



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>Timothy Stone</u>		Service Address: <u>106 Clifton Ct.</u>
Daytime Phone: <u>541-430-9886</u>	Account Number: <u>30001377</u>	
REPAIR DATE	LEAK REPAIR RECEIPTS - PLEASE ATTACH	
Date Leak Repaired: <u>Approx 1 mth ago</u>	<input type="checkbox"/> Attached	
Brief Description of Leak Failure and Repair: <u>LEAK BETWEEN BACK FLOW + SERVICE CONNECTION</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>Tim Stone</u>		Date <u>2-16-24</u>

SECTION 2 - TO BE COMPLETED BY AUTHORITY BILLING DEPT

Date Form Received: <u>FEB 16 2024</u>	Meter Read Date to use for Water Leak Credit Evaluation: <u>2/10/23 - 2/10/24</u>	If Credit Granted, Utility Bill Anticipated to Show the Credit Amount:
Estimated leak period based on consumption history (attach service history): <u>11/15/23 - 1/15/24</u>		
Estimated normal billing during leak period: <u>86.10</u>	Leak month billing: <u>499.35</u>	
Past average normal billing in same billing cycle (or est avg billing if less than 1 yr of svc): <u>(86.10)</u>		
(NOTE: if estimating average consumption, attach calculation documentation)		
Estimated leak billing of the leak billing period divided by 2= <u>413.25 / 2 = 206.62</u>		
Leak gallons vs. normal usage gallons: _____		
Calculated water leak credit amount: _____		<u>206.62</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 Water Leak Credit Request

MAR 26 2024

BY: _____



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>Bill Louder</u>		Service Address: <u>186 Meadowbrook St. Roseburg, Ore. 97471</u>
Daytime Phone: <u>541-637-5695</u>	Account Number: <u>6085000</u>	

REPAIR DATE

LEAK REPAIR RECEIPTS - PLEASE ATTACH

Date Leak Repaired: <u>2-15-24 approx.</u>	<input type="checkbox"/> Attached
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Brief Description of Leak Failure and Repair:
Shower would not turn off Replaced all pipes

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 Jane Louder Date 3-26-24

SECTION 2 - TO BE COMPLETED BY AUTHORITY BILLING DEPT

Date Form Received:

3/26/24

Meter Read Date to use for Water Leak Credit Evaluation:

11/10/23 - 3/10/24

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

Estimated leak period based on consumption history (attach service history): 11/1/23 - 2/15/24

Estimated normal billing during leak period: 229.00 Leak month billing: 496.90

Past average normal billing in same billing cycle (or est avg billing if less than 1 yr of svc): (229.00)
(NOTE: if estimating average consumption, attach calculation documentation)

Estimated leak billing of the leak billing period divided by 2= 267.80/2 = 133.95

Leak gallons vs. normal usage gallons: 134,000 vs 40,000 gallons

Calculated water leak credit amount: 133.95

Reviewer's Initials:

DC

Approver's Initials:

- Credit Granted
- Credit Denied

If Leak Credit Granted:

Date Applied: _____ Initials: _____

MAR 28 2024



GREEN AREA WATER & SANITARY AUTHORITY

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: <i>Greg Holbrook</i>	Service Address: <i>2928 Old Hwy 99 S Roseburg 97471</i>	
Daytime Phone: <i>541-784-8601</i>	Account Number: <i>1586000</i>	
REPAIR DATE	LEAK REPAIR RECEIPTS - PLEASE ATTACH	
Date Leak Repaired: <i>2-20-24</i>	<input type="checkbox"/> Attached <i>Repaired w/ fittings on hand</i>	
Brief Description of Leak Failure and Repair: <i>PVC Fitting split</i>		
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: <i>[Signature]</i>	Date: <i>3-28-24</i>	

SECTION 2 - TO BE COMPLETED BY AUTHORITY BILLING DEPT

Date Form Received: <i>3/28/24</i>	Meter Read Date to use for Water Leak Credit Evaluation: <i>3/10/24</i>	If Credit Granted, Utility Bill Anticipated to Show the Credit Amount:
Estimated leak period based on consumption history (attach service history):	<i>2/11/24 - 2/20/24</i>	
Estimated normal billing during leak period: <i>25.85</i>	Leak month billing:	<i>82.85</i>
Past average normal billing in same billing cycle (or est avg billing if less than 1 yr of svc):	<i>(25.85)</i>	
<small>(NOTE: if estimating average consumption, attach calculation documentation)</small>		
Estimated leak billing of the leak billing period divided by 2=	<i>57.00/2 = 28.50</i>	
Leak gallons vs. normal usage gallons:	<i>21,000 vs. 1,000 gallons</i>	
Calculated water leak credit amount:	<i>28.50</i>	
Reviewer's Initials: <i>DC</i>	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

APR 1 2024

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:

Laura and Ryan DeHart

Service Address:

261 Happy Valley Rd

Roseburg, OR 97471

Daytime Phone:

541-580-5975

Account Number:

8486000

REPAIR DATE

LEAK REPAIR RECEIPTS - PLEASE ATTACH

Date Leak Repaired:

02/23/24

Attached

Brief Description of Leak Failure and Repair:

Yaeger's plumbing installed a water pressure regulator which broke.

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

Laura DeHart

Date 02/29/2024

SECTION 2 - TO BE COMPLETED BY AUTHORITY BILLING DEPT

Date Form Received:

4/1/24

Meter Read Date to use for Water Leak Credit Evaluation:

10/10/23 - 3/10/24

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

Estimated leak period based on consumption history (attach service history):

10/1/23 - 2/23/24

Estimated normal billing during leak period: 266.25 Leak month billing:

360.30

Past average normal billing in same billing cycle (or est avg billing if less than 1 yr of svc):

(266.24)

(NOTE: if estimating average consumption, attach calculation documentation)

Estimated leak billing of the leak billing period divided by 2=

94.05/2 = 47.02

Leak gallons vs. normal usage gallons:

78,000 vs. 45,000 gallons

Calculated water leak credit amount:

Reviewer's Initials:

DC

Approver's Initials:

Credit Granted

Credit Denied

If Leak Credit Granted:

Date Applied:

Initials:

RECEIVED

APR 1 2024

[← Back to Job \(/9f6a9e/self_service/jobs/31084\)](#)

BY: _____

[Download \(/9f6a9e/self_service/jobs/31084/invoice.pdf?token=81e0cdlgVSJWPFSLpiTw3L3qTPMGEPjKRym8J4XA7h4\)](#)

Paid

Receipt #31084 (/9f6a9e/self_service/jobs/31084)

Yaeger's Plumbing, Inc.

