



# GREEN AREA WATER & SANITARY AUTHORITY

I RECEIVED  
DEC 15 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>Ashley Phelps</u>	Service Address: <u>170 meadow St Roseburg OR 97471</u>	
Daytime Phone: <u>541-784-6017</u>	Account Number: <u>30000014</u>	
REPAIR DATE	LEAK REPAIR RECEIPTS - PLEASE ATTACH	
Date Leak Repaired: <u>Oct 23</u>	<input type="checkbox"/> Attached <u>Neighbor Repaired</u>	
Brief Description of Leak Failure and Repair: <u>Leak was located by water meter</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>Dec 15 2023</u>	

### SECTION 2 - TO BE COMPLETED BY AUTHORITY BILLING DEPT

Date Form Received: <u>12/15/23</u>	Meter Read Date to use for Water Leak Credit Evaluation: <u>12/2022 - 10/2023</u>	If Credit Granted, Utility Bill Anticipated to Show the Credit Amount:
Estimated leak period based on consumption history (attach service history):	<u>11/1/2022 - 10/1/2023</u>	
Estimated normal billing during leak period: <u>546.75</u>	Leak month billing:	<u>956.95</u>
Past average normal billing in same billing cycle (or est avg billing if less than 1 yr of svc):	<u>(546.75)</u>	
<small>(NOTE: if estimating average consumption, attach calculation documentation)</small>		
Estimated leak billing of the leak billing period divided by 2=	<u>410.20 / 2 = 205.10</u>	
Leak gallons vs. normal usage gallons:	<u>246,000 vs 95,000 gallons</u>	
Calculated water leak credit amount:	<u>TBD</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 Customer Notes Report

Sort Order: Customer No.  
From: 1/18/2022 Through: 1/10/2024

Limited to : Account No 30000014 Location No 1527

Customer No. Date Created	Location No. User Name	Customer Name Category	Location Address Grace Date	Prints On	Expires
30000014 1/18/2022	1527 Beth Dewsnup	ASHELEY PHELPS General	170, MEADOWBROOK STREET		
REREAD 5446 CREEPER LDH-DR					
1/28/2022	David Campos	Email			
Email sent to Customer: PHELPS ASHLEY R Email Address: SKINNERA107@GMAIL.COM Subject: Billing Update					
2/16/2022	Stacey Werner	General			
STILL CREEPING. TALKED TO HIM ABOUT IT. READING: 5609 -DR					
3/24/2022	Stacey Werner	General			
DO NOT SHUT OFF WATER DUE TO SEWER NOT BEING PAID.					
PER ASHLEY PHELPS, SHE IS THE TENANT, SHE PAYS FOR THE WATER. AARON ANDERSON IS THE PROPERTY OWNER, HE PAYS SEWER.					
AARON IS IN PRISON. HE RECEIVED A NOTICE SAYING THAT THE WATER WAS GOING TO BE SHUT OFF. ASHLEY CALLED BECAUSE SHE WAS AFRAID HER WATER WAS GOING TO BE SHUT OFF. TOLD HER THAT WE WONT SHUT IT OFF.					
7/28/2022	Cathy Sjogren	General			
PER ASHLEY AGREED TO PAY SEWER BEGINNING AUG 1ST; SHE HAS TAKEN AARON TO COURT AND HAS BEEN AWARDED THE HOME; WILL BRING IN DOCUMENTATION SOON. THE PROPERTY IS TO CHANGE IN DECEMBER 2022.					
12/20/2022	Cathy Sjogren	General			
REREAD - LEAK - 6515 - CREEPER - LDH - DR					
4/28/2023	Cathy Sjogren	General			
UCAN PLEDGED TO PAY \$500 TOWARD ASHELEY'S ACCOUNT. UCAN PAID \$500					
6/21/2023	Cathy Sjogren	General			
REREAD 7852 - LEAK IN BOX - CUSTOMER LEAK - THEY HAVE BEEN NOTIFIED - DR					
7/24/2023	Cathy Sjogren	General			
7/24/23 REREAD WATER - 8132 - JM					
8/21/2023	Cathy Sjogren	General			
REREAD 8/21/23 UNREADABLE 8304 - JM					

Customer No. Date Created	Location No. User Name	Customer Name Category	Location Address Grace Date	Prints On	Expires
9/21/2023	Cathy Sjogren	General	9/21/23 REREAD UNREADABLE 8483 - DR/TC		
9/21/2023	Cathy Sjogren	General	REREAD - LEAKING - 8483 - DR/TC		
11/22/2023	Stacey Werner	General	REREAD-UNREADABLEWATER READING: 8747-TCWH		

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

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  
Carolyn White

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 Steve Lusch made a motion to approve the following leak adjustments:

Robert Botkin: \$171.00  
F & C Market Inc.: \$133.95  
Tamara Mansanti: \$153.90

Director Brenda Kingry seconded the motion. The motion passed unanimously. The approved credits represent the Authority splitting the difference of the leak with the customer.

Director Carolyn White made a motion to approve the November minutes and accounts payable, with a correction to the minutes deleting the statement that Chris Sherlock as present at the meeting. Director Kingry seconded the motion. The motion passed unanimously.

David Campos presented the General Manager's report. David reviewed the Authority's property and casualty insurance policy renewal, which indicated a premium increase of 8.5%. The premium increase included the addition of two new service trucks, so the net real increase is 7%. David stated that the premium quoted does account for the 10% SDAO Best Practices credit earned by the Authority.

David informed the Board that representatives from Core & Main will be presenting a Neptune Advanced Metering Infrastructure (system) quoted for the Authority. An AMI system is similar to smart meters. The presentation will be a good opportunity to learn more about metering alternatives. Staff continues to work through delays and misreads with Metereaders service.

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

David informed the Board that an office staff position had recently opened, so a job opening has been posted on the GAWSA website. The Office Assistant II position serves as the primary utility billing clerk.

David provided an update on the GAWSA office remodel. David met with engineer Tom Rogers at the sanitary office to do a walkthrough.

David presented a 12-month lease renewal for the Authority's pastureland on Holgate St. The property is currently leased to Cody Sandberg. David noted that Mr. Sandberg has been a good steward of the property, and he sees no reason to not renew the lease. Director Kingry made a motion to renew the 12-month pastureland lease to Cody Sandberg. Director White seconded the motion. The motion passed unanimously.

David provided a follow-up to the conversation the Board had with Matthew Calvert and his SDC lien. David stated that he spoke with both Tony Page of the Douglas Co. Land Department and Commissioner Tom Kress. David provided clarification on the background of the Speedway Tank SDC and Mr. Calvert unique situation to both Mr. Page and Commissioner Kress. David will provide additional updates if there is any action by the County.

David stated that the Authority recently purchased two new 2023 Ford F150 service trucks for water operations, upon Board approval. Approval was obtained via email or phone poll. The Authority originally planned to purchase two built-to-order trucks through the National Auto Fleet Group, however Ford discontinued manufacturing of the 2023 models and the 2024 models were higher in price. David opted to purchase Decked bed storage systems for the new trucks, which will benefit tool storage and access in the field.

David then stated that he would like to look into making improvements at the Carnes Distribution Shop, which may include adding insulation/weatherization to help reduce the heating bill, which costs approximately \$3,500 over the cold weather months. The improvements would be in addition to the budgeted rollup door replacement and lighting upgrades. Multiple Board members asked whether parts of the shop could be sectioned off as a solution. Operations Manager Alan Paulson said he can discuss options with the crew and David.

