's Co-op / PO 18212 / credit taken twice in error	71.96		14,238.67
Total 642-2 · Tools & Supplies - SO					14,238.67	0.00	14,238.67
647-2 · G4 Pumpstation - SO							
Check	09/14/2023	11143	DOUGLAS FAST NET	G4 pumpstation alarm line	13.92		13.92
Check	09/19/2023	11158	PACIFIC POWER	G4 PS electricity 6/30 - 8/2	1,282.11		1,296.03
Check	09/29/2023	11180	PACIFIC POWER	G4 PS electricity 8/2 - 8/31	1,325.38		2,621.41
Total 647-2 · G4 Pumpstation - SO					2,621.41	0.00	2,621.41
648-2 · O&M Pumpstations - SO							
Check	09/19/2023	11158	PACIFIC POWER	Oak Creek PS electricity 6/30 - 8/2	45.69		45.69
Check	09/19/2023	11158	PACIFIC POWER	Briarwood PS electricity 6/30 - 8/2	24.95		70.64
Check	09/29/2023	11180	PACIFIC POWER	Oak Creek PS electricity 8/2 - 8/31	43.84		114.48
Check	09/29/2023	11180	PACIFIC POWER	Briarwood PS electricity 8/2 - 8/31	24.62		139.10
Total 648-2 · O&M Pumpstations - SO					139.10	0.00	139.10
700-1 · WTP R & M							
Check	09/14/2023	11135	ATLAS COPCO COMPRESSORS, LLC	Inv #1123087774 / PO 18267 / Kit wear drain	102.64		102.64
Check	09/20/2023	11166	TINKER'S PUMP SERVICE, INC.	Inv #60099 / PO 18256 / Check vibration on treated pump	120.00		222.64
Check	09/29/2023	11177	CAMP CREEK ELECTRIC	Inv #3819 / PO 18272 / Blower soft starter troubleshoot & repair	3,516.91		3,739.55
Total 700-1 · WTP R & M					3,739.55	0.00	3,739.55
701-1 · WTP Tools & Supplies							
Check	09/14/2023	11139	CANON SOLUTIONS AMERICA, INC.	Inv #6005262345 / Water Plant copier maintenance 7/20 - 8/19	4.62		4.62
Check	09/14/2023	11142	DOUGLAS CO. FARMERS CO-OP	Inv #58236 / PO 18246 / Multi-meter and pipe fittings	40.56		45.18
Check	09/21/2023	ACH	CARDMEMBER SERVICE	Costco - batteries for WTP	32.68		77.86
Total 701-1 · WTP Tools & Supplies					77.86	0.00	77.86
702-1 · WTP Utilities							
Check	09/19/2023	11158	PACIFIC POWER	WTP electricity 6/30 - 8/2	14,262.98		14,262.98
Check	09/29/2023	11180	PACIFIC POWER	WTP electricity 8/2 - 8/31	13,477.57		27,740.55
Total 702-1 · WTP Utilities					27,740.55	0.00	27,740.55
704-1 · WTP Chemicals							
Check	09/19/2023	11155	NORTHSTAR CHEMICAL, INC.	Inv #262690 / PO 18269 / Citric acid 50% 200 gal, Phophoric acid 75% 7,550#	13,560.00		13,560.00
Total 704-1 · WTP Chemicals					13,560.00	0.00	13,560.00
706-1 · WTP MIOX System							
Check	09/14/2023	11142	DOUGLAS CO. FARMERS CO-OP	Inv #58464 / PO 18254 / Filters for MIOX machine	47.96		47.96
Check	09/20/2023	11167	USA BLUE BOOK	Inv #INV00117713 / PO 18263 / 3 repair kits for Griffco valves	225.06		273.02
Total 706-1 · WTP MIOX System					273.02	0.00	273.02
711-5 · WTP Plant Improvements							
Check	09/29/2023	11177	CAMP CREEK ELECTRIC	Inv #3820 / PO 18273 / WTP interior lighting	22,500.00		22,500.00
Check	09/29/2023	11177	CAMP CREEK ELECTRIC	Inv #3821 / PO 18274 / WTP exterior lighting	32,500.00		55,000.00
Total 711-5 · WTP Plant Improvements					55,000.00	0.00	55,000.00