10/09/23

Balance due:

\$0.00

[View Details \(/9f6a9e/self_service/jobs/31084\)](#)

Pressure Regulator

Dehart, Laura

Phone: +1 541 580 5975

Email: loridehart2@gmail.com

Billing Address

261 Happy Valley Road
Roseburg, OR 97471 United States

Service Address

261 Happy Valley Road
Roseburg, OR 97471 United States

Subtotal:	\$746.00
Taxes:	\$0.00
Total:	\$746.00
Payment(s):	\$746.00
Balance:	\$0.00

Notes

Be advised paying with a credit card there will be a 3% charge on all transactions. If paying with Bank debit card there will not be a charge accrued. Thank you for your business!

Terms

Due upon receipt

GAWSA 5



Paid

Receipt #32753

Billing Address

Dehart, Laura
261 Happy Valley Road
Roseburg OR 97471 United States
loridehart2@gmail.com
+1 541 580 5975
+1 541 391 6620

Contact: Lori Dehart

Service Address

Dehart, Laura
261 Happy Valley Road
Roseburg OR 97471 United States
loridehart2@gmail.com
+1 541 580 5975
+1 541 391 6620

Contact: Lori Dehart

Send Payment To

Yaeger's Plumbing, Inc.
1022 NE Stephens St
Roseburg OR 97470
+15416728460
bobbijo@yaegerplumbing.com

Invoice Date	02/29/24
Sent On	02/29/24
Paid On	02/29/24
Total	\$0.00
Payments	\$0.00
Balance	\$0.00

Charges

Item	Description	Unit Cost	Tax	Quantity	Line Total
Plumbing Income	02.23.2024 Description: Re excavated with pressure regulator at meter. Removed 3/4"regulator union due to union having a cracked. Backfilled and checked work, all good at this time.	\$160.00	×	2.0	\$320.00
Plumbing Materials	1" Pex x 3/4" MIP adaptor	\$13.00	×	1.0	\$13.00
Plumbing Materials	1" Pex 90s	\$4.50	×	2.0	\$9.00
Plumbing Materials	1" PVC x CTS Sharkbite coupling	\$28.00	×	1.0	\$28.00
Plumbing Materials	1" Pex stainless steel crimp rings	\$1.50	×	5.0	\$7.50
Discount	Write off per Lyle	-\$377.50	✓	1.0	-\$377.50
				Subtotal	\$0.00
				Tax	\$0.00
				Total	\$0.00
				Total payments	\$0.00
				Balance remaining	\$0.00

Payments

Date	Type	Amount
No payments		

Notes

Be advised paying with a credit card there will be a 3% charge on all transactions.
If paying with Bank debit card there will not be a charge accrued.
Thank you for your business!

MINUTES OF THE GREEN AREA WATER & SANITARY AUTHORITY
BOARD OF DIRECTORS MEETING
March 14, 2024

Board Chair Tracey Parker called the regular Board meeting to order at 5:02pm.

BOARD DIRECTORS PRESENT:

Tracey Parker, Chair
Brenda Kingry, Treasurer
Steve Lusch

BOARD DIRECTORS ABSENT:

Carolyn White
Tom Fullbright

GAWSA STAFF PRESENT:

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

ALSO PRESENT:

Chris Sherlock, Wastewater Treatment Plant Superintendent (City of Winston)
Kat Stone, Customer

For the consent agenda, the Board reviewed submitted leak adjustment credit requests. Director Steve Lusch made a motion to approve the following water leak bill adjustments:

Mary Butler: \$1,188.45
Dennis Kreiss: \$206.62
Richard Borges: \$179.55
Ryan Darnielle: \$96.90
Ron Strubel: \$66.97

Director Brenda Kingry seconded the motion. The motion passed unanimously.

Director Kingry made a motion to approve the February minutes and accounts payable. Director Lusch seconded the motion. The motion passed unanimously.

David presented the General Manager's Report to the Board. David stated that the Board will need to appoint a Budget Officer for the 2024-2025 Budget Year. Board Chair Parker made a motion to appoint David as the Budget Officer. Director Kingry seconded the motion. The motion passed unanimously. David presented a Budget Committee Meeting date of May 23 and Budget Hearing date of June 20. The Board was not aware of any date conflicts.

David informed the Board that the current GAWSA-sponsored retirement plan is a SEP (simplified employee pension) IRA which the Authority contributes 12% of each employees' base wage to the plan. While under this specific plan, employees may make their own elective contributions to the plan, the SEP IRA is not the most advantageous plan available. David suggested that GAWSA establish a 457(b)-

MINUTES OF THE GREEN AREA WATER & SANITARY AUTHORITY
BOARD OF DIRECTORS MEETING

March 14, 2024

retirement plan, to which employees may choose to make elective deferrals. The 457(b) plan is similar to a 401(k) plan but offers additional benefits compared to 401(k) and is only available to government employees. The consensus of the Board was that this would be a great addition to the GAWSA benefits. David responded that he would present a resolution to authorize the establishment of a 457(b)-retirement plan.

David presented a 12-month extension to the Krohn Lane property lease. The GAWSA-owned property on Krohn Lane is currently leased to Happy Hills Tree Service for \$1,200 per year. Happy Hills has done a great job cleaning up the property and have been great stewards. Director Lusch made a motion to approve the lease extension for 12 months to Happy Hills Tree Service. Director Kingry seconded the motion. The motion passed unanimously.

Collections System Supervisor Shannon Miller presented the sanitary operations report. Shannon stated that Sanitary operator Matt Chasteen has been doing a great job and is an asset to the Authority. He added that manhole inspections, flushing, and CCTV for 'E' Basin will begin in March.

Shannon stated that step system maintenance is underway. The replacement of the new pump at G4 pumpstation will likely take place in July.

Operations Manager Alan Paulson delivered the water operations report. Alan informed the Board that the annual water valve turning program will begin soon.

Alan stated that he has received a quote from ODOT for the cost of raising valves, as part of the Hwy 42 project. The cost quoted was \$550 per valve raised by ODOT or its contractor. There are not many valves in the project area, most of them are located by Kelly's corner.