David stated that traditionally the Board has approved a holiday cash gift to GAWSA employees. David asked the Board to consider approving a cash gift for employees. Director Lusch made a motion to approve a \$150 cash gift for each employee. Director White seconded the motion. The motion passed unanimously.

Collections System Supervisor Shannon Miller presented the sanitary operations report. A new subdivision off Brittney Ave. is planned, and plans have been approved by DEQ.

Shannon informed the Board that the memory care facility on the hill has been invoiced for system development charges.

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

December 14, 2023

Shannon informed the Board of a recent SSO, where a backpack was dropped down a manhole and plugged the sewer, causing an overflow which reached a storm drain. Because of the potential creek contamination, a press release was issued.

Operations Manager Alan Paulson delivered the water operations report. A customer fire line test failed on Industrial Drive.

Alan informed the Board that he has been in communication with SHN Consulting Engineers regarding our master plan update. SHN has recently hired new engineers, so they would like to meet with us after the beginning of the new year.

Alan informed the Board of a customer's recent lot line adjustment in connection with a property sale. The original lots were subject to the Speedway Tank SDC. The SDC on the smaller of the two lots was paid through a prior property sale. However, now, the lots have been adjusted and each lot now has a portion of the SDC considered paid and a portion outstanding. The other issue is the new lots have water meters associated with them, which will make it difficult to enforce payment of the outstanding SDC. Updates will be provided when available.

Wastewater Treatment Facility Superintendent Chris Sherlock presented his report. Chris stated that a sediment tank and gas filter on the digester that is offline. Chris noted that the operations and maintenance budget was increased to cover these costs.

Chris informed the Board that he spoke with the County about leaving the leachate treatment agreement as-is for the upcoming 1-year extension. The landfill's treatment system should be online in the next year which brings several unknowns, and we will revisit the agreement at that time. Director Lusch expressed his concerns about receiving proper leachate testing reports from the County. A brief discussion followed. Director Lusch made a motion to approve the leachate treatment agreement extension with Douglas County. Director Kingry seconded the motion. The motion passed unanimously.

There being no further business for the good of the order, Chairperson Parker adjourned the meeting at 6:36pm.

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Board Member

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Tracey Parker, Board Chair

**Green Area Water & Sanitary Authority**  
**GAWSA Expense Detail**  
December 2023

Type	Date	Num	Name	Memo	Debit	Credit	Balance
<b>507-1 · Retirement Contribution - WA</b>							
Check	12/28/2023	11292	EDWARD JONES CO.	Oct - Dec SEP IRA contributions	4,127.10		4,127.10
Total 507-1 · Retirement Contribution - WA					4,127.10	0.00	4,127.10
<b>507-2 · Retirement Contribution - SA</b>							
Check	12/28/2023	11292	EDWARD JONES CO.	Oct - Dec SEP IRA contributions	4,127.10		4,127.10
Total 507-2 · Retirement Contribution - SA					4,127.10	0.00	4,127.10
<b>512-1 · Legal Fees - WAdmin</b>							
Check	12/06/2023	11269	NORTHWEST LOCAL GOVERNME...	Inv #13614 / consult regarding squatters, special SDC surcharges	880.00		880.00
Total 512-1 · Legal Fees - WAdmin					880.00	0.00	880.00
<b>515-1 · Office Supplies - WA</b>							
Check	12/14/2023	11274	CANON SOLUTIONS AMERICA, INC.	Inv #6006199760 / Office copier maintenance 10/20 - 11/19	28.01		28.01
Check	12/14/2023	11284	FX DESIGNS	Inv #33922 / laser engraving	85.00		113.01
Total 515-1 · Office Supplies - WA					113.01	0.00	113.01
<b>515-2 · Office Supplies - SA</b>							
Check	12/14/2023	11274	CANON SOLUTIONS AMERICA, INC.	Inv #6006199760 / Office copier maintenance 10/20 - 11/19	28.00		28.00
Check	12/14/2023	11284	FX DESIGNS	Inv #33922 / laser engraving	85.00		113.00
Total 515-2 · Office Supplies - SA					113.00	0.00	113.00
<b>516-1 · Communication &amp; IT</b>							
Check	12/14/2023	11281	SYSTECH CONSULTING, LLC	Inv #11329 / Managed service plan - November	577.50		577.50
Check	12/21/2023	11286	DOUGLAS FAST NET	Water office phone/fax/internet	145.37		722.87
Check	12/21/2023	11286	DOUGLAS FAST NET	Water office phone/fax/internet	145.37		868.24
Paycheck	12/29/2023	DD1800	Campos, David M	Direct Deposit	50.00		918.24
Total 516-1 · Communication & IT					918.24	0.00	918.24
<b>516-2 · Communication &amp; IT - S</b>							
Check	12/14/2023	11281	SYSTECH CONSULTING, LLC	Inv #11329 / Managed service plan - November	577.50		577.50
Check	12/21/2023	11286	DOUGLAS FAST NET	Sewer office phone/fax/internet	294.70		872.20
Check	12/21/2023	11286	DOUGLAS FAST NET	Sewer office phone/fax/internet	294.70		1,166.90
Total 516-2 · Communication & IT - S					1,166.90	0.00	1,166.90
<b>517-1 · Utilities- WA</b>							
Check	12/04/2023	11266	AVISTA UTILITIES	Natural gas service water office 10/20 - 11/20	53.36		53.36
Check	12/28/2023	11291	PACIFIC POWER	Water office electricity 10/2 - 10/31	135.53		188.89
Total 517-1 · Utilities- WA					188.89	0.00	188.89
<b>517-2 · Utilities- SA</b>							
Check	12/04/2023	11266	AVISTA UTILITIES	Natural gas service sewer office 10/20 - 11/20	70.69		70.69
Check	12/28/2023	11291	PACIFIC POWER	Sewer office electricity 10/2 - 10/31	256.94		327.63
Total 517-2 · Utilities- SA					327.63	0.00	327.63
<b>518-1 · R &amp; M Office - WA</b>							
Check	12/14/2023	11279	OREGON LINEN	Inv #1020327 / Rug service water office	69.90		69.90
Total 518-1 · R & M Office - WA					69.90	0.00	69.90

