



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: Kenneth James Larson (Leesa Carter)		Service Address: 3329 Roberts Creek Road
Daytime Phone: 541 580 0630	Account Number: 30000414	

REPAIR DATE

LEAK REPAIR RECEIPTS - PLEASE ATTACH

Date Leak Repaired: 9-21-2024	<input checked="" type="checkbox"/> Attached
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Brief Description of Leak Failure and Repair:
Found the leak in the field and ~~rep~~ instructed renters to turn off water. Repaired as soon as possible

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 **Kenneth J. Larson** Date **11-4-2024**

SECTION 2 - TO BE COMPLETED BY AUTHORITY BILLING DEPT

Date Form Received:

Meter Read Date to use for Water Leak Credit Evaluation:

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

8/10, 9/10, 10/10/24

Estimated leak period based on consumption history (attach service history): **8/1/24 - 9/21/24**

Estimated normal billing during leak period: **165.90** Leak month billing: **362.55**

Past average normal billing in same billing cycle (or est avg billing if less than 1 yr of svc): **(165.90)**
(NOTE: if estimating average consumption, attach calculation documentation)

Estimated leak billing of the leak billing period divided by 2= **196.65 / 2 = 98.32**

Leak gallons vs. normal usage gallons: **103,000 vs. 34,000 gal.**

Calculated water leak credit amount: **98.32**

Reviewer's Initials:

Approver's Initials:

Credit Granted

Credit Denied

If Leak Credit Granted:

Date Applied: _____ Initials: _____

DC



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>Jose O Cortez Sosa</u>		Service Address: <u>840 Callahan dr</u>
Daytime Phone: <u>541-670-3798</u>	Account Number: <u>30000238</u>	
REPAIR DATE	LEAK REPAIR RECEIPTS - PLEASE ATTACH	
Date Leak Repaired: <u>Oct 1 2024</u>	<input type="checkbox"/> Attached	
Brief Description of Leak Failure and Repair: <u>Pipe Broke overnight</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>Nov 6 2024</u>	

SECTION 2 - TO BE COMPLETED BY AUTHORITY BILLING DEPT

Date Form Received: <u>11/5/24</u>	Meter Read Date to use for Water Leak Credit Evaluation: <u>8/10, 9/10, 10/10/24</u>	If Credit Granted, Utility Bill Anticipated to Show the Credit Amount:
Estimated leak period based on consumption history (attach service history):	<u>9/1/24 - 10/1/24</u>	
Estimated normal billing during leak period: <u>265.45</u>	Leak month billing:	<u>362.35</u>
Past average normal billing in same billing cycle (or est avg billing if less than 1 yr of svc):	<u>(265.45)</u>	
<small>(NOTE: if estimating average consumption, attach calculation documentation)</small>		
Estimated leak billing of the leak billing period divided by 2=	<u>9690/2 = 4845</u>	
Leak gallons vs. normal usage gallons:	<u>111,000 vs 77,000</u> <small>NOV 10 5 2024</small>	
Calculated water leak credit amount:	<u>BY: 48.45</u>	
Reviewer's Initials: <u>DC</u>	Approver's Initials:	<input type="checkbox"/> Credit Granted
		<input type="checkbox"/> Credit Denied
		GAWSA 3
		If Leak Credit Granted: Date Applied: _____ Initials: _____

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

BOARD DIRECTORS PRESENT:

Tracey Parker, Chair
Brenda Kingry, Treasurer
Steve Lusch, Secretary
Tom Fullbright

BOARD DIRECTORS ABSENT:

Carolyn White

GAWSA STAFF PRESENT:

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

ALSO PRESENT:

N/A

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

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:

Janae Brand: \$49.87
Mindy Hunt: \$58.43
Barbara Brice: \$146.78

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

Director Brenda Kingry made a motion to approve the October regular board meeting minutes and accounts payable. Director Fullbright seconded the motion. The motion passed unanimously.