Wastewater Treatment Plant Superintendent Chris Sherlock presented his report. Staff are dealing with PCL issues at the plant. The quoted cost for PCL replacement is \$330,000, which will be included in next year's budget. One of the pumps had a VFD go out. TAG was able to get it back up and running. The sump pump in the dry well also went out.

For the good of the order, Kat Stone asked about the situation with Inspired Healthcare development and Valynn Curry. It was explained that Ms. Curry was seeking a reimbursement district to recover unpaid costs from the developer.

There being no further business before the Board, Director Kingry made a motion to adjourn the meeting. Director Lusch seconded the motion. The motion passed unanimously, and Chairperson Parker adjourned the meeting at 5:26pm.

Board Member

Tracey Parker, Board Chair

Green Area Water & Sanitary Authority
GAWSA Expense Detail
March 2024

Type	Date	Num	Name	Memo	Debit	Credit	Balance
506-1 · Health Ins Benefits- WA							
Check	03/19/2024	11402	SDIS	April health and supplemental ins premiums	4,462.87		4,462.87
Total 506-1 · Health Ins Benefits- WA					4,462.87	0.00	4,462.87
506-2 · Health Ins Benefits - SA							
Check	03/19/2024	11402	SDIS	April health and supplemental ins premiums	4,462.87		4,462.87
Total 506-2 · Health Ins Benefits - SA					4,462.87	0.00	4,462.87
512-1 · Legal Fees - WAdmin							
Check	03/15/2024	11396	NORTHWEST LOCAL GOVERNMEN...	Inv #13677 / consult on employee recognition awards policy, ethics	142.50		142.50
Check	03/15/2024	11396	NORTHWEST LOCAL GOVERNMEN...	Inv #13677 / consult and draft opinion on reimbursement district	655.50		798.00
Total 512-1 · Legal Fees - WAdmin					798.00	0.00	798.00
512-2 · Legal Fees - SAdmin							
Check	03/15/2024	11396	NORTHWEST LOCAL GOVERNMEN...	Inv #13677 / consult on employee recognition awards policy, ethics	142.50		142.50
Check	03/15/2024	11396	NORTHWEST LOCAL GOVERNMEN...	Inv #13677 / consult and draft opinion on reimbursement district	655.50		798.00
Total 512-2 · Legal Fees - SAdmin					798.00	0.00	798.00
515-1 · Office Supplies - WA							
Check	03/14/2024	11380	CANON SOLUTIONS AMERICA, INC.	Inv #6007142824 / Office copier maintenance 1/20 - 2/19	37.63		37.63
Check	03/18/2024	11398	PENS.COM	Inv #113597103 / Stick up calendars	29.66		67.29
Check	03/19/2024	11403	STAPLES CONTRACT	Inv #8073305392 / POS rolls, tab dividers, copy paper	58.41		125.70
Total 515-1 · Office Supplies - WA					125.70	0.00	125.70
515-2 · Office Supplies - SA							
Check	03/14/2024	11380	CANON SOLUTIONS AMERICA, INC.	Inv #6007142824 / Office copier maintenance 1/20 - 2/19	37.62		37.62
Check	03/18/2024	11398	PENS.COM	Inv #113597103 / Stick up calendars	29.66		67.28
Check	03/19/2024	11403	STAPLES CONTRACT	Inv #8073305392 / POS rolls, tab dividers, copy paper	58.42		125.70
Total 515-2 · Office Supplies - SA					125.70	0.00	125.70
516-1 · Communication & IT							
Check	03/19/2024	11404	SYSTECH CONSULTING, LLC	Inv #12911 / Managed service plan - February	577.50		577.50
Paycheck	03/29/2024	DD1892	Campos, David M	Direct Deposit	50.00		627.50
Total 516-1 · Communication & IT					627.50	0.00	627.50
516-2 · Communication & IT - S							
Check	03/19/2024	11404	SYSTECH CONSULTING, LLC	Inv #12911 / Managed service plan - February	577.50		577.50
Total 516-2 · Communication & IT - S					577.50	0.00	577.50
517-1 · Utilities- WA							
Check	03/14/2024	11377	AVISTA UTILITIES	Natural gas service water office 1/24 - 2/23	84.32		84.32
Check	03/18/2024	11397	PACIFIC POWER	Water office electricity 1/4 - 2/2	146.59		230.91
Total 517-1 · Utilities- WA					230.91	0.00	230.91
517-2 · Utilities- SA							
Check	03/14/2024	11377	AVISTA UTILITIES	Natural gas service sewer office 1/24 - 2/23	167.64		167.64
Check	03/18/2024	11397	PACIFIC POWER	Sewer office electricity 1/4 - 2/2	356.92		524.56
Total 517-2 · Utilities- SA					524.56	0.00	524.56