Green Area Water & Sanitary Authority
GAWSA Expense Detail
 September 2023

Type	Date	Num	Name	Memo	Debit	Credit	Balance
712-2 · O&M Regional WWTP							
Check	09/21/2023	11174	CITY OF WINSTON	WWTP Personal services - July 2023	22,940.73		22,940.73
Total 712-2 · O&M Regional WWTP					22,940.73	0.00	22,940.73
TOTAL					247,460.91	0.00	247,460.91

GREEN AREA WATER & SANITARY AUTHORITY
GENERAL MANAGER'S REPORT
October 12, 2023

SDAO Best Practices Checklist

This year's theme for the Best Practices Checklist is Emergency Preparedness. The checklist consists of 5 different requirements, each earning the Authority a 2% discount on our Property & Casualty insurance premium. We have satisfied 4 of the 5 requirements so far.

Cybersecurity Grant Opportunity

There is a grant available for cybersecurity projects as part of the State and Local Cybersecurity Grant Program (SLCGP). The funding comes from federal awards. Aside from the SLCGP Grant, the SDAO Safety and Security Grant is also funding cybersecurity projects. There are two small projects I would like to implement:

- Migrate GAWSA website and domain to a .gov extension
- Implement Multifactor Authentication security

I will pursue grant funding for these security measures, however if we are not awarded any grants, I feel that we should proceed with implementation, as I feel the costs would be reasonable.

Financial Records

I am still working to get caught up with the financial records. What I have learned- and somewhat expected- is that accounting for both water and sewer is quite cumbersome. I plan to budget in the next year to move to a new accounting system- one that will integrate with our utility billing program and automate a lot of the manual data entry.

GAWSA Christmas Party

We will hold a Christmas party for staff, board members, and guests on December 16 at the Winston Community Center. I will have a handout at the meeting with details.

Green Area Water & Sanitary Authority Transaction List - Summary

Sort order: Customer No.

From: 9/1/2023 Through: 9/30/2023

Limited to :

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

Deposits Transaction Types:

Transaction Type	Applies To	Transaction Amount
Collection Write-Off	Water Charge	(\$36.60)
	Service Charge Charge	(\$98.73)
	Sewer Charge	(\$80.53)
		(\$215.86)
Delinquency	Water Interest	\$120.00
	Water Penalty	\$2,510.00
	Miscellaneous Interest	\$20.00
	Miscellaneous Penalty	\$10.00
	Service Charge Interest	\$620.00
	Service Charge Penalty	\$60.00
	Sewer Interest	\$60.00
Sewer Penalty	\$325.00	
		\$3,725.00
Misc Chrg.	Miscellaneous (BF)	\$675.00
	Miscellaneous (SOL)	\$25.00
	Service Charge (AF)	\$525.00
		\$1,225.00
Grand Total:		\$4,734.14

Green Area Water & Sanitary Authority
Customer Payment History - Summary

Sort Order : Payment Source
 From: 9/1/2023 Through: 9/30/2023

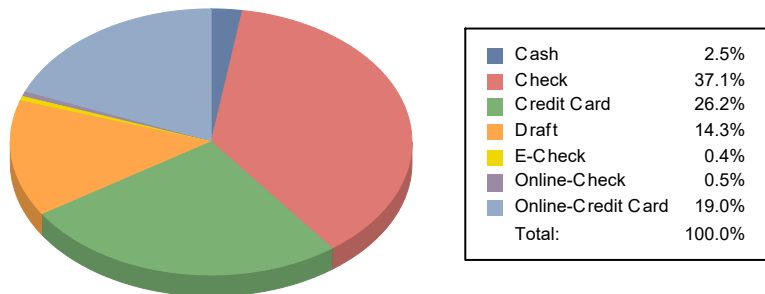
Payment Method	Quantity	Payment Amount
Cash	76	\$7,188.22
Check	1,112	\$150,437.38
Credit Card	786	\$78,768.18
Draft	430	\$48,477.77
E-Check	11	\$847.74
Online-Check	16	\$1,525.24
Online-Credit Card	569	\$54,174.66

Summary totals do not include reversed/transferred payments.