General Manager David Campos presented his report to the Board. David provided an update on the SDAO Consulting Services new engineer selection. After the committee evaluated proposals submitted by four engineering firms, the top-ranking firm was The Dyer Partnership Engineers and Planners, Inc. (Dyer) David requested Board approval to enter into contract with Dyer and issue a Notice to Proceed. Director Lusch made a motion to approve of GAWSA staff entering into contract with Dyer and issuing the Notice to Proceed. Director Kingry seconded the motion. The motion passed unanimously.

David reminded the Board of a previous discussion that Douglas County would like to resume discharging leachate from the landfill to our collection system. David spoke with a representative from Douglas County, and both parties agreed that establishing a new agreement based of the original agreement between Green Sanitary District and Douglas County would be the best approach, with the cost terms remaining unchanged initially. David informed the Board that we are awaiting a new

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

agreement drafted by County Counsel. After discussion, the Board decided to wait for the new agreement to take any action.

David informed the Board that, upon its approval from the prior meeting to pursue the purchase of property for sale which sits adjacent to the G4 Pumpstation, he ordered an appraisal on the property. Based on the appraised value of \$329,000, David submitted an offer of \$330,000 plus closing costs. The seller accepted the offer, and escrow is set to close on November 18. To facilitate the funding of the property purchase, David presented Resolution 2024-11-01, a resolution for a budget transfer of \$100,000 from the Sanitary General Fund to the Collection System Improvement Fund. Director Fullbright made a motion to adopt Resolution 2024-11-01, making a \$100,000 budgetary transfer from the Sanitary General Fund to the Collection System Improvement Fund. Director Lusch seconded motion. The motion passed unanimously.

David informed the Board that, due to ADA Accessibility regulations coming into effect in 2026, the office staff will have to make changes to the format of documents posted on the Authority's website. The Authority will upgrade its plan in the upcoming year to include compliance assistance and indemnification against any potential litigation regarding the accessibility requirements. A short discussion followed.

Shannon Miller delivered the sanitary collections system report. Shannon stated that the new pump at G4 Pumpstation is running great. Board Chair Parker asked how old the other existing pump was. Shannon replied that there are two other pumps, which were built between 12 and 15 years ago.

Operations Manager Alan Paulson delivered the water operations report. Alan stated that the Authority's water loss on the drinking water side came out high this last month. Staff believes the variance could be due to a math error, but it is being investigated.

Alan reported that the new filter membranes are scheduled to be delivered tomorrow, but installation will not occur until approval is given by the Oregon Health Authority.

Director Fullbright made a motion to adjourn the meeting. Director Kingry seconded the motion. The motion passed unanimously, and the meeting was adjourned the meeting at 5:42pm.