Green Area Water & Sanitary Authority
GAWSA Expense Detail
March 2024

Type	Date	Num	Name	Memo	Debit	Credit	Balance
518-1 · R & M Office - WA							
Check	03/14/2024	11382	DOUGLAS CO. FARMERS CO-OP	Inv #61911 / Toilet tank fill valve for office	19.99		19.99
Check	03/14/2024	11384	EXODUS PEST CONTROL	Inv #74846 / water office pest control	28.00		47.99
Check	03/14/2024	11389	OREGON LINEN	Inv #1064099 / Rug service water office	69.90		117.89
Total 518-1 · R & M Office - WA					117.89	0.00	117.89
518-2 · R & M Office - SA							
Check	03/14/2024	11395	STAPEL PEST SOLUTIONS	Inv #122072 / February pest control - sewer office	45.00		45.00
Total 518-2 · R & M Office - SA					45.00	0.00	45.00
520-2 · Liability/Auto Insurance - SA							
Check	03/18/2024	11401	SDIS	2024 Policy 39P58215-5830 / 2022 CCTV trailer	1,666.00		1,666.00
Total 520-2 · Liability/Auto Insurance - SA					1,666.00	0.00	1,666.00
522-1 · Travel & Training - WA							
Check	03/14/2024	11378	BASSETT-HYLAND ENERGY	Inv #CL23065 / admin vehicle fuel 2/1 - 2/15	34.31		34.31
Total 522-1 · Travel & Training - WA					34.31	0.00	34.31
522-2 · Travel & Training - SA							
Check	03/14/2024	11378	BASSETT-HYLAND ENERGY	Inv #CL23065 / admin vehicle fuel 2/1 - 2/15	34.31		34.31
Total 522-2 · Travel & Training - SA					34.31	0.00	34.31
523-1 · Dues & Subscriptions - WA							
Check	03/14/2024	11388	OAWU	Inv #37266 / Membership dues 2024-2025	1,400.00		1,400.00
Check	03/14/2024	11390	NEWS REVIEW	Acct # 2105010 / 12 mo. subscription renewal	101.55		1,501.55
Total 523-1 · Dues & Subscriptions - WA					1,501.55	0.00	1,501.55
523-2 · Dues & Subscriptions - SA							
Check	03/14/2024	11390	NEWS REVIEW	Acct # 2105010 / 12 mo. subscription renewal	101.55		101.55
Total 523-2 · Dues & Subscriptions - SA					101.55	0.00	101.55
526-2 · Rental Property Maintenance							
Check	03/18/2024	11397	PACIFIC POWER	Holgate rental electricity 1/5 - 2/5	74.86		74.86
Check	03/18/2024	11397	PACIFIC POWER	Harmony rental electricity 1/5 - 2/5	20.50		95.36
Total 526-2 · Rental Property Maintenance					95.36	0.00	95.36
531-1 · Statement Printing/Mailing - WA							
Check	03/15/2024	ACH	BMS TECHNOLOGIES	Inv #90004 / February billing statements printing and mailing	1,066.75		1,066.75
Total 531-1 · Statement Printing/Mailing - WA					1,066.75	0.00	1,066.75
531-2 · Statement Printing/Mailing - SA							
Check	03/15/2024	ACH	BMS TECHNOLOGIES	Inv #90004 / February billing statements printing and mailing	1,066.75		1,066.75
Total 531-2 · Statement Printing/Mailing - SA					1,066.75	0.00	1,066.75
532-1 · IVR System Costs - WA							
Check	03/14/2024	11386	IVR TECHNOLOGY GROUP	Inv #IV19827 / February IVR maintenance and tx fees	59.37		59.37
Total 532-1 · IVR System Costs - WA					59.37	0.00	59.37

Green Area Water & Sanitary Authority
GAWSA Expense Detail
March 2024

Type	Date	Num	Name	Memo	Debit	Credit	Balance
532-2 · IVR System Costs - SA							
Check	03/14/2024	11386	IVR TECHNOLOGY GROUP	Inv #IV19827 / February IVR maintenance and tx fees	59.37		59.37
Total 532-2 · IVR System Costs - SA					59.37	0.00	59.37
533-1 · Merchant Service Fees - WA							
Check	03/14/2024	11379	CONTINENTAL UTILITY SOLUTION...	Inv # R18953 / January merchant service fees	1,053.07		1,053.07
Check	03/14/2024	11379	CONTINENTAL UTILITY SOLUTION...	Inv # R19545 / January ACH and eCheck fees	8.30		1,061.37
Check	03/14/2024	11379	CONTINENTAL UTILITY SOLUTION...	Inv # R19368 / February merchant service fees	980.63		2,042.00
Check	03/14/2024	11379	CONTINENTAL UTILITY SOLUTION...	Inv # R19065 / February ACH and eCheck fees	4.60		2,046.60
Total 533-1 · Merchant Service Fees - WA					2,046.60	0.00	2,046.60
533-2 · Merchant Service Fees - SA							
Check	03/14/2024	11379	CONTINENTAL UTILITY SOLUTION...	Inv # R18953 / January merchant service fees	1,053.08		1,053.08
Check	03/14/2024	11379	CONTINENTAL UTILITY SOLUTION...	Inv # R19545 / January ACH and eCheck fees	8.30		1,061.38
Check	03/14/2024	11379	CONTINENTAL UTILITY SOLUTION...	Inv # R19368 / February merchant service fees	980.64		2,042.02
Check	03/14/2024	11379	CONTINENTAL UTILITY SOLUTION...	Inv # R19065 / February ACH and eCheck fees	4.60		2,046.62
Total 533-2 · Merchant Service Fees - SA					2,046.62	0.00	2,046.62
535-1 · Contract Services - Meter Reads							
Check	03/14/2024	11387	METERREADERS, LLC	Inv #11150 / February meter readings	2,536.00		2,536.00
Total 535-1 · Contract Services - Meter Reads					2,536.00	0.00	2,536.00
606-1 · Health Ins. Benefits - WO							
Check	03/19/2024	11402	SDIS	April health and supplemental ins premiums	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	03/19/2024	11402	SDIS	April health and supplemental ins premiums	6,092.04		6,092.04
Total 606-2 · Health Ins. Benefits - SO					6,092.04	0.00	6,092.04
610-1 · Vehicle/Equipment O & M - WO							
Check	03/14/2024	11376	NAPA AUTO PARTS	Inv #916876 / PO 18393 / oil and filters for 2014 Dodge E260522	55.72		55.72
Check	03/14/2024	11378	BASSETT-HYLAND ENERGY	Inv #CL23065 / trucks and equipment fuel 2/1 - 2/15	371.68		427.40
Check	03/14/2024	11378	BASSETT-HYLAND ENERGY	Inv #CL23444 / trucks and equipment fuel 2/16 - 2/29	75.61		503.01
Check	03/14/2024	11382	DOUGLAS CO. FARMERS CO-OP	Inv # 61801 / PO 18374 / Fuel/oil mix for hot saw	53.98		556.99
Total 610-1 · Vehicle/Equipment O & M - WO					556.99	0.00	556.99
610-2 · Vehicle/Equipment O & M - SO							
Check	03/14/2024	11376	NAPA AUTO PARTS	Inv #9916989 / PO 18394 / Rain-X and wiper fluid	35.47		35.47
Check	03/14/2024	11378	BASSETT-HYLAND ENERGY	Inv #CL23065 / trucks and equipment fuel 2/1 - 2/15	131.94		167.41
Check	03/14/2024	11378	BASSETT-HYLAND ENERGY	Inv #CL23444 / trucks and equipment fuel 2/16 - 2/29	76.16		243.57
Total 610-2 · Vehicle/Equipment O & M - SO					243.57	0.00	243.57
611-1 · Dues/Fees/Subscriptions- WO							
Check	03/14/2024	11383	DOUGLAS COUNTY PUBLIC WORKS	Inv # 02-24 / Nearmap Imagery update IGA No. 2024-0173	574.87		574.87
Check	03/14/2024	11391	ONE CALL CONCEPTS, INC.	Inv #4020709 / February locate tickets	49.00		623.87
Total 611-1 · Dues/Fees/Subscriptions- WO					623.87	0.00	623.87