**Green Area Water & Sanitary Authority**  
**GAWSA Expense Detail**  
December 2023

Type	Date	Num	Name	Memo	Debit	Credit	Balance
<b>518-2 · R &amp; M Office - SA</b>							
Check	12/14/2023	11280	STAPEL PEST SOLUTIONS	Inv #126772 / November pest control - sewer office	45.00		45.00
Total 518-2 · R & M Office - SA					45.00	0.00	45.00
<b>522-1 · Travel &amp; Training - WA</b>							
Check	12/04/2023	11267	BASSETT-HYLAND ENERGY	Inv #CL21175 / admin vehicle fuel 11/16 - 11/30	6.83		6.83
Check	12/29/2023	11293	CINTAS	Inv #2000076892 / PO 18345 / CPR & First-Aid training	77.18		84.01
Check	12/29/2023	11293	CINTAS	Inv #2000076893 / PO 18346 / CPR & First-Aid training, travel fee	162.61		246.62
Total 522-1 · Travel & Training - WA					246.62	0.00	246.62
<b>522-2 · Travel &amp; Training - SA</b>							
Check	12/04/2023	11267	BASSETT-HYLAND ENERGY	Inv #CL21175 / admin vehicle fuel 11/16 - 11/30	6.84		6.84
Check	12/29/2023	11293	CINTAS	Inv #2000076892 / PO 18345 / CPR & First-Aid training	77.19		84.03
Check	12/29/2023	11293	CINTAS	Inv #2000076893 / PO 18346 / CPR & First-Aid training, travel fee	162.61		246.64
Total 522-2 · Travel & Training - SA					246.64	0.00	246.64
<b>525-1 · Misc. Expense - WA</b>							
Check	12/21/2023	11286	DOUGLAS FAST NET	Service charge	10.08		10.08
Total 525-1 · Misc. Expense - WA					10.08	0.00	10.08
<b>526-2 · Rental Property Maintenance</b>							
Check	12/28/2023	11291	PACIFIC POWER	Holgate rental electricity 10/3 - 11/1	134.46		134.46
Check	12/28/2023	11291	PACIFIC POWER	Harmony rental electricity 10/3 - 11/1	19.70		154.16
Total 526-2 · Rental Property Maintenance					154.16	0.00	154.16
<b>531-1 · Statement Printing/Mailing - WA</b>							
Check	12/15/2023	ACH	BMS TECHNOLOGIES	Inv #88818 / December billing statements printing and mailing	1,052.70		1,052.70
Total 531-1 · Statement Printing/Mailing - WA					1,052.70	0.00	1,052.70
<b>531-2 · Statement Printing/Mailing - SA</b>							
Check	12/15/2023	ACH	BMS TECHNOLOGIES	Inv #88818 / December billing statements printing and mailing	1,052.69		1,052.69
Total 531-2 · Statement Printing/Mailing - SA					1,052.69	0.00	1,052.69
<b>532-1 · IVR System Costs - WA</b>							
Check	12/14/2023	11277	IVR TECHNOLOGY GROUP	Inv #IV18986 / November IVR maintenance and tx fees	60.92		60.92
Total 532-1 · IVR System Costs - WA					60.92	0.00	60.92
<b>532-2 · IVR System Costs - SA</b>							
Check	12/14/2023	11277	IVR TECHNOLOGY GROUP	Inv #IV18986 / November IVR maintenance and tx fees	60.92		60.92
Total 532-2 · IVR System Costs - SA					60.92	0.00	60.92
<b>607-1 · Retirement Contributions - WO</b>							
Check	12/28/2023	11292	EDWARD JONES CO.	Oct - Dec SEP IRA contributions	12,666.24		12,666.24
Total 607-1 · Retirement Contributions - WO					12,666.24	0.00	12,666.24
<b>607-2 · Retirement Contributions - SO</b>							
Check	12/28/2023	11292	EDWARD JONES CO.	Oct - Dec SEP IRA contributions	6,548.04		6,548.04
Total 607-2 · Retirement Contributions - SO					6,548.04	0.00	6,548.04



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

December 2023

Type	Date	Num	Name	Memo	Debit	Credit	Balance
<b>610-1 · Vehicle/Equipment O &amp; M - WO</b>							
Check	12/04/2023	11267	BASSETT-HYLAND ENERGY	Inv #CL20786 / trucks and equipment fuel 11/1 - 11/15	217.07		217.07
Check	12/04/2023	11267	BASSETT-HYLAND ENERGY	Inv #CL21175 / trucks and equipment fuel 11/16 - 11/30	240.46		457.53
Check	12/14/2023	11284	FX DESIGNS	Inv #33910 / Logos for 2 F150 trucks	450.00		907.53
Total 610-1 · Vehicle/Equipment O & M - WO					907.53	0.00	907.53
<b>610-2 · Vehicle/Equipment O &amp; M - SO</b>							
Check	12/04/2023	11267	BASSETT-HYLAND ENERGY	Inv #CL20786 / trucks and equipment fuel 11/1 - 11/15	69.37		69.37
Check	12/04/2023	11267	BASSETT-HYLAND ENERGY	Inv #CL21175 / trucks and equipment fuel 11/16 - 11/30	129.97		199.34
Total 610-2 · Vehicle/Equipment O & M - SO					199.34	0.00	199.34
<b>611-1 · Dues/Fees/Subscriptions- WO</b>							
Check	12/14/2023	11273	BIO-MED TESTING SERVICES	Inv #99607 / DOT testing AP	30.00		30.00
Check	12/14/2023	11273	BIO-MED TESTING SERVICES	Inv #101127 / DOT testing JM	100.00		130.00
Check	12/14/2023	11278	OREGON DEPT. OF REVENUE	SFM Right to Know fee 2023 / 33730	411.00		541.00
Check	12/14/2023	11278	OREGON DEPT. OF REVENUE	DEQ Toxic Reduction fee 2023 / 33730	133.00		674.00
Total 611-1 · Dues/Fees/Subscriptions- WO					674.00	0.00	674.00
<b>611-2 · Dues/Fees/Subscriptions- SO</b>							
Check	12/14/2023	11273	BIO-MED TESTING SERVICES	Inv #99607 / DOT testing MC	60.00		60.00
Check	12/14/2023	11273	BIO-MED TESTING SERVICES	Inv #99607 / DOT testing AP	30.00		90.00
Total 611-2 · Dues/Fees/Subscriptions- SO					90.00	0.00	90.00
<b>612-1 · Communication &amp; IT - Ops</b>							
Check	12/21/2023	11286	DOUGLAS FAST NET	Carnes shop internet	86.39		86.39
Check	12/21/2023	11286	DOUGLAS FAST NET	WTP phone/fax/internet/alarm line	131.24		217.63
Check	12/21/2023	11286	DOUGLAS FAST NET	Carnes shop internet	86.39		304.02
Check	12/21/2023	11286	DOUGLAS FAST NET	WTP phone/fax/internet/alarm line	131.24		435.26
Paycheck	12/29/2023	DD1801	Carlson, Trev W	Direct Deposit	50.00		485.26
Paycheck	12/29/2023	DD1804	Hope, Will T	Direct Deposit	50.00		535.26
Paycheck	12/29/2023	DD1805	Manson, Joshua T.	Direct Deposit	50.00		585.26
Paycheck	12/29/2023	DD1807	Paulson, Alan D.	Direct Deposit	50.00		635.26
Paycheck	12/29/2023	DD1808	Radford, Daniel L.	Direct Deposit	50.00		685.26
Paycheck	12/29/2023	DD1810	Wolford, Jeremy J.	Direct Deposit	50.00		735.26
Total 612-1 · Communication & IT - Ops					735.26	0.00	735.26
<b>612-2 · Communication &amp; IT - SO</b>							
Paycheck	12/29/2023	DD1802	Chasteen, Matthew S.	Direct Deposit	50.00		50.00
Paycheck	12/29/2023	DD1806	Miller, Shannon L.	Direct Deposit	50.00		100.00
Total 612-2 · Communication & IT - SO					100.00	0.00	100.00
<b>613-1 · Travel &amp; Training - WO</b>							
Check	12/29/2023	11293	CINTAS	Inv #2000076892 / PO 18345 / CPR & First-Aid training + add'l student fee	797.48		797.48
Check	12/29/2023	11293	CINTAS	Inv #2000076893 / PO 18346 / CPR & First-Aid training, travel fee	246.61		1,044.09
Total 613-1 · Travel & Training - WO					1,044.09	0.00	1,044.09
<b>613-2 · Travel &amp; Training - SO</b>							
Check	12/29/2023	11293	CINTAS	Inv #2000076892 / PO 18345 / CPR & First-Aid training	154.37		154.37
Check	12/29/2023	11293	CINTAS	Inv #2000076893 / PO 18346 / CPR & First-Aid training, travel fee	475.83		630.20
Total 613-2 · Travel & Training - SO					630.20	0.00	630.20