Board Member

Tracey Parker, Board Chair

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

November 2024

Type	Date	Num	Name	Memo	Debit	Credit	Balance
506-1 · Health Ins Benefits- WA							
Check	11/14/2024	11722	SDIS	Dec health and supplemental ins premiums	4,752.76		4,752.76
Total 506-1 · Health Ins Benefits- WA					4,752.76	0.00	4,752.76
506-2 · Health Ins Benefits - SA							
Check	11/14/2024	11722	SDIS	Dec health and supplemental ins premiums	4,752.76		4,752.76
Total 506-2 · Health Ins Benefits - SA					4,752.76	0.00	4,752.76
512-1 · Legal Fees - WAdmin							
Check	11/06/2024	11707	NORTHWEST LOCAL GOVERNMENT LEGAL...	Inv #13836 / review and revise draft engineering RFP	342.00		342.00
Check	11/06/2024	11707	NORTHWEST LOCAL GOVERNMENT LEGAL...	Inv #13852 / review and consult on proposed engineering contract changes	171.00		513.00
Total 512-1 · Legal Fees - WAdmin					513.00	0.00	513.00
512-2 · Legal Fees - SAdmin							
Check	11/06/2024	11707	NORTHWEST LOCAL GOVERNMENT LEGAL...	Inv #13836 / review and revise draft engineering RFP	342.00		342.00
Check	11/06/2024	11707	NORTHWEST LOCAL GOVERNMENT LEGAL...	Inv #13852 / consult for real estate purchse and draft purchase agreement	1,482.00		1,824.00
Total 512-2 · Legal Fees - SAdmin					1,824.00	0.00	1,824.00
515-1 · Office Supplies - WA							
Check	11/14/2024	11715	CANON SOLUTIONS AMERICA, INC.	Inv #6009675830 / Admin office copier maintenance 9/20 - 10/19	30.49		30.49
Check	11/20/2024	11738	QUILL	Inv #41177904 / binder clips, scotch tape, mech pencils, coffee kcups	92.78		123.27
Total 515-1 · Office Supplies - WA					123.27	0.00	123.27
515-2 · Office Supplies - SA							
Check	11/05/2024	11695	CANON SOLUTIONS AMERICA, INC.	Inv #6009402955 / Sewer office copier maintenance 8/27 - 9/26	52.18		52.18
Check	11/14/2024	11715	CANON SOLUTIONS AMERICA, INC.	Inv #6009675830 / Admin office copier maintenance 9/20 - 10/19	30.49		82.67
Check	11/20/2024	11738	QUILL	Inv #41177904 / binder clips, scotch tape, mech pencils, coffee kcups	92.77		175.44
Check	11/20/2024	11738	QUILL	Inv #41180003 / Barista Prima coffee kcup	114.54		289.98
Check	11/20/2024	11740	STAPLES CONTRACT	Inv #7002758187 / hand soap, Logitech wireless mouse and keyboard	35.64		325.62
Total 515-2 · Office Supplies - SA					325.62	0.00	325.62
516-1 · Communication & IT							
Check	11/05/2024	11699	DOUGLAS FAST NET	Water office phone/fax/internet - October	147.95		147.95
Check	11/14/2024	11725	SYSTECH CONSULTING, LLC	Inv #16531 / Managed service plan - Sept	465.00		612.95
Paycheck	11/29/2024	DD2103	Campos, David M	Direct Deposit	50.00		662.95
Total 516-1 · Communication & IT					662.95	0.00	662.95
516-2 · Communication & IT - S							
Check	11/05/2024	11699	DOUGLAS FAST NET	Sewer office phone/fax/internet - October	296.55		296.55
Check	11/14/2024	11725	SYSTECH CONSULTING, LLC	Inv #16531 / Managed service plan - Sept	465.00		761.55
Total 516-2 · Communication & IT - S					761.55	0.00	761.55
517-1 · Utilities- WA							
Check	11/05/2024	11692	AVISTA UTILITIES	Natural gas service water office 9/23 - 10/22	20.28		20.28
Check	11/07/2024	11709	PACIFIC POWER	Water office electricity 8/30 - 10/1	217.18		237.46
Total 517-1 · Utilities- WA					237.46	0.00	237.46
517-2 · Utilities- SA							
Check	11/05/2024	11692	AVISTA UTILITIES	Natural gas service sewer office 9/23 - 10/22	19.00		19.00
Check	11/07/2024	11709	PACIFIC POWER	Sewer office electricity 8/30 - 10/1	293.30		312.30
Total 517-2 · Utilities- SA					312.30	0.00	312.30
518-1 · R & M Office - WA							
Check	11/06/2024	11706	LONG'S BUILDING SUPPLY	Inv #394546 / PO 18575 / toilet supply line for office	7.99		7.99
Check	11/14/2024	11719	OREGON LINEN	Inv #1151372 / Rug service water office	73.40		81.39
Check	11/14/2024	11729	YAEGER'S PLUMBING, INC.	Inv #35867 / Admin office water heater replacement - bathroom	272.30		353.69
Total 518-1 · R & M Office - WA					353.69	0.00	353.69