Green Area Water & Sanitary Authority
GAWSA Expense Detail
March 2024

Type	Date	Num	Name	Memo	Debit	Credit	Balance
611-2 · Dues/Fees/Subscriptions- SO							
Check	03/14/2024	11383	DOUGLAS COUNTY PUBLIC WORKS	Inv # 02-24 / Nearmap Imagery update IGA No. 2024-0173	574.88		574.88
Check	03/14/2024	11391	ONE CALL CONCEPTS, INC.	Inv #4020709 / February locate tickets	49.00		623.88
Check	03/19/2024	11409	DEPT. OF ENVIRONMENTAL QUALI...	Name Change Form	139.00		762.88
Total 611-2 · Dues/Fees/Subscriptions- SO					762.88	0.00	762.88
612-1 · Communication & IT - Ops							
Check	03/18/2024	11399	VERIZON WIRELESS	Inv #9954643229 / tablet line	51.27		51.27
Check	03/18/2024	11399	VERIZON WIRELESS	Inv #99544643229 / iPad for second field line	408.74		460.01
Paycheck	03/29/2024	DD1893	Carlson, Trev W	Direct Deposit	50.00		510.01
Paycheck	03/29/2024	DD1896	Hope, Will T	Direct Deposit	50.00		560.01
Paycheck	03/29/2024	DD1897	Manson, Joshua T.	Direct Deposit	50.00		610.01
Paycheck	03/29/2024	DD1899	Paulson, Alan D.	Direct Deposit	50.00		660.01
Paycheck	03/29/2024	DD1900	Radford, Daniel L.	Direct Deposit	50.00		710.01
Paycheck	03/29/2024	DD1902	Wolford, Jeremy J.	Direct Deposit	50.00		760.01
Total 612-1 · Communication & IT - Ops					760.01	0.00	760.01
612-2 · Communication & IT - SO							
Check	03/18/2024	11399	VERIZON WIRELESS	Inv #9954643229 / second tablet line	31.29		31.29
Check	03/18/2024	11399	VERIZON WIRELESS	Inv #99544643229 / iPad for second field line	408.74		440.03
Paycheck	03/29/2024	DD1894	Chasteen, Matthew S.	Direct Deposit	50.00		490.03
Paycheck	03/29/2024	DD1898	Miller, Shannon L.	Direct Deposit	50.00		540.03
Total 612-2 · Communication & IT - SO					540.03	0.00	540.03
615-1 · Misc Expense - WO							
Check	03/19/2024	11403	STAPLES CONTRACT	Inv #8073305392 / copy paper for WTP	44.49		44.49
Total 615-1 · Misc Expense - WO					44.49	0.00	44.49
620-1 · R & M Water Distribution							
Check	03/14/2024	11382	DOUGLAS CO. FARMERS CO-OP	Inv # 61861 / PO 18382 / Moss removal for GAWSA buildings	20.99		20.99
Check	03/14/2024	11382	DOUGLAS CO. FARMERS CO-OP	Inv # 61945 / PO 18387 / Leak sentry valve kit	16.49		37.48
Total 620-1 · R & M Water Distribution					37.48	0.00	37.48
621-1 · R & M - Dist Shop							
Check	03/19/2024	11407	WINSTON SANITARY SERVICE	Inv #306992 / 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	03/14/2024	11393	POLLARDWATER	Inv #0256284 / PO 18397 / HD pulling cable/service line tool	348.35		348.35
Check	03/19/2024	11403	STAPLES CONTRACT	Inv #8073305392 / Sharpie markers	35.37		383.72
Total 622-1 · Tools & Supplies - Distribution					383.72	0.00	383.72
624-1 · Utilities - Water Dist WO							
Check	03/14/2024	11377	AVISTA UTILITIES	Natural gas service Highland PS 1/24 - 2/23	23.30		23.30
Check	03/14/2024	11377	AVISTA UTILITIES	Natural gas service Carnes shop 1/24 - 2/23	272.73		296.03
Check	03/18/2024	11397	PACIFIC POWER	Tipton PS/Roseburg intertie electricity 1/16 - 2/14	84.42		380.45
Check	03/18/2024	11397	PACIFIC POWER	Carnes shop electricity 1/4 - 2/2	380.63		761.08
Check	03/18/2024	11397	PACIFIC POWER	Highland Vista PS electricity 1/4 - 2/2	355.17		1,116.25
Check	03/18/2024	11397	PACIFIC POWER	Glengary PS electricity 1/5 - 2/5	42.72		1,158.97
Total 624-1 · Utilities - Water Dist WO					1,158.97	0.00	1,158.97