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

December 2023

Type	Date	Num	Name	Memo	Debit	Credit	Balance
<b>620-1 · R &amp; M Water Distribution</b>							
Check	12/04/2023	11268	CORIX WATER PRODUCTS, INC.	Inv #U2316045917 / PO 18307 / blowoff parts for Grant Smith Rd.	1,522.28		1,522.28
Check	12/04/2023	11268	CORIX WATER PRODUCTS, INC.	Inv #U2316046952 / PO 18309 / blowoff parts for Grant Smith Rd	203.59		1,725.87
Total 620-1 · R & M Water Distribution					1,725.87	0.00	1,725.87
<b>621-1 · R &amp; M - Dist Shop</b>							
Check	12/14/2023	11283	WINSTON SANITARY SERVICE	Inv #300251 / 200 Gal weekly dumpster - Carnes	94.25		94.25
Check	12/14/2023	11283	WINSTON SANITARY SERVICE	Inv #302594 / 200 Gal weekly dumpster - Carnes	95.66		189.91
Total 621-1 · R & M - Dist Shop					189.91	0.00	189.91
<b>622-1 · Tools &amp; Supplies - Distribution</b>							
Check	12/07/2023	11270	USA BLUE BOOK	Inv #INV00190560 / PO 18336 / Hach DR300 Chlorine; F & T Colorimeter	679.68		679.68
Check	12/07/2023	11270	USA BLUE BOOK	Inv #INV00060351 / PO 18329 / Poly crimping tool	351.60		1,031.28
Total 622-1 · Tools & Supplies - Distribution					1,031.28	0.00	1,031.28
<b>624-1 · Utilities - Water Dist WO</b>							
Check	12/04/2023	11266	AVISTA UTILITIES	Natural gas service Highland PS 10/20 - 11/20	21.30		21.30
Check	12/04/2023	11266	AVISTA UTILITIES	Natural gas service Carnes shop 10/20 - 11/20	327.76		349.06
Check	12/28/2023	11291	PACIFIC POWER	Tipton PS/Roseburg intertie electricity 10/12 - 11/13	82.48		431.54
Check	12/28/2023	11291	PACIFIC POWER	Carnes shop electricity 10/2 - 10/31	195.17		626.71
Check	12/28/2023	11291	PACIFIC POWER	Highland Vista PS electricity 10/2 - 10/31	309.57		936.28
Check	12/28/2023	11291	PACIFIC POWER	Glengary PS electricity 10/3 - 11/1	38.73		975.01
Total 624-1 · Utilities - Water Dist WO					975.01	0.00	975.01
<b>626-1 · Water Samples - WO</b>							
Check	12/14/2023	11282	UMPQUA RESEARCH	Inv #M072342 / 8 coliform tests	192.00		192.00
Check	12/14/2023	11282	UMPQUA RESEARCH	Inv #M072384 / 2 TOC, 1 Alkalinity test	147.50		339.50
Total 626-1 · Water Samples - WO					339.50	0.00	339.50
<b>628-1 · Inventory Adjustment W</b>							
Check	12/04/2023	11268	CORIX WATER PRODUCTS, INC.	Inv #U2316043135 / PO 18297 / angle meter valves, U branches, couplings	2,216.86		2,216.86
Check	12/04/2023	11268	CORIX WATER PRODUCTS, INC.	Inv #U2316043136 / PO 18298 / 50 zenner meters	3,456.00		5,672.86
Check	12/04/2023	11268	CORIX WATER PRODUCTS, INC.	Inv #U2316043138 / PO 18299 / 300' PE pipe, pack nut assemblies	311.60		5,984.46
Check	12/04/2023	11268	CORIX WATER PRODUCTS, INC.	Inv #U2316043580 / PO 18300 / ball valves, PJ x MIP adapters	1,538.10		7,522.56
Check	12/04/2023	11268	CORIX WATER PRODUCTS, INC.	Inv #U2316045744 / PO 18305 / 6" valve, flange packs	1,192.92		8,715.48
Check	12/04/2023	11268	CORIX WATER PRODUCTS, INC.	Inv #U2316046955 / PO 18310 / PRV's and tail piece kit	505.74		9,221.22
Check	12/04/2023	11268	CORIX WATER PRODUCTS, INC.	Inv #U2316047401 / PO 18316 / DI flanges for inventory	276.11		9,497.33
Check	12/04/2023	11268	CORIX WATER PRODUCTS, INC.	Inv #U2316048051 / PO 18341 / AY angle ball valves	542.84		10,040.17
Check	12/04/2023	11268	CORIX WATER PRODUCTS, INC.	Inv #U2316048052 / PO 18342 / 3 Zenner hydrant meters, AY ball curbstops	3,843.43		13,883.60
Check	12/04/2023	11268	CORIX WATER PRODUCTS, INC.	Inv #U2316048055 / PO 18343 / 5 Wilkins PRV tailpiece kit	81.90		13,965.50
Total 628-1 · Inventory Adjustment W					13,965.50	0.00	13,965.50
<b>647-2 · G4 Pumpstation - SO</b>							
Check	12/21/2023	11286	DOUGLAS FAST NET	G4 pumpstation alarm line	14.52		14.52
Check	12/21/2023	11286	DOUGLAS FAST NET	G4 pumpstation alarm line	14.52		29.04
Check	12/28/2023	11291	PACIFIC POWER	G4 PS electricity 10/2 - 10/31	1,257.25		1,286.29
Total 647-2 · G4 Pumpstation - SO					1,286.29	0.00	1,286.29

**Green Area Water & Sanitary Authority**  
**GAWSA Expense Detail**  
December 2023

Type	Date	Num	Name	Memo	Debit	Credit	Balance
<b>648-2 · O&amp;M Pumpstations - SO</b>							
Check	12/28/2023	11291	PACIFIC POWER	Oak Creek PS electricity 10/2 - 10/31	66.60		66.60
Check	12/28/2023	11291	PACIFIC POWER	Briarwood PS electricity 10/2 - 10/31	25.57		92.17
Total 648-2 · O&M Pumpstations - SO					92.17	0.00	92.17
<b>700-1 · WTP R &amp; M</b>							
Check	12/07/2023	11270	USA BLUE BOOK	Inv #INV00193452 / PO 18337 / Cla-Val Control repair kits	245.90		245.90
Check	12/14/2023	11275	GC SYSTEMS, INC.	Inv #12684 / PO 18347 / Cla-Val Control	507.89		753.79
Total 700-1 · WTP R & M					753.79	0.00	753.79
<b>701-1 · WTP Tools &amp; Supplies</b>							
Check	12/07/2023	11270	USA BLUE BOOK	Inv #INV00182254 / PO 18330 / Pressure gauge for water plant	95.78		95.78
Check	12/14/2023	11274	CANON SOLUTIONS AMERICA, INC.	Inv #6006199760 / Water Plant copier maintenance 10/20 - 11/19	7.96		103.74
Total 701-1 · WTP Tools & Supplies					103.74	0.00	103.74
<b>702-1 · WTP Utilities</b>							
Check	12/28/2023	11291	PACIFIC POWER	WTP electricity 10/2 - 10/31	8,825.87		8,825.87
Total 702-1 · WTP Utilities					8,825.87	0.00	8,825.87
<b>704-1 · WTP Chemicals</b>							
Check	12/07/2023	11271	NORTHSTAR CHEMICAL, INC.	Inv #268274 / PO 18334 / 45780# Sodium Hydroxide 25%	6,797.86		6,797.86
Total 704-1 · WTP Chemicals					6,797.86	0.00	6,797.86
<b>712-2 · O&amp;M Regional WWTP</b>							
Check	12/14/2023	11276	CITY OF WINSTON	WWTP Personal services - October 2023	22,544.92		22,544.92
Total 712-2 · O&M Regional WWTP					22,544.92	0.00	22,544.92
<b>TOTAL</b>					<b>97,187.91</b>	<b>0.00</b>	<b>97,187.91</b>