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

November 2024

Type	Date	Num	Name	Memo	Debit	Credit	Balance
518-2 · R & M Office - SA							
Check	11/14/2024	11723	STAPEL PEST SOLUTIONS	Inv #124932 / October pest control - sewer office	45.00		45.00
Check	11/14/2024	11729	YAEGER'S PLUMBING, INC.	Inv #35867 / Admin office water heater replacement - bathroom	272.30		317.30
Total 518-2 · R & M Office - SA					317.30	0.00	317.30
520-1 · Liability/Auto Insurance - WA							
Check	11/20/2024	11739	SDIS	Deductible reimburse - Claim VAAL 2024074568	500.00		500.00
Total 520-1 · Liability/Auto Insurance - WA					500.00	0.00	500.00
523-1 · Dues & Subscriptions - WA							
Check	11/14/2024	11720	SPECIAL DISTRICTS ASSOCIATION OF ORE...	SDAO 2025 Membership Dues - water	2,213.50		2,213.50
Check	11/19/2024	11737	ENGINEERING NEWS-RECORD	Acct: 1111324470 / 1 yr digital membership renewal	50.00		2,263.50
Total 523-1 · Dues & Subscriptions - WA					2,263.50	0.00	2,263.50
523-2 · Dues & Subscriptions - SA							
Check	11/14/2024	11720	SPECIAL DISTRICTS ASSOCIATION OF ORE...	SDAO 2025 Membership Dues - sewer	2,213.50		2,213.50
Check	11/19/2024	11737	ENGINEERING NEWS-RECORD	Acct: 1111324470 / 1 yr digital membership renewal	49.99		2,263.49
Total 523-2 · Dues & Subscriptions - SA					2,263.49	0.00	2,263.49
525-1 · Misc. Expense - WA							
Check	11/06/2024	11706	LONG'S BUILDING SUPPLY	Inv #FC1444 / finance charge	5.00		5.00
Check	11/06/2024	11707	NORTHWEST LOCAL GOVERNMENT LEGAL...	Interest charge	5.40		10.40
Total 525-1 · Misc. Expense - WA					10.40	0.00	10.40
526-2 · Rental Property Maintenance							
Check	11/05/2024	11701	DOUGLAS COUNTY TAX COLLECTOR	R38753 / 828 Harmony property taxes / 24-25	2,252.90		2,252.90
Check	11/07/2024	11709	PACIFIC POWER	Holgate rental electricity 9/3 - 10/2	60.62		2,313.52
Check	11/07/2024	11709	PACIFIC POWER	Harmony rental electricity 9/3 - 10/2	19.45		2,332.97
Total 526-2 · Rental Property Maintenance					2,332.97	0.00	2,332.97
530-1 · Utility Mgmt Solution/CWP - WA							
Check	11/05/2024	11697	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #INVC-10367 / Customer Web Portal annual service	1,000.00		1,000.00
Total 530-1 · Utility Mgmt Solution/CWP - WA					1,000.00	0.00	1,000.00
530-2 · Utility Mgmt Solution/CWP - SA							
Check	11/05/2024	11697	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #INVC-10367 / Customer Web Portal annual service	1,000.00		1,000.00
Total 530-2 · Utility Mgmt Solution/CWP - SA					1,000.00	0.00	1,000.00
532-1 · IVR System Costs - WA							
Check	11/05/2024	11697	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv # T10639 / August IVR tx and maintenance fees	54.35		54.35
Total 532-1 · IVR System Costs - WA					54.35	0.00	54.35
532-2 · IVR System Costs - SA							
Check	11/05/2024	11697	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv # T10639 / August IVR tx and maintenance fees	54.35		54.35
Total 532-2 · IVR System Costs - SA					54.35	0.00	54.35
533-1 · Merchant Service Fees - WA							
Check	11/05/2024	11697	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv # T10298 / ACH, ECK verification fees	7.70		7.70
Check	11/05/2024	11697	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #T10732 / Merchant service fees - September	1,094.08		1,101.78
Check	11/05/2024	11697	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv # T10764 / ACH, ECK verification fees	8.10		1,109.88
Check	11/19/2024	11736	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv # T11292 / Merchant service fees - October	1,023.57		2,133.45
Total 533-1 · Merchant Service Fees - WA					2,133.45	0.00	2,133.45