Service	Trans. Amount
Miscellaneous	\$(8,693.01)
Second Level Charge	\$(800.00)
Service Charge	\$(75,868.43)
Sewer	\$(119,207.53)
Water	\$(136,850.22)
Totals	\$(341,419.19)

Payment Method	Quantity	Payment Amount
Payment Source		
Amount		
Autopay		
Credit Card		\$(50,729.52)
Draft		\$(48,477.77)
		\$(99,207.29)
Customer Portal		
Online-Check		\$(1,525.24)
Online-Credit Card		\$(54,071.66)
		\$(55,596.90)
IVR		
Credit Card		\$(2,559.30)
E-Check		\$(341.19)
		\$(2,900.49)
Lockbox		
Check		\$(130,783.13)
		\$(130,783.13)
Manual		
Cash		\$(7,188.22)
Check		\$(19,654.25)
Credit Card		\$(25,479.36)
E-Check		\$(506.55)
Online-Credit Card		\$(103.00)
		\$(52,931.38)
Totals		\$(341,419.19)

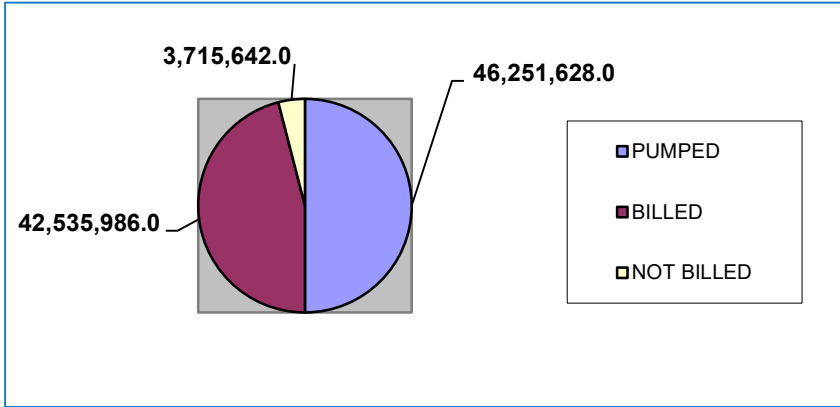
Payment Breakdown



Gallons Consumed vs. Billed

SEPTEMBER 2023

GALLONS PUMPED	GALLONS BILLED	PUMPED BUT NOT BILLED	WATER LOSS PERCENTAGE
46,251,628	42,535,986	3,715,642	8.03%



30 DAYS IN BILLING CYCLE: 8/11/2023 TO 9/10/2023

Repairs, leaks, etc. rendering unverifiable consumption

8/12/23	REPAIR SERVICE LINE	AFTER HRS	708 GLENGARY LOOP
8/15/23	REPAIR SERVICE LINE		2507 LANDERS
8/18/23	REPAIR SERVICE LINE		2097 PALOS VERDES
8/18/23	REPAIR SERVICE LINE		2191 EDNA
8/21/23	REPAIR SERVICE LINE		2098 PALOS VERDES
8/24/23	REPAIR SERVICE LINE		2063 AUSTIN RD
8/25/23	REPAIR SERVICE LINE		2069 DELMAR
8/27/23	REPAIR SERVICE LINE		24 CARMEL CT
8/28/23	REPLACE SERVICE		425 CORONA LP
9/9/23	REPAIR SERVICE LINE		2354 CASTLE AVE