Green Area Water & Sanitary Authority
GAWSA Expense Detail
March 2024

Type	Date	Num	Name	Memo	Debit	Credit	Balance
626-1 · Water Samples - WO							
Check	03/19/2024	11406	UMPQUA RESEARCH	Inv #M073665 / 8 coliform tests	212.00		212.00
Check	03/19/2024	11406	UMPQUA RESEARCH	Inv #M073728 / 2 TOC, 1 Alkalinity test	154.60		366.60
Total 626-1 · Water Samples - WO					366.60	0.00	366.60
628-1 · Inventory Adjustment W							
Check	03/14/2024	11385	FERGUSON WATERWORKS #3011	Inv #1249819 / PO 18399 / 2" angle meter stops	889.98		889.98
Check	03/14/2024	11385	FERGUSON WATERWORKS #3011	Inv #1249821 / PO 18400 / 2" IP couplings	251.12		1,141.10
Check	03/14/2024	11394	ROCK-IT MAN TRUCKING	Inv #659192 / PO 18391 / Rock haul for inventory 3.0 hrs	360.00		1,501.10
Check	03/19/2024	11405	UMPQUA QUARRIES, LLC	Inv #70612 / PO 18390 / crushed rock inventory	633.80		2,134.90
Total 628-1 · Inventory Adjustment W					2,134.90	0.00	2,134.90
647-2 · G4 Pumpstation - SO							
Check	03/18/2024	11397	PACIFIC POWER	G4 PS electricity 1/4 - 2/2	3,190.81		3,190.81
Check	03/19/2024	11408	XYLEM WATER SOLUTIONS USA, I...	Inv. #3556D12834 / PO 18396 / Pump stand	1,383.30		4,574.11
Total 647-2 · G4 Pumpstation - SO					4,574.11	0.00	4,574.11
648-2 · O&M Pumpstations - SO							
Check	03/18/2024	11397	PACIFIC POWER	Oak Creek PS electricity 1/4 - 2/2	103.79		103.79
Check	03/18/2024	11397	PACIFIC POWER	Briarwood PS electricity 1/4 - 2/4	44.20		147.99
Total 648-2 · O&M Pumpstations - SO					147.99	0.00	147.99
700-1 · WTP R & M							
Check	03/14/2024	11392	OREGON TOOL & SUPPLY	Inv # 857605 / PO 18388 / parts for compressor #1 repair	22.40		22.40
Check	03/19/2024	11408	XYLEM WATER SOLUTIONS USA, I...	Inv #3556D12551 / PO 18398 / Raw water pump repair	5,538.30		5,560.70
Total 700-1 · WTP R & M					5,560.70	0.00	5,560.70
701-1 · WTP Tools & Supplies							
Check	03/14/2024	11380	CANON SOLUTIONS AMERICA, INC.	Inv #6007142824 / Water Plant copier maintenance 1/20 - 2/19	7.53		7.53
Total 701-1 · WTP Tools & Supplies					7.53	0.00	7.53
702-1 · WTP Utilities							
Check	03/18/2024	11397	PACIFIC POWER	WTP electricity 1/4 - 2/2	9,832.91		9,832.91
Total 702-1 · WTP Utilities					9,832.91	0.00	9,832.91
712-2 · O&M Regional WWTP							
Check	03/14/2024	11381	CITY OF WINSTON	WWTP Personal services - December 2023	23,591.44		23,591.44
Check	03/14/2024	11381	CITY OF WINSTON	WWTP Personal services - January 2024	24,308.97		47,900.41
Total 712-2 · O&M Regional WWTP					47,900.41	0.00	47,900.41
TOTAL					119,314.14	0.00	119,314.14

GREEN AREA WATER & SANITARY AUTHORITY
GENERAL MANAGER'S REPORT
April 11, 2024

Employee Optional Retirement Plan 457(B)

I am still researching the requirements resolution authorizing the establishment of a 457(b)-retirement plan for employee elective deferrals. I also have a message to Keith Young, advisor at Edward Jones, who has been out of the office for the greater part of the last month.

Health Insurance Renewal

On 4/11 I will be meeting with Umpqua Insurance, the GAWSA agent of record, to discuss the upcoming health insurance/benefits renewal. I would like to discuss potential options with the health insurance renewal for the Boards consideration.

Office Update

We have added a mailing list icon to the GAWSA website. We will utilize the mailing list to send emergency alerts, GAWSA newsletter (near future), and other important communications.

Currently, billing for bulk water is manually calculated and invoiced as it is not a main function of UMS, our utility management software, but office staff is working with CUSI to set up bulk water billing in the program to automate the process.

We discovered that one Standby/Fire Line customer was overcharged for their Fire Line service for well over 20 years. We were billing the customer for an 8" Fire Line when the customer has a 6" Fire Line. The difference is \$300 per year. We will give the commercial customer the option of a refund or a credit against future billings.

Green Area Water & Sanitary Authority
Customer Payment History - Summary

Sort Order : Payment Source
 From: 3/1/2024 Through: 3/31/2024

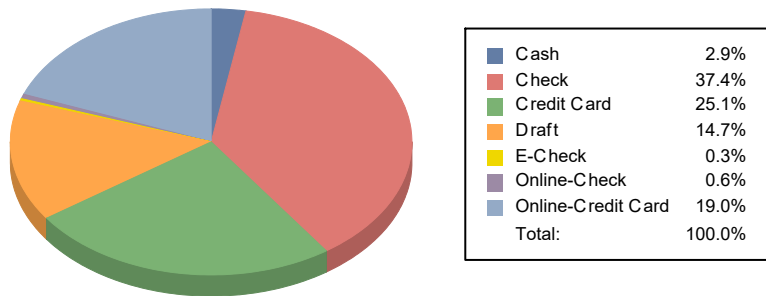
Payment Method	Quantity	Payment Amount
Cash	90	\$8,833.01
Check	1,170	\$114,889.53
Credit Card	787	\$62,350.78
Draft	459	\$41,329.50
E-Check	10	\$905.95
Online-Check	19	\$1,517.60
Online-Credit Card	596	\$46,973.69

Summary totals do not include reversed/transferred payments.

Service	Trans. Amount
Miscellaneous	\$(10,740.24)
Second Level Charge	\$(840.00)
Service Charge	\$(80,633.72)
Sewer	\$(128,748.51)
Water	\$(55,837.59)
Totals	\$(276,800.06)

Payment Method	Quantity	Payment Amount
Payment Source		
Amount		
Autopay		
Credit Card		\$(39,674.95)
Draft		\$(41,329.50)
		\$(81,004.45)
Customer Portal		
Online-Check		\$(1,517.60)
Online-Credit Card		\$(46,973.69)
		\$(48,491.29)
IVR		
Credit Card		\$(2,675.15)
E-Check		\$(216.95)
		\$(2,892.10)
Lockbox		
Check		\$(96,547.55)
		\$(96,547.55)
Manual		
Cash		\$(8,833.01)
Check		\$(18,341.98)
Credit Card		\$(20,000.68)
E-Check		\$(689.00)
		\$(47,864.67)
Totals		\$(276,800.06)

Payment Breakdown



Green Area Water & Sanitary Authority Transaction List - Summary

Sort order: Customer No.