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

November 2024

Type	Date	Num	Name	Memo	Debit	Credit	Balance
533-2 · Merchant Service Fees - SA							
Check	11/05/2024	11697	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv # T10298 / ACH, ECK verification fees	7.70		7.70
Check	11/05/2024	11697	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #T10732 / Merchant service fees - September	1,094.08		1,101.78
Check	11/05/2024	11697	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv # T10764 / ACH, ECK verification fees	8.10		1,109.88
Check	11/19/2024	11736	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv # T11292 / Merchant service fees - October	1,023.58		2,133.46
Total 533-2 · Merchant Service Fees - SA					2,133.46	0.00	2,133.46
535-1 · Contract Services - Meter Reads							
Check	11/14/2024	11718	METEREADERS, LLC	Inv #11478 / October meter readings	2,548.80		2,548.80
Total 535-1 · Contract Services - Meter Reads					2,548.80	0.00	2,548.80
606-1 · Health Ins. Benefits - WO							
Check	11/14/2024	11722	SDIS	Dec health and supplemental ins premiums	13,078.34		13,078.34
Total 606-1 · Health Ins. Benefits - WO					13,078.34	0.00	13,078.34
606-2 · Health Ins. Benefits - SO							
Check	11/14/2024	11722	SDIS	Dec health and supplemental ins premiums	6,489.70		6,489.70
Total 606-2 · Health Ins. Benefits - SO					6,489.70	0.00	6,489.70
610-1 · Vehicle/Equipment O & M - WO							
Check	11/05/2024	11693	BASSETT-HYLAND ENERGY	Inv #CL29021 / trucks and equipment fuel 9/16 - 9/30	206.36		206.36
Check	11/05/2024	11693	BASSETT-HYLAND ENERGY	Inv #CL29416 / trucks and equipment fuel 10/1 - 10/15	303.42		509.78
Check	11/05/2024	11693	BASSETT-HYLAND ENERGY	Inv #CL29823 / trucks and equipment fuel 10/16 - 10/31	232.35		742.13
Check	11/05/2024	11698	DOUGLAS CO. FARMERS CO-OP	Inv #67351 / PO 18579 / Vac trailer repair	7.00		749.13
Check	11/05/2024	11700	DITCH WITCH WEST	Inv #924789 / PO 18574 / Vac trailer belts	373.74		1,122.87
Check	11/05/2024	11705	INDUSTRIAL TIRE SERVICE	Inv #130093903 / PO 18577 / backhoe tire repair	47.37		1,170.24
Total 610-1 · Vehicle/Equipment O & M - WO					1,170.24	0.00	1,170.24