2021-2022	DIFFERENCE GALLONS	WATER LOSS %	2022-2023	DIFFERENCE GALLONS	WATER LOSS %	2023-2024	DIFFERENCE GALLONS	WATER LOSS %
JULY	14,424,768	24.01%	JULY	7,208,464	16.69%	JULY	4,149,640	7.72%
AUGUST	891,740	1.75%	AUGUST	6,288,944	12.76%	AUGUST	3,632,880	6.61%
SEPTEMBER	9,399,209	16.62%	SEPTEMBER	6,173,568	9.86%	SEPTEMBER	3,715,642	8.03%
OCTOBER	6,648,943	19.98%	OCTOBER	1,558,200	5.23%	OCTOBER		
NOVEMBER	5,345,660	19.63%	NOVEMBER	3,277,798	11.61%	NOVEMBER		
DECEMBER	5,288,999	21.24%	DECEMBER	4,326,723	16.82%	DECEMBER		
JANUARY	4,577,755	19.15%	JANUARY	6,252,823	24.38%	JANUARY		
FEBRUARY	6,488,224	25.31%	FEBRUARY	6,565,010	25.03%	FEBRUARY		
MARCH	5,547,050	25.09%	MARCH	4,405,826	17.32%	MARCH		
APRIL	7,211,784	25.10%	APRIL	8,807,537	31.45%	APRIL		
MAY	5,995,498	23.84%	MAY	6,022,580	21.28%	MAY		
JUNE	6,966,924	21.19%	JUNE	7,523,735	14.59%	JUNE		
AVERAGE			AVERAGE			AVERAGE		
LOSS:	6,565,546	20.24%	LOSS:	5,700,934	17.25%	LOSS:	3,832,721	7.45%

SANITARY OPERATIONS REPORT

October 12, 2023

Construction Projects

- Green Family Housing, 73 units, 4 buildings, ie Engineering.
 - Project delayed for wetland approval.
- Winery Lane Inspired Healthcare Capital.
 - Should start construction December 2023.
- Doris to Happy Valley Commercial Property Extension.
 - Owners will extend gravity infrastructure to gain access to sewer.
 - Design underway.

Collection System

- Manhole inspections project 'K' Basin complete, picking up a few incomplete MH with access issues. Starting 'J' Basin inspections.
- TV annual project.
 - 'K' Basin, flushing and CCTV complete, picking up a few incomplete straggler lines.
 - Updating GIS and AutoCAD with lateral location changes underway.
- Push cameras and camera trailer.
 - New system works excellent.
 - Old system has been rebuilt and works very well.
 - Small tractor & backup camera head out for sealing repairs, waiting to be picked up.
- Vacancy list, reviewed and up to date.
- Emergency Response Plan, updated for Sanitary Division.

G4 and Pump Stations

- GAWSA Pump Stations ran well, with typical operation and maintenance.
- PP&L power went out twice at G4 last month, the Generator transferred as expected.
 - Annual emergency response training with crew.

Meetings and Conferences

- Matt and I attended the DCUCC meeting.
- Asbestos recertification class attended September 28th, by all license holders.

Lateral Inspections & GIS

- 18 Inspections.
 - 2750, 2754, 2760 Landers, GIS update.
 - 5361 Grange, I&I replacement, GIS update.
 - 1934 Castle, I&I repair, GIS update.
 - 5250, 5258, 5459 Grange, GIS update.
 - 5222 Lance, GIS update.
 - 261 Happy Valley, GIS update.
 - 1742 Rolling Hills, GIS update.
 - 5579 Grange, RRRV park PS discharge, GIS update.
 - 197, 203 Sisters, GIS update.
 - 3775 Amber, GIS update.
 - 149, 163 Wingate, GIS update.
 - 550 Char, GIS update.

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
October 2023

Ben Tatone has submitted plans for the water line extension on Oly Ln. They look good, and he'll notify us when they are ready to start construction.

The electricians have finished working on the lighting at the water treatment plant. It had made a tremendous difference.