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

**New Office Staff Employee**

We have filled the open Office Assistant II position. Tasha Gill's first day was 1/8. We feel Tasha will be a great asset to GAWSA and will be a great fit for our team.

**Office Remodel**

I will be meeting with Systech Consulting, LLC, our IT provider, to go over data and communication lines for the remodel, as requested by Rogers Engineering. Tom Rogers is hopeful that mechanical and electrical engineering will be minimal.

**Douglas County Nearmap Imaging IGA**

I have attached an annual renewal for the aerial imaging agreement with Douglas County. The County updates aerial imaging for its GIS system, and as part of its imaging, has provided for agencies in the County to share in the Nearmap imaging of their respective districts for a proportionate cost. Our portion of the Nearmap imaging is \$1,149.75.

**Happy Valley Property Sale – Tank SDC's**

I would like to follow up regarding a property sale that Alan mentioned in last month's meeting. This whole scenario is still developing so I will provide more information at the meeting.

**February Board Meeting**

Next Month I will be attending the SDAO Conference, and I will be leaving on Thursday 2/8. I would like to discuss potentially moving the Board meeting date.

✓

**INTERGOVERNMENTAL AGREEMENT**

This intergovernmental agreement is made on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_ between DOUGLAS COUNTY, a political subdivision of the State of Oregon ("COUNTY"), and GREEN AREA WATER AND SANITARY AUTHORITY ("AGENCY").

**COUNTY AND AGENCY HEREBY AGREE AS FOLLOWS:**

1. **PURPOSE OF AGREEMENT:** The purpose of this agreement is to memorialize the financial contribution of AGENCY toward COUNTY's purchase of new aerial imagery for GIS ("Nearmap"), and authorize AGENCY to use the Nearmap imaging.
2. **FINANCIAL CONTRIBUTION:** AGENCY agrees to pay \$ 1,149.75 to COUNTY as its financial contribution for its respective portion of the Nearmap purchase. AGENCY shall make payment no later than April 1, 2024.
3. **AUTHORITY OF PUBLIC WORKS DIRECTOR:** COUNTY's Director of Public Works, or his designee, shall have the authority to represent COUNTY on all matters concerning this agreement.
4. **NOTICES:** Any notice required to be given under this agreement shall be in writing and shall be given by personal delivery, mail, facsimile transmission, or email. Any notice required by law shall be given in the manner specified by the applicable law.
5. **INDEMNIFICATION:** Subject to the limitations and conditions of the Oregon Tort Claims Act and the Oregon Constitution, AGENCY shall indemnify, defend and hold harmless COUNTY and COUNTY's officers, employees, and agents from all claims, suits, actions and expenses of any nature resulting from, arising out of, or regarding the negligence or wrongful errors or omissions of AGENCY and AGENCY's officers, employees, and agents acting pursuant to the terms of this agreement.
6. **GOVERNING LAW:** This agreement shall be construed in accordance with the laws of the state of Oregon. Any litigation arising out of this agreement shall be conducted in the Circuit Court of the State of Oregon for Douglas County.
7. **NO WAIVER:** No provision of this agreement shall be deemed waived unless such waiver is in writing and signed by the party waiving its rights. Any waiver of a breach by either party shall not constitute a waiver of any other breach.
8. **SEVERABILITY:** If any provision of this agreement is held by a court to be invalid, such invalidity shall not affect any other provision of this agreement. This agreement shall be construed as if such invalid provision had never been included.
9. **AMENDMENTS:** This agreement may be changed only by written amendments that are signed by both parties. It may not be amended or modified by oral agreements or understandings between the parties.

////

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**10. ENTIRE AGREEMENT:** This agreement constitutes the final and complete agreement of the parties concerning the roads and streets described in the recital paragraphs and supersedes all prior and existing written or oral understandings.

**AGENCY**

By \_\_\_\_\_  
Print Name \_\_\_\_\_  
Title \_\_\_\_\_  
Date \_\_\_\_\_

**BOARD OF COUNTY COMMISSIONERS  
OF DOUGLAS COUNTY**

By \_\_\_\_\_  
Chair  
By \_\_\_\_\_  
Commissioner  
By \_\_\_\_\_  
Commissioner  
Date \_\_\_\_\_

**REVIEWED AS TO CONTENT**

By \_\_\_\_\_  
Department Head  
Date \_\_\_\_\_  
Coding \_\_\_\_\_

**REVIEWED AS TO FORM**

By \_\_\_\_\_  
County Legal Counsel  
Date \_\_\_\_\_





400.0 0 200.01 400.0 Feet

WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere  
© Latitude Geographics Group Ltd.

1" = 200'

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION





# Green Area Water & Sanitary Authority Transaction List - Summary

Sort order: Customer No.

From: 12/1/2023 Through: 12/31/2023

Limited to :

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

Deposits Transaction Types:

Transaction Type	Applies To	Transaction Amount
Collection Write-Off	Water Charge	(\$105.45)
	Water Delinquency	(\$10.00)
	Miscellaneous Misc Chrg.	(\$25.00)
	Service Charge Charge	(\$103.51)
	Sewer Charge	(\$55.74)
		<b>(\$299.70)</b>
Delinquency	Water Interest	\$60.00
	Water Penalty	\$2,645.00
	Miscellaneous Penalty	\$5.00
	Service Charge Interest	\$560.00
	Service Charge Penalty	\$115.00
	Service Charge Shutoff	\$25.00
	Sewer Interest	\$40.00
Sewer Penalty	\$145.00	
		<b>\$3,595.00</b>
Misc Chrg.	Miscellaneous (BF)	\$375.00
	Miscellaneous (DHF)	\$40.00
	Service Charge (AF)	\$425.00
		<b>\$840.00</b>
<b>Grand Total:</b>		<b>\$4,135.30</b>

**Green Area Water & Sanitary Authority**  
**Customer Payment History - Summary**

Sort Order : Payment Source  
 From: 12/1/2023 Through: 12/31/2023

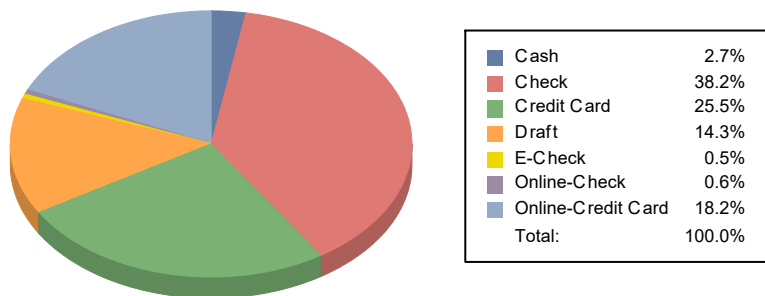
Payment Method	Quantity	Payment Amount
Cash	83	\$7,037.02
Check	1,177	\$118,030.51
Credit Card	787	\$63,907.25
Draft	442	\$39,277.70
E-Check	15	\$1,169.55
Online-Check	19	\$1,580.72
Online-Credit Card	562	\$44,651.15

Summary totals do not include reversed/transferred payments.