610-2 · Vehicle/Equipment O & M - SO							
Check	11/05/2024	11693	BASSETT-HYLAND ENERGY	Inv #CL29021 / trucks and equipment fuel 9/16 - 9/30	126.12		126.12
Check	11/05/2024	11693	BASSETT-HYLAND ENERGY	Inv #CL29416 / trucks and equipment fuel 10/1 - 10/15	352.74		478.86
Check	11/05/2024	11693	BASSETT-HYLAND ENERGY	Inv #CL29823 / trucks and equipment fuel 10/16 - 10/31	217.08		695.94
Check	11/05/2024	11694	BENTLEY WELDING, INC.	Inv. #69165 / PO 18580 / 8" Vac tube for Camel	1,358.00		2,053.94
Check	11/14/2024	11714	CHUCK SWARM & FAMILY AUTO REPAIR	Inv #29131 / PO 18601 / oil change service 2016 Chevrolet service truck	91.43		2,145.37
Total 610-2 · Vehicle/Equipment O & M - SO					2,145.37	0.00	2,145.37
611-1 · Dues/Fees/Subscriptions- WO							
Check	11/06/2024	11708	ONE CALL CONCEPTS, INC.	Inv #4100702 / October locate tickets	25.33		25.33
Check	11/25/2024	11742	BIO-MED TESTING SERVICES	Inv #110371/ DOT testing JM F881542576	66.00		91.33
Total 611-1 · Dues/Fees/Subscriptions- WO					91.33	0.00	91.33
611-2 · Dues/Fees/Subscriptions- SO							
Check	11/06/2024	11708	ONE CALL CONCEPTS, INC.	Inv #4100702 / October locate tickets	25.33		25.33
Check	11/25/2024	11743	OREGON ACWA	Inv #8765 / 2024 Membership dues	415.00		440.33
Total 611-2 · Dues/Fees/Subscriptions- SO					440.33	0.00	440.33
612-1 · Communication & IT - Ops							
Check	11/05/2024	11699	DOUGLAS FAST NET	Carnes shop internet - October	86.39		86.39
Check	11/05/2024	11699	DOUGLAS FAST NET	WTP phone/fax/internet/alarm line - October	133.28		219.67
Check	11/07/2024	11712	VERIZON WIRELESS	Inv #9976713786 / tablet line	48.66		268.33
Paycheck	11/29/2024	DD2104	Carlson, Trev W	Direct Deposit	50.00		318.33
Paycheck	11/29/2024	DD2108	Hope, Will T	Direct Deposit	50.00		368.33
Paycheck	11/29/2024	DD2109	Manson, Joshua T.	Direct Deposit	50.00		418.33
Paycheck	11/29/2024	DD2111	Paulson, Alan D.	Direct Deposit	50.00		468.33
Paycheck	11/29/2024	DD2112	Radford, Daniel L.	Direct Deposit	50.00		518.33
Paycheck	11/29/2024	DD2114	Wolford, Jeremy J.	Direct Deposit	50.00		568.33
Total 612-1 · Communication & IT - Ops					568.33	0.00	568.33