We are still waiting on both the power supplies and cell for the MIOX unit. Supply issues have continued to be an ongoing problem.

Multiple crew members attended an Asbestos Workers Class, held at the Sanitary building.

Jeremy and I attended a training class for the mobile treatment trailer. It was very beneficial, and we had many take aways from the event. We still haven't received the disinfection for the unit, but learned a lot talking with other operators and are currently working on an SOP for the trailer and how to distribute water once it has been treated.

We have put our settling basin back online for the winter. This helps us to not overload the membranes as well as treating the leaf stain that comes with this time of year.

September 9th, we experienced a large loss of water when a fire hydrant blew off the mainline, on the north end of Carnes Rd.

Trev Carlson has recently taken and passed his Distribution 1 test.

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 – September 2023

September 1st

- Hauled 40,500 gallons of liquid biosolids
- Filled Drying Beds 11,000 Gallons
- Pulled weeds
- Changed oil in Primary Clarifier # 1
- Finished filling drying beds for the year
- Cleaned Blower Building
- Cleaned Digester building
- Installed replacement AC in digester control room
- Fixed leaking chlorine tank
 - Staff plastic welded the tank
- Sprayed weeds
- Digester # 2 level at a point where staff will be climbing in to continue the cleaning

September 8th

- Hauled 25,000 gallons of liquid biosolids
- Pulled weeds
- Changed grease in Primary Clarifier # 1
- Continued to clean out digester # 2
- Picked up drying beds
- Repaired microchlor system
- Mowed
- Preventative maintenance performed of blower # 5

September 15th

- Finished emptying digester # 2
- Picked up drying beds
- Preventative Maintenance
- Engineered plan to clean out poo truck
- Yard Maintenance

September 22nd

- Finished picking up all the drying beds for the year
- Hauled biosolids
- Cleaned biosolids tanker out
- Grounds maintenance
- Access path on east side of the plant made wider
- Hauled in from lookingglass rock pit for path project
- Preventative maintenance
- Repaired several hoses

WINSTON-GREEN REGIONAL WASTEWATER TREATMENT FACILITY
Weekly Reports – September 2023

September 29th

- Level sensor on top of salt tank failed
 - Staff has a spare, but is waiting for the rain to stop before replacing it.
- Facility maintenance
- Influent pump # 2 developed a severe vibration. Staff is having trouble locating the cause if it
 - It is offline until fixed
- Fall cleanup
- Shop Organization
- Sonitrol security onsite installing new security system
 - The old system had got to the point that it could not function and call out over the newer phone line systems
- Staff is working on annual DMR QAQC lab testing

Winston- Green WWTF

September 2023

General

1.) Plant Influent Flow (MG)	<u>2023</u>		<u>2022</u>	
<i>Winston</i>	16.99	46%	15.54	45%
<i>Green</i>	20.27	54%	18.82	55%
<i>Rainfall</i>	2.98		1.04	
<i>Chlorine (Gallons)</i>	20,370		22,383	
<i>Leachate(Gallons)</i>	121,000		291,500	

Bio-Solids

1.) Storing Bio-Solids

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.23	14.88	19.15	0.380	34.41	0.25
Sept.23	16.99	20.27	0.521	37.79	2.98
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	315.92	306.56	6.419	628.90	30.05
GREEN + LANDERS		312.98			
APPORTIONMENT	50.23%	49.77%			
			100%		