Service	Trans. Amount
Miscellaneous	\$(9,933.81)
Second Level Charge	\$(800.00)
Service Charge	\$(78,559.46)
Sewer	\$(119,922.49)
Water	\$(66,438.14)
<b>Totals</b>	<b>\$(275,653.90)</b>

Payment Method	Quantity	Payment Amount
<b>Payment Source</b>		
<b>Amount</b>		
Autopay		
Credit Card		\$(38,702.40)
Draft		\$(39,277.70)
		<b>\$(77,980.10)</b>
Customer Portal		
Online-Check		\$(1,580.72)
Online-Credit Card		\$(44,578.75)
		<b>\$(46,159.47)</b>
IVR		
Credit Card		\$(2,015.80)
E-Check		\$(281.50)
		<b>\$(2,297.30)</b>
Lockbox		
Check		\$(106,238.08)
		<b>\$(106,238.08)</b>
Manual		
Cash		\$(7,037.02)
Check		\$(11,792.43)
Credit Card		\$(23,189.05)
E-Check		\$(888.05)
Online-Credit Card		\$(72.40)
		<b>\$(42,978.95)</b>
<b>Totals</b>		<b>\$(275,653.90)</b>

### Payment Breakdown



# SANITARY OPERATIONS REPORT

January 11, 2024

## ***Construction Projects***

- Winery Lane Inspired Healthcare Capital.
  - Underway, Sanitary SDCs paid.
- Brittney Avenue Subdivision, ie Engineering.
  - Parts are being bid. Construction to start in spring.
- Shawn Bateson Development, MIDEA Engineering.
  - Nothing new to report.
- Tatone Harmony Duplexes, line extension, ie Engineering.
  - Construction to start back up this spring.
- Doris to Happy Valley Commercial Property Extension.
  - Design complete.
  - Sanitary standards and specs update underway.

## ***Collection System***

- Manhole inspections project 'G' Basin complete, starting 'J' Basin inspections.
- TV annual project.
  - 'J' Basin, flushing and CCTV underway.
  - Updating GIS and AutoCAD with lateral location changes 'G' Basin, complete.
- Push cameras and camera trailer.
  - Small tractor & backup camera head out for sealing repairs, tractor works, camera can't be repaired, replacement part unavailable.
- New float alarm systems to prevent future SSOs in previously affected areas.
  - Hanna 'H' basin float system failed, new system installed and working.
- Sanitary Office/Shop outside lights repaired.

## ***G4 and Pump Stations***

- GAWSA Pump Stations ran well, with typical operation and maintenance.
- Working with contractors to bid placement of new pump at G4, pump ordered.
- Automatic transfer switch failed for the generator at G4.
  - Cummins repaired, lost power a couple times this month and ATS transferred well.
  - Scheduling for annual maintenance, they could not combine services.

## ***Meetings and Conferences***

- Matt and I attended the DCUCC One Call meeting.
- Attended Master Plan meeting with SHN.

## ***Lateral Inspections & GIS***

- 6 Inspections.
  - 526 Little Valley, TV & GIS update.
  - 956 Rolling Hills, TV & GIS update.
  - 1739 Green Siding, TV & GIS update.
  - 130 Stonewood Ct, TV & GIS update.
  - 1734 Austin East, TV & GIS update.
  - 360 Industrial, New Connection.

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

January 2024

We have not received the tie-in plans for the proposed sprinkler system for Peterson Machinery, but anticipate it to be started soon.

The mainline extension has been installed working off Winery Lane for the care facility. It will be tested and put into service soon. Their fire-line and meter services are still being engineered, and will be installed at a later date.

We continue to have few minor issues with the water treatment plant.

- We have received our power supplies, but still have not received the cell for our MIOX system. When we get our cell, it will be re-installed by William H. Reilly & Company, so not to interfere with our warranty.

- We still have a raw water pump out of service. As was discussed last month, we discovered an issue with the cable from the VFD to the pump. The cable has been replaced and we are just waiting to receive the repaired pump back from Flyght.

- While the electricians were on site for the new pump cable, they did some minor adjustments to our security lighting.

- A new oil cooling line was installed on one of our plant compressors.

David, Shannon and I met with the engineer to discuss the master plans. He is going to work on the scope of the project and get back to us with more information.

There is a small main-line extension planned for Oly Ln., as well as a potential main extension for a proposed development in the Robert's Creek Rd. area.

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

**Thanks Alan**

# Winston- Green WWTF

December 2023

## General

1.) Plant Influent Flow (MG)	<u>2023</u>		<u>2022</u>	
<i>Winston</i>	34.79	53%	32.73	52%
<i>Green</i>	30.58	47%	35.58	48%
<i>Rainfall</i>	4.70		6.21	
<i>Chlorine (Gallons)</i>	16,892		23,625	
<i>Leachate</i>	1,413,500		1,320,000	

## Bio-Solids

1.) Storing Biosolids

## 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.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	323.53	300.94	6.869	631.34	28.24
GREEN + LANDERS		307.81			
APPORTIONMENT	51.24%	48.76%			
			100%		