From: 3/1/2024 Through: 3/31/2024

Limited to :

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

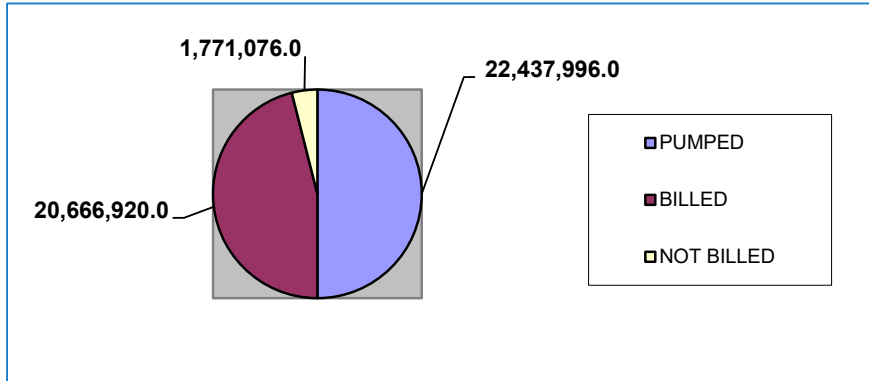
Deposits Transaction Types:

Transaction Type	Applies To	Transaction Amount
Collection Write-Off	Water Charge	(\$47.85)
	Water Delinquency	(\$10.00)
	Service Charge Charge	(\$113.47)
	Sewer Charge	(\$225.47)
		(\$396.79)
Delinquency	Water Penalty	\$2,370.00
	Service Charge Interest	\$340.00
	Service Charge Penalty	\$105.00
	Service Charge Shutoff	\$25.00
	Sewer Penalty	\$150.00
		\$2,990.00
Misc Chrg.	Miscellaneous (BF)	\$375.00
	Miscellaneous (DHF)	\$80.00
	Service Charge (AF)	\$350.00
		\$805.00
Grand Total:		\$3,398.21

Gallons Consumed vs. Billed MARCH 2024

GALLONS PUMPED	GALLONS BILLED
22,437,996	20,666,920

PUMPED BUT NOT BILLED	WATER LOSS PERCENTAGE
1,771,076	7.89%



30 DAYS IN BILLING CYCLE: 2/11/2024 TO 3/10/24

Repairs, leaks, etc. rendering unverifiable consumption

2/20/24 REPLACE SERVICE LINES MAYWOOD CT

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	6,314,266	19.22%
NOVEMBER	5,345,660	19.63%	NOVEMBER	3,277,798	11.61%	NOVEMBER	3,754,791	14.00%
DECEMBER	5,288,999	21.24%	DECEMBER	4,326,723	16.82%	DECEMBER	3,705,892	16.51%
JANUARY	4,577,755	19.15%	JANUARY	6,252,823	24.38%	JANUARY	5,977,210	21.07%
FEBRUARY	6,488,224	25.31%	FEBRUARY	6,565,010	25.03%	FEBRUARY	2,925,286	13.95%
MARCH	5,547,050	25.09%	MARCH	4,405,826	17.32%	MARCH	1,771,076	7.89%
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 LOSS:	6,565,546	20.24%	AVERAGE LOSS:	5,700,934	17.25%	AVERAGE LOSS:	3,994,076	12.78%

SANITARY OPERATIONS REPORT

April 11, 2024

Construction Projects

- Winery Lane Inspired Healthcare Capital.
 - Sewer is currently under construction.
- Shawn Bateson Development, MIDEA Engineering.
 - Still planning on this Summer, nothing new to report.
- Tatone Harmony Duplexes, line extension, ie Engineering, Umpqua Excavation.
 - Construction to start back up this spring, nothing new to report.
- Doris to Happy Valley Commercial Property Extension.
 - Design complete. LUCS acquired.
 - Sanitary standards and specs update underway.

Collection System

- Sanitary Master Plan Update.
 - Met with Alan, David, and SHN (Brian) to review the 2006 Master Plan update.
 - Went over list of complete improvement projects and discussed new projects.
 - SHN given access to the GIS. GIS .shp files created as redundant protection.
- Manhole inspections project 'E' Basin, underway.
- TV annual project.
 - 'E' Basin, flushing and CCTV, underway.
 - Updating GIS and AutoCAD with lateral location changes 'J' Basin, complete.
- ODOT updated the conflict letter for Sanitary on Hwy 42/99.
 - 6 manhole adjustments will need to be included in the project.

G4 and Pump Stations

- Residential step system annual maintenance, complete.
- GAWSA Pump Stations ran well, with typical operation and maintenance.
- Working with contractors to bid placement of new pump at G4, pump ordered, delivery expected in April; pump intake parts received, late July to start project.
- Automatic Transfer Switch for the Generator at G4 is intermittently having problems.
 - During weekly testing, sometimes, it simply choses not to transfer.
- I am requesting prices for electronics(relays, boards) to be replaced.

Lateral Inspections & GIS

- 8 Inspections.
 - 4336 Stella, I&I full replacement to street.
 - 2018 Green Ave., TV & GIS update..
 - 4301,4302,4644 Melody Ln., TV & GIS update.
 - 2271 La Canada, TV & GIS update.
 - 4138 Hermosa, TV & GIS update.
 - 2230 Cannon, Doublewide Classroom, TV & 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

April 2024

MIOX Update- The repaired cell and power units have been re-installed by William H. Reilly & Company. We are continuing have problems with the power supplies. The installer and Denora are working on a solution.

We are still waiting on a timeline from Voss Construction on a start date for installing the larger door in our Carnes Rd. facility.

We are in the process of getting quotes for the cleaning and inspection of our water tanks. We have received one quote for Liquivision Technology.

The crew is currently working on our valve turning program. When the distribution valves have been turned, we will turn the hydrant valves.

Fire District # 2 have scheduled to begin flushing hydrants in our area, the beginning of May. We will work with them, at that time to flush our dead end lines.

I would like to discuss a fire line issue that affects a couple of commercial properties on Industrial Drive.

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 - March

March 1

- Cole Industrial Onsite to look at boiler # 2
 - Problem traced to faulty Fire eye control module \$\$\$
- Plant put in Wet Weather Mode 2-29-24
- Annual Oil Changes Performed on the following
 - Bobcat S630
 - Dump Truck
 - Bobcat S850
- Dump Run
- Clean Wash Water Pump # 1
- Ordered Polymer for Gravity Belt Thickener
- Repaired Cl2 pump # 1

March 8

- Cole Industrial Onsite to look at boiler # 1 & 2
 - Replacing Fire Eye Control Board on Boiler # 2
 - Diagnosing Boiler # 1 not switching to Natural Gas
- Pulled a 5 gallon bucket out of Influent Pump # 3
 - An Actual 5 gallon Bucket, Not a 5 gallons buckets worth of rags
- Cummins onsite performing annual maintenance on genset # 2
- Cummins also performing load bank testing on Genset # 1 & 2
 - Load Testing Performed went well
- Plant is still running in a wet weather mode
- Installed hydraulic cooler on the poo truck
- Performed Annual Maintenance on Poo Truck