WINSTON-GREEN WWTF

September 2023

SYSTEM CLASSIFICATION: IV PERMIT # 100554
 COUNTY: DOUGLAS

POPULATION: 10000 TYPE: RBC / ACTIVATED SLUDGE
 BIOSOLIDS

FILE # 98400

D	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 CBOD DIS	EFF SS mg/l	% REM SS	LBS DIS SS	CL2 RES mg/l	CL2 USED GAL.	ECOLI COL	LAND gallons	DRYING BEDS gallons	RAIN FALL inches
1	1.289	7.4	159	320						6.9	24.4	3.9	98%	42	3.2	99%	34	0.04	680			0.01	
2	1.245	7.4								6.7	24.8							0.03	671			0.02	
3	1.222	7.4								6.8	24.6							0.03	665	5.2		0.08	
4	1.319	7.5			0.33					6.9	24.4							0.06	681			0.10	
5	1.222	7.3	201	426		11.70	0.26	17.9	6.8	7.0	24.3	3.8	98%	39	3.2	99%	33	0.04	668	9.5			
6	1.256	7.4	375	312	0.52					6.9	24.2	6.6	98%	69	3.2	99%	34	0.05	664				
7	1.193	7.5								7.0	24.2							0.05	663		13,500		
8	1.202	7.3	155	362						6.8	24.1	3.8	98%	38	3.6	99%	36	0.07	665		13,500		
9	1.237	7.4								6.8	24.3							0.04	671				
10	1.271	7.4								6.9	24.2							0.08	663	3.1			
11	1.223	7.4	164	376	0.13	1.94	0.04	17.6	7.8	7.0	24.2	2.7	98%	28	1.6	100%	16	0.07	663	59.8	4,500		
12	1.231	7.4								6.8	24.2							0.08	664		9,000		
13	1.193	7.5	137	341	0.25					6.8	24.2	2.7	98%	27	2.0	99%	20	0.06	662		13,500		
14	1.182	7.5								6.9	24.2							0.04	659		13,500		
15	1.178	7.3	170	410						6.9	24.3	3.2	98%	31	2.0	100%	20	0.05	648				
16	1.161	7.3								6.8	24.3							0.05	643				
17	1.266	7.3								6.9	24.3							0.07	676	<1			
18	1.169	7.3	146	295	0.19	1.69	0.08	16.6	6.0	7.0	24.3	1.7	99%	17	2.4	99%	23	0.05	657	<1	18,000		
19	1.192	7.4								6.9	23.9							0.07	663				
20	1.212	7.4	234	491	0.09					6.9	23.6	2.5	99%	25	1.4	100%	14	0.07	662			0.01	
21	1.170	7.3								6.9	23.4							0.08	643		22,500		
22	1.216	7.3	162	356						6.9	23.4	2.5	98%	25	1.0	100%	10	0.05	661		18,000		
23	1.202	7.3								7.0	23.3							0.06	659		4,500		
24	1.273	7.6								6.6	22.9							0.06	666	4.1		0.17	
25	1.538	7.4	198	399	1.31	4.56	0.35	20.1	10.1	6.9	22.9	1.8	99%	23	4.6	99%	59	0.06	710	36.8		0.77	
26	1.375	7.6								6.9	23.0							0.08	699			0.13	
27	1.417	7.4	136	277	0.34					7.0	22.9	2.6	98%	31	2.8	99%	33	0.07	743			0.01	
28	1.270	7.5								7.1	22.7							0.08	693			0.03	
29	2.245	7.5	135	270						6.9	22.7	3.1	98%	58	2.4	99%	45	0.05	820			1.65	
30	1.886	7.5								7.1	22.2							0.03	788				
TOT	39.06													453			377	####		130,500	0	2.98	
MAX	2.245	7.6	375	491	1.31	11.70	0.35	20.1	10.1	7.1	24.8	6.6	99%	69	4.6	100%	59	0.08	820	59.8	22,500	0	1.65
MIN	1.161	7.3	135	270	0.09	1.69	0.04	16.6	6.0	6.6	22.2	1.7	98%	17	1.0	99%	10	0.03	643	3.1	4,500	0	0.01
AVG	1.302	7.4	182	357	0.39	4.97	0.18	18.1	7.7	6.9	23.8	3.1	98%	35	2.6	99%	29	0.06	679		13,050		0.27

LBS AVG

45.3

EXCESS THERMAL LOAD WEEKLY AVG. Mkcals/day	EFF TEMP @ WEEKLY AVG.
3	29.5
10	28.4
17	26.2
24	28.3

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