# Winston-Green WWTF

December 2023

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	BIOSOLIDS			
																	ECOLI COL	LAND gallons	DRYING BEDS gallons	RAIN FALL inches
1	1.582	7.3	712	593		7.0	16.9	5.4	99%	71	9	99%	116	0.09	477	31.8			0.21	
2	2.749	7.6				7.3	16.8							0.07	571	38.1			1.22	
3	4.627	7.5				7.1	15.8							0.06	630	42.0			0.76	
4	2.865	7.5			3.78	7.1	16.3							0.06	602	40.2	20.2			
5	2.250	7.3	218	154	3.61	7.0	16.6	3.5	98%	66	5	97%	94	0.07	552	36.8			0.06	
6	2.971	7.4	304	258	2.70	7.0	16.6	3.1	99%	77	3	99%	79	0.07	605	40.4	10.9		0.58	
7	4.006	7.3				7.1	15.9							0.06	627	41.8			0.60	
8	2.988	7.3	198	168		7.2	15.5	10.0	95%	249	7	96%	169	0.06	611	40.8			0.01	
9	2.458	7.4				7.0	15.7							0.07	574	38.3			0.02	
10	2.622	7.3				7.3	16.0							0.07	588	39.2	1.0		0.38	
11	2.604	7.4	441	315	1.99	7.0	16.1	7.4	98%	161	4	99%	87	0.05	610	40.7	27.5		0.04	
12	2.279	7.1				7.0	16.0							0.06	598	39.9				
13	2.122	7.2	345	253	1.11	7.0	16.0	5.5	98%	97	3	99%	53	0.05	570	38.0				
14	1.965	7.4				7.1	15.9							0.06	555	37.0			0.01	
15	1.750	7.2	354	300	1.36	6.9	15.8	7.4	98%	108	3	99%	38	0.04	530	35.4			0.01	
16	1.738	7.4				7.2	15.7							0.05	530	35.4			0.01	
17	1.701	7.4				7.4	15.7							0.05	525	35.0	2.0		0.03	
18	1.673	7.2	502	282	7.01	7.4	16.0	10.0	98%	140	5	98%	70	0.07	521	34.8	1.0		0.08	
19	1.766	7.2				7.1	16.2							0.05	534	35.6			0.12	
20	1.647	7.4	527	400	9.98	7.2	16.3	9.9	98%	136	4	99%	52	0.07	518	34.6				
21	1.553	7.3				7.4	16.2							0.08	505	33.7			0.01	
22	1.629	7.4	508	410		7.1	16.0	17.8	96%	242	5	99%	62	0.08	515	34.4			0.06	
23	1.508	7.5				7.4	15.8							0.05	499	33.3				
24	1.512	7.3				7.1	15.8							0.09	500	33.4	3.1			
25	1.415	7.4				7.3	16.0							0.08	487	32.5	6.3		0.01	
26	1.495	7.2				7.1	16.1							0.06	497	33.2			0.14	
27	1.589	7.4	567	436	8.55	7.3	16.0	15.2	97%	201	5	99%	69	0.08	510	34.0				
28	1.519	7.3				7.2	15.9							0.08	500	33.4			0.14	
29	1.520	7.3	546	483	7.49	7.2	16.1	14.0	97%	177	5	99%	68	0.09	501	33.4			0.19	
30	1.728						16.1							0.09	528	35.2			0.01	
31	1.677	7.5				7.3								0.08	522	34.8				
TOT	65.508									1,725			958		16,892	1127		0	0	4.70
MAX	4.627	7.6	712	593	9.98	7.4	16.9	17.8	99%	249	8.8	99%	169	0.09	630	42.03	27.5		1.22	
MIN	1.415	7.1	198	154	1.11	6.9	15.5	3.1	95%	66	2.6	96%	38	0.04	477	31.83	1.0		0.01	
AVG	2.113	7.3	435	338	4.76	7.2	16.1	9.1	98%	144	4.8	98%	80	0.07	545	36.36	5		0.20	

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



# Leachate Load Tickets -

<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
12/1	7:30 AM	431	8.17	12/2	7:00 AM	266	8.10	12/3	7:00 AM	97	8.13
12/1	8:00 AM	431	8.09	12/2	9:00 AM	266	8.10	12/3	8:15 AM	97	8.13
12/1	9:08 AM	431	8.09	12/2	10:00 AM	266	8.10	12/3	8:33 AM	97	8.13
12/1	9:33 AM	431	8.00	12/2	11:00 AM	266	8.10	12/3	9:35 AM	97	8.15
12/1	10:05 AM	431	8.04	12/2	11:54 AM	266	8.04	12/3	10:10 AM	97	8.16
12/1	10:40 AM	431	8.00	12/2	12:00 PM	266	8.03	12/3	10:35 AM	97	8.16
12/1	11:04 AM	431	8.01	12/2	12:54 PM	266	8.03	12/3	11:15 AM	97	8.18
12/1	12:05 PM	431	8.03	12/2	1:15 PM	266	8.03	12/3	11:55 AM	97	8.18
12/1	1:01 PM	431	8.03					12/3	1:35 PM	97	8.19
12/1	2:20 PM	431	8.06					12/3	2:38 PM	97	8.22
12/1	3:25 PM	431	8.04								

**Total Gallons: 60,500 11      Total Gallons: 44,000 8      Total Gallons: 55,000 10**

<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
12/4	7:00 AM	146	8.31	12/5	7:00 AM	135	8.23	12/6	7:00 AM	118	8.21
12/4	8:25 AM	146	8.28	12/5	8:45 AM	135	8.20	12/6	7:10 AM	118	8.21
12/4	9:40 AM	146	8.25	12/5	9:25 AM	135	8.19	12/6	8:35 AM	118	8.77
12/4	9:41 AM	146	8.24	12/5	9:50 AM	135	8.11	12/6	9:50 AM	118	8.17
12/4	10:35 AM	146	8.20	12/5	10:30 AM	135	8.16	12/6	11:30 AM	118	8.18
12/4	11:00 AM	146	8.21	12/5		135	8.14	12/6	12:10 PM	118	8.16
12/4	11:48 AM	146	8.19	12/5	11:31 AM	135	8.14	12/6	1:05 PM	118	8.20
12/4	12:13 PM	146	8.13	12/5	12:45 PM	135	8.08	12/6	2:42 PM	118	8.15
12/4	12:52 PM	146	8.19	12/5	1:33 PM	135	8.11	12/6	2:45 PM	118	8.16
12/4	1:50 PM	146	8.20	12/5	2:09 PM	135	8.13	12/6	3:25 PM	118	8.15
12/4	3:15 PM	146	8.20	12/5	3:00 PM	135	8.12	12/6	4:02 PM	118	8.15
								12/6	5:50 PM	118	8.17
								12/6	8:25 PM	118	8.18
								12/6	9:35 PM	118	8.21

**Total Gallons: 60,500 11      Total Gallons: 60,500 11      Total Gallons: 77,000 14**

<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
12/7	8:13 AM	154	8.25	12/8	12:40 AM	154	8.23	12/9	7:15 AM	125	8.15
12/7	8:30 AM	154	8.25	12/8	2:11 AM	154	8.21	12/9	8:00 AM	125	8.30
12/7	10:17 AM	154	8.25	12/8	3:54 AM	154	8.22	12/9	8:48 AM	125	8.07
12/7	10:47 AM	154	8.25	12/8	4:52 AM	154	8.20	12/9	9:15 AM	125	
12/7	11:27 AM	154	8.25	12/8	8:50 AM	129	8.17	12/9	9:45 AM	125	8.06
12/7	12:15 PM	154	8.25	12/8	10:18 AM	129	8.17	12/9	10:15 AM	125	
12/7	12:34 PM	154	8.25	12/8	10:34 AM	129	8.17	12/9	10:45 AM	125	8.05
12/7		154	8.25	12/8	11:55 AM	129	8.17	12/9	11:15 AM	125	
12/7	1:45 PM	154	8.25	12/8	12:30 PM	129	8.17	12/9	11:45 AM	125	8.03
12/7	3:23 PM	154	8.25	12/8	1:10 PM	129	8.17	12/9	12:15 PM	125	
12/7	4:30 PM	154	8.18	12/8	1:33 PM	129	8.17	12/9	12:45 PM	125	8.03
12/7	5:05 PM	154	8.18	12/8	6:10 PM	129	8.17	12/9	1:30 PM	125	8.03
12/7	5:50 PM	154	8.18	12/8	7:30 PM	129	8.14	12/9	1:45 PM	125	7.99
12/7	7:41 PM	154	8.21					12/9	2:30 PM	125	8.01
12/7	8:00 PM	154	8.19					12/9	2:55 PM	125	8.00
12/7	8:38 PM	154	8.18					12/9	3:30 PM	125	8.01
12/7	8:55 PM	154	8.21					12/9	3:55 PM	125	8.01
12/7	9:35 PM	154	8.20								