March 15

- Electrician onsite looking into Influent Pump # 1 VFD Fault
- Finished Poo Truck hydraulic cooler install
- Mow
- Preventative Maintenance
- Acid washed Microchlor chlorine system
- Thickened Facc Tank # 2
 - This is not a normal process for us, however we are needing more storage room for solids this year

March 22

- Electrician onsite looking into Influent Pump # 2 VFD replacement
- Installed new motor on Boiler # 2 blower
- RBC's shut off for the year
- Continuing to thicken sludge storage tanks to make room for additional sludge storage until biosolids season is here
- Rebuilt Check valve on Influent pump # 1
- Discovered a rotten valve in influent building. Staff is looking at options for replacement or removal
- Changed battery's on genset # 1
- Fixed the stilling well in the wet well for City of Winston flow meter
 - This is the flow meter that broke apart during the high flows and ended up in one of our pumps

Winston- Green WWTF Monthly Numbers

March 2024

General

1.) Plant Influent Flow (MG)	<u>2024</u>		<u>2023</u>	
<i>Winston</i>	49.48	58%	47.20	56%
<i>Green</i>	36.02	42%	36.57	44%
<i>Rainfall</i>	5.43		4.49	
<i>Chlorine (Gallons)</i>	24,510		26,942	
2.) Leachate Total : 2,018,500 Gallons				

Bio-Solids

- 1.) Storing solids

FLOW ALLOCATION CHART

MONTH	WINSTON MG	GREEN MG	LANDERS LN. MG	TOTAL MG	RAINFALL
Jan.24	56.74	45.76	0.945	103.45	8.75
Feb.24	48.39	33.30	0.789	82.48	5.43
Mar.24	49.48	36.02	0.795	86.29	5.43
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.23	18.82	21.71	0.571	41.10	1.75
Nov-23	25.07	22.57	0.562	48.20	4.10
Dec.23	34.79	30.58	0.850	66.21	4.70
TOTAL	364.24	319.53	7.197	690.97	37.29
GREEN + LANDERS		326.73			
APPORTIONMENT	52.71%	47.29%			
			100%		

Winston-Green WWTF

March 2024

SYSTEM CLASSIFICATION: IV PERMIT # 100554
 COUNTY: DOUGLAS

FILE # 98400

POPULATION: 10000

TYPE: RBC / ACTIVATED SLUDGE

D A T E	TOTAL FLOW MGD	INF PH	INF BOD mg/l	INF SS mg/l	NH3 N EFF	EFF PH	EFF TEMP MAX	EFF BOD mg/l	% REM BOD	LBS BOD DIS	EFF SS mg/l	% REM SS	LBS DIS SS	CL2 RES mg/l	CL2 USED GAL.	CL2 USED LBS	ECOLI COL	BIOSOLIDS		RAIN FALL inches
																		LAND gallons	DRYING BEDS gallons	
1	8.605	7.1				7.2	12.4							0.07	989	66.0				1.46
2	6.600	7.3				7.3	12.2							0.05	989	66.0				0.19
3	5.024	7.2				7.3	12.3							0.09	989	66.0				0.31
4	6.278	7.2	76	65	4.12	7.1	12.2	9.3	88%	487	12.0	82%	628	0.08	989	66.0	218.7			1.07
5	7.331	7.2				6.9	11.5							0.08	1644	109.7				0.85
6	5.086	7.2				7.3	11.7							0.09	1452	96.9				
7	4.142	7.3				7.2	12.2							0.09	1106	73.8	12.1			0.01
8	3.464	7.1	218	193	5.36	7.0	12.5	7.8	96%	225	8.6	96%	248	0.08	872	58.2				
9	2.955	7.5				7.3	12.8							0.03	749	50.0				0.05
10	3.515	7.2				7.2	12.8							0.02	787	52.5				0.48
11	3.120	7.1	280	223	5.51	7.0	12.8	10.3	96%	268	13.2	94%	343	0.02	783	52.2	32.3			0.13
12	3.194	7.3				7.2	13.0							0.04	789	52.6	57.1			0.16
13	2.810	7.2	252	195	3.62	7.0	13.3	8.4	97%	197	7.4	96%	173	0.04	762	50.8				0.01
14	2.635	7.3				7.1	13.3							0.03	752	50.2				
15	2.525	7.1	344	238		7.1	13.8	16.6	95%	350	5.6	98%	118	0.04	745	49.7				0.01
16	2.266	7.2				7.3	13.9							0.03	727	48.5				0.01
17	2.176	7.3				7.3	14.1							0.02	722	48.2	<1			
18	2.030	7.3	403	292	4.47	7.1	14.5	9.6	98%	163	7.6	97%	129	0.03	711	47.4	1.0			
19	1.946	7.3				7.3	14.6							0.02	648	43.2				
20	1.891	7.2	409	316	9.23	7.1	14.5	7.8	98%	123	6.0	98%	95	0.03	612	40.8				
21	1.811	7.3				7.4	15.0							0.03	607	40.5				
22	1.853	7.4	534	414		7.2	14.7	12.0	98%	185	8.0	98%	124	0.03	610	40.7				0.07
23	1.795	7.4				7.6	14.3							0.02	606	40.4				0.03
24	1.762	7.3				7.6	14.5							0.02	603	40.2	3.1			0.03
25	1.726	7.3	496	343	17.50	7.5	14.8	20.1	96%	289	5.4	98%	78	0.05	601	40.1	<1			0.05
26	1.632	7.2				7.4	15.0							0.02	594	39.6				0.01
27	2.088	7.4	414	311	25.30	7.3	15.1	12.5	97%	218	7.8	97%	136	0.03	626	41.8				0.47
28	1.979	7.4				7.5	14.7							0.05	618	41.2				0.03
29	1.960	7.4	305	224		7.2	14.8	12.1	96%	198	5.4	98%	88	0.03	617	41.2				
30	1.813	7.4				7.7	15.2							0.04	607	40.5				
31	1.770	7.4				7.6	15.1							0.05	604	40.3	<1			
TOT	97.782									2,703			2,160		24,510	1635.31				5.43
MAX	8.605	7.5	534	414	25.30	7.7	15.2	20.1	98%	487	13	98%	628	0.09	1644	109.69	248.9			1.46
MIN	1.632	7.1	76	65	3.62	6.9	11.5	7.8	88%	123	5	82%	78	0.02	594	39.63	<1			0.00
AVG	3.154	7.3	339	256	9.39	7.3	13.7	11.5	96%	246	8	96%	196	0.04	791	52.75	6			0.270

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