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

November 2024

Type	Date	Num	Name	Memo	Debit	Credit	Balance
612-2 · Communication & IT - SO							
Check	11/07/2024	11712	VERIZON WIRELESS	Inv #9976713786 / second tablet line	23.67		23.67
Paycheck	11/29/2024	DD2105	Chasteen, Matthew S.	Direct Deposit	50.00		73.67
Paycheck	11/29/2024	DD2110	Miller, Shannon L.	Direct Deposit	50.00		123.67
Total 612-2 · Communication & IT - SO					123.67	0.00	123.67
613-1 · Travel & Training - WO							
Check	11/05/2024	11691	ARCADIA TRAINING & CONSULTING, LLC	Inv #24-020 / PO 18584 / Asbestos worker refresher class - WH, DR, AP	915.00		915.00
Total 613-1 · Travel & Training - WO					915.00	0.00	915.00
613-2 · Travel & Training - SO							
Check	11/05/2024	11691	ARCADIA TRAINING & CONSULTING, LLC	Inv #24-020 / PO 18584 / Asbestos worker refresher class - MC, SM, AP	915.00		915.00
Total 613-2 · Travel & Training - SO					915.00	0.00	915.00
615-1 · Misc Expense - WO							
Check	11/05/2024	11693	BASSETT-HYLAND ENERGY	Inv #OCT0074-FC / finance charge	4.99		4.99
Check	11/05/2024	11701	DOUGLAS COUNTY TAX COLLECTOR	R119124 / 500 Speedway Rd. property taxes / 24-45	64.27		69.26
Check	11/05/2024	11701	DOUGLAS COUNTY TAX COLLECTOR	R22057 / 2960 Old Hwy 99 S. property taxes / 24-25	18.19		87.45
Check	11/05/2024	11701	DOUGLAS COUNTY TAX COLLECTOR	R38513 / 5585 Grange Rd property taxes / 24-25	64.27		151.72
Check	11/14/2024	11726	UMPQUA QUARRIES, LLC	Umpqua Quarries - service charge	10.09		161.81
Total 615-1 · Misc Expense - WO					161.81	0.00	161.81
615-2 · Misc Expense - SO							
Check	11/05/2024	11701	DOUGLAS COUNTY TAX COLLECTOR	R34889 / 0 Old Hwy 99 S property taxes / 24-25	31.53		31.53
Total 615-2 · Misc Expense - SO					31.53	0.00	31.53
620-1 · R & M Water Distribution							
Check	11/05/2024	11702	FERGUSON WATERWORKS #3011	Inv #1287421 / PO 18581 / Knife river meter retrofit parts	483.17		483.17
Check	11/14/2024	11717	LONG'S BUILDING SUPPLY	Inv #396045 / PO 18592 / redimix for driveway repair	35.05		518.22
Check	11/14/2024	11724	STRATTON BROS. INC.	Inv #2024-192 / PO 18600 / asphalt patching - 314 Corona Lp, 150 Char, 2164 Del Mar, 2194 Landers	2,414.00		2,932.22
Total 620-1 · R & M Water Distribution					2,932.22	0.00	2,932.22
621-1 · R & M - Dist Shop							
Check	11/14/2024	11728	WINSTON SANITARY SERVICE	Inv #320539 / 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	11/05/2024	11698	DOUGLAS CO. FARMERS CO-OP	Inv #67121 / PO 18566 / electrical tape	14.32		14.32
Check	11/05/2024	11698	DOUGLAS CO. FARMERS CO-OP	Inv #67507 / PO 18591 / bar oil and fuel mix for chainsaw	76.97		91.29
Total 622-1 · Tools & Supplies - Distribution					91.29	0.00	91.29
624-1 · Utilities - Water Dist WO							
Check	11/05/2024	11692	AVISTA UTILITIES	Natural gas service Highland PS 9/23 - 10/22	23.38		23.38
Check	11/05/2024	11692	AVISTA UTILITIES	Natural gas service Carnes Shop 9/23 - 10/22	43.15		66.53
Check	11/07/2024	11709	PACIFIC POWER	Tipton PS/Roseburg intertie electricity 9/12 - 10/11	84.42		150.95
Check	11/07/2024	11709	PACIFIC POWER	Carnes shop electricity 8/30 - 10/1	177.49		328.44
Check	11/07/2024	11709	PACIFIC POWER	Highland Vista PS electricity 8/30 - 10/1	384.59		713.03
Check	11/07/2024	11709	PACIFIC POWER	Glengary PS electricity 9/3 - 10/2	42.26		755.29
Total 624-1 · Utilities - Water Dist WO					755.29	0.00	755.29
626-1 · Water Samples - WO							
Check	11/14/2024	11727	UMPQUA RESEARCH	Inv #M076490 / 8 coliforms tests	212.00		212.00
Check	11/14/2024	11727	UMPQUA RESEARCH	Inv #M076545 / 1 Alkalinity, 2 TOC tests	154.60		366.60
Total 626-1 · Water Samples - WO					366.60	0.00	366.60
627-1 · Backflow Tests- WO							
Check	11/07/2024	11710	POPEYE'S PUMP & BACKFLOW	Inv #20301 / 9 non-comp backflow tests	540.00		540.00
Total 627-1 · Backflow Tests- WO					540.00	0.00	540.00

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

November 2024

Type	Date	Num	Name	Memo	Debit	Credit	Balance
628-1 · Inventory Adjustment W							
Check	11/05/2024	11702	FERGUSON WATERWORKS #3011	Inv #1285827 / PO 18576 / 20 Qty inline customer svc valves	2,257.60		2,257.60
Check	11/05/2024	11702	FERGUSON WATERWORKS #3011	Inv #1289619 / PO 18593 / 9 Qty 3/4" angle meter stops	1,240.16		3,497.76
Check	11/05/2024	11704	CORIX WATER PRODUCTS, INC.	Inv #U2416045906 / PO 18590 / Traffic boxes	1,202.94		4,700.70
Check	11/07/2024	11711	ROCK-IT MAN TRUCKING	Inv #886738 / PO 18582 / Rock haul for inventory 3.1 hrs	372.00		5,072.70
Check	11/14/2024	11726	UMPQUA QUARRIES, LLC	Inv #77190 / PO 18583 / crushed rock inventory	316.05		5,388.75
Check	11/14/2024	11726	UMPQUA QUARRIES, LLC	Inv #77249 / PO 18586 / crushed rock inventory	335.16		5,723.91
Total 628-1 · Inventory Adjustment W					5,723.91	0.00	5,723.91
642-2 · Tools & Supplies - SO							
Check	11/05/2024	11704	CORIX WATER PRODUCTS, INC.	Inv #U2416043513 / PO 18572 / marking paint, pvc parts, corp twist-tie plugs	665.19		665.19
Check	11/05/2024	11704	CORIX WATER PRODUCTS, INC.	Inv #U2416045193 / PO 18588 / Sch 80 union, D3034 pipe, couplings, valve box, pvc cement	1,319.60		1,984.79
Check	11/05/2024	11704	CORIX WATER PRODUCTS, INC.	Inv #U2416045905 / PO 18589 / Seal boots	141.21		2,126.00
Check	11/06/2024	11706	LONG'S BUILDING SUPPLY	Inv #394862 / PO 185467 / paint for boom on Camel	20.97		2,146.97
Check	11/14/2024	11721	ROCK-IT MAN TRUCKING	Inv #886748 / PO 18598 / Rock haul 27.33 tons for Sanitary Shop	200.00		2,346.97
Total 642-2 · Tools & Supplies - SO					2,346.97	0.00	2,346.97
647-2 · G4 Pumpstation - SO							
Check	11/05/2024	11699	DOUGLAS FAST NET	G4 pumpstation alarm line - October	15.05		15.05
Check	11/05/2024	11704	CORIX WATER PRODUCTS, INC.	Inv #U2416045127 / PO 18587 / filler flange fitting for new G4 pump	472.69		487.74
Check	11/07/2024	11709	PACIFIC POWER	G4 PS electricity 8/30 - 10/1	1,647.20		2,134.94
Total 647-2 · G4 Pumpstation - SO					2,134.94	0.00	2,134.94
648-2 · O&M Pumpstations - SO							
Check	11/05/2024	11703	H.D. FOWLER COMPANY	Inv #16842857 / PO 18568 / 2 Sewage pumps for Rising River PS	2,466.00		2,466.00
Check	11/07/2024	11709	PACIFIC POWER	Oak Creek PS electricity 8/30 - 10/1	61.28		2,527.28
Check	11/07/2024	11709	PACIFIC POWER	Briarwood PS electricity 8/30 - 10/1	27.70		2,554.98
Total 648-2 · O&M Pumpstations - SO					2,554.98	0.00	2,554.98
700-1 · WTP R & M							
Check	11/05/2024	11698	DOUGLAS CO. FARMERS CO-OP	Inv #67335 / PO 18578 / PVC parts for WTP	47.31		47.31
Check	11/20/2024	11741	USA BLUE BOOK	Inv #INV00506237 / PO 18585 / Back pressure valve	438.11		485.42
Total 700-1 · WTP R & M					485.42	0.00	485.42
701-1 · WTP Tools & Supplies							
Check	11/05/2024	11698	DOUGLAS CO. FARMERS CO-OP	Inv #67228 / PO 18569 / wire connectors	15.78		15.78
Check	11/14/2024	11715	CANON SOLUTIONS AMERICA, INC.	Inv #6009675830 / WTP copier maintenance 9/20 - 10/19	7.92		23.70
Check	11/20/2024	11741	USA BLUE BOOK	Inv #INV00506237 / PO 18585 / safety wash plastic bottles	66.00		89.70
Total 701-1 · WTP Tools & Supplies					89.70	0.00	89.70
702-1 · WTP Utilities							
Check	11/07/2024	11709	PACIFIC POWER	WTP electricity 8/30 - 10/1	14,148.51		14,148.51
Total 702-1 · WTP Utilities					14,148.51	0.00	14,148.51
712-2 · O&M Regional WWTP							
Check	11/05/2024	11696	CITY OF WINSTON	WWTP Personal services - July 2024	24,297.99		24,297.99
Check	11/14/2024	11716	CITY OF WINSTON	WWTP Personal services + materials/services - Aug 2024	46,877.99		71,175.98
Total 712-2 · O&M Regional WWTP					71,175.98	0.00	71,175.98
TOTAL					160,802.14	0.00	160,802.14

GREEN AREA WATER & SANITARY AUTHORITY
GENERAL MANAGER'S REPORT
December 12, 2024

Douglas County Leachate Conveyance

As