# Leachate Load Tickets -

12/7 10:25 PM 154 8.22  
 12/7 10:35 PM 154 8.20  
 12/7 11:25 PM 154 8.21

**Total Gallons: 115,500 21      Total Gallons: 71,500 13      Total Gallons: 93,500 17**

<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
12/10	7:05 AM	226	8.03	12/11	6:55 AM	221	8.02	12/12	7:08 AM	181	8.01
12/10	8:30 AM	226	8.00	12/11	8:25 AM	221	7.98	12/12	8:30 AM	181	7.96
12/10	9:33 AM	226	8.00	12/11	9:25 AM	221	7.97	12/12	9:35 AM	181	7.96
12/10	10:32 AM	226	7.98	12/11	10:25 AM	221	7.96	12/12	10:38 AM	181	7.94
12/10	11:36 AM	226	8.00	12/11	11:30 AM	221	7.94	12/12	11:45 AM	181	7.91
12/10	12:38 PM	226	7.99	12/11	12:30 PM	221	7.92	12/12	12:50 PM	181	7.93
12/10	1:38 PM	226	7.99	12/11	1:30 PM	221	7.93	12/12	2:00 PM	181	7.94
12/10	2:38 PM	226	8.02	12/11	2:30 PM	221	7.96	12/12	3:00 PM	181	7.93
				12/11	3:30 PM	221	7.97				

**Total Gallons: 44,000 8      Total Gallons: 49,500 9      Total Gallons: 44,000 8**

<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
12/13	8:32 AM	232	7.94	12/14	8:50 AM	221	7.89	12/16	7:15 AM	263	7.88
12/13	10:15 AM	232	7.87	12/14	10:18 AM	221	7.75	12/16	7:46 AM	263	7.79
12/13	11:20 AM	232	7.78					12/16	8:32 AM	263	7.79
								12/16	9:11 AM	263	7.77
								12/16	9:28 AM	263	7.77
								12/16	10:16 AM	263	7.77
								12/16	10:50 AM	263	7.75
								12/16	11:27 AM	263	7.69
								12/16	11:47 AM	263	7.68
								12/16	12:39 PM	263	7.78

**Total Gallons: 16,500 3      Total Gallons: 11,000 2      Total Gallons: 55,000 10**

<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
12/17	7:15 AM	329	7.90	12/18	6:52 AM	258	7.89	12/19	6:55 AM	256	7.88
12/17	7:41 AM	329	7.87	12/18	8:22 AM	258	7.82	12/19	7:27 AM	256	7.83
12/17	9:40 AM	329	7.82	12/18	10:20 AM	258	7.82	12/19	8:30 AM	256	8.01
12/17	9:45 AM	329	7.80	12/18	11:35 AM	258	7.80	12/19	9:01 AM	256	7.82
12/17	10:10 AM	329	7.79	12/18	12:32 PM	258	7.79	12/19	9:30 AM	256	7.81
12/17	10:58 AM	329	7.78	12/18	1:40 PM	258	7.78	12/19	10:16 AM	256	7.80
12/17	11:20 AM	329	7.78	12/18	3:00 PM	258	7.80	12/19	12:45 PM	256	7.78
12/17	12:05 PM	329	7.77					12/19	11:28 AM	256	7.79
12/17	12:35 PM	329	7.75					12/19	1:46 PM	256	7.78
12/17	1:55 PM	329	7.80					12/19	2:30 PM	256	7.79
								12/19	3:03 PM	256	7.81

**Total Gallons: 55,000 10      Total Gallons: 38,500 7      Total Gallons: 60,500 11**

<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
12/20	7:25 AM	266	7.89	12/21	7:33 AM	285	7.91	12/22	7:35 AM	257	7.94
12/20	9:08 AM	266	7.84	12/21	8:55 AM	285	7.86	12/22	9:14 AM	257	7.91
12/20	10:23 AM	266	7.84	12/21	10:01 AM	285	7.86	12/22	10:19 AM	257	7.87
12/20	12:09 PM	266	7.83	12/21	11:09 AM	285	7.80	12/22	11:32 AM	257	7.85
12/20	1:38 PM	266	7.82	12/21	12:47 PM	285	7.86	12/22	12:43 PM	257	7.84
12/20	2:49 PM	266	7.86	12/21	2:02 PM	285	7.87	12/22	1:54 PM	257	7.87
12/20	3:51 PM	266	7.87	12/21	3:13 PM	285	7.86	12/22	3:08 PM	257	7.94

# Leachate Load Tickets -

**Total Gallons: 38,500 7 Total Gallons: 38,500 7 Total Gallons: 38,500 7**

<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
12/23	8:55 AM	284	7.98	12/24	6:55 AM	281	8.06	12/26	7:15 AM	303	8.00
12/23	10:00 AM	284	7.91	12/24	8:30 AM	281	7.94	12/26	8:40 AM	303	7.93
12/23	11:10 AM	284	7.88	12/24	9:51 AM	281	7.94	12/26	10:00 AM	303	7.90
12/23	12:15 PM	284	7.88	12/24	10:23 AM	281	7.90	12/26	11:05 AM	303	7.87
12/23	1:30 PM	284	7.88	12/24	10:55 AM	281	7.89	12/26	12:15 PM	303	7.87
				12/24	12:15 PM	281	7.89	12/26	1:30 PM	303	7.88
				12/24	12:30 PM	281	7.88	12/26	2:31 PM	303	7.89
				12/24	1:20 PM	281	7.87	12/26	3:37 PM	303	7.90
				12/24	1:48 PM	281	7.86				
				12/24	3:05 PM	281	7.87				

**Total Gallons: 27,500 5 Total Gallons: 55,000 10 Total Gallons: 44,000 8**

<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
12/27	7:37 AM	307	7.98	12/28	7:37 AM	366	8.01	12/29	7:10 AM	300	8.00
12/27	9:17 AM	307	7.91	12/28	9:14 AM	366	7.94	12/29	9:12 AM	300	7.94
12/27	10:25 AM	307	7.92	12/28	10:27 AM	366	7.93	12/29	10:20 AM	300	7.88
12/27	11:35 AM	307	7.83	12/28	11:38 AM	366	7.90	12/29	11:34 AM	300	7.88
12/27	12:42 PM	307	7.86	12/28	1:25 PM	366	7.93	12/29	12:44 PM	300	7.89
12/27	1:59 PM	307	7.86	12/28	2:32 PM	366	7.90	12/29	1:54 PM	300	7.90
12/27	3:18 PM	307	7.89	12/28	3:40 PM	366	7.92				

**Total Gallons: 38,500 7 Total Gallons: 38,500 7 Total Gallons: 33,000 6**

<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
12/30	7:11 AM	394	8.00	12/31	9:45 AM	299	8.01				
12/30	8:46 AM	394	7.95	12/31	11:00 AM	299	7.97				
12/30	10:10 AM	394	7.95								
12/30	11:20 AM	394	7.88								
12/30	12:35 PM	394	7.91								
12/30	1:46 PM	394	7.95								
12/30	3:08 PM	394	7.95								

**Total Gallons: 38,500 7 Total Gallons: 11,000 2 Total Gallons: 0 0**

TOTAL TICKETS: 257  
**TOTAL GALLONS/MONTH:** 1,413,500  
 \$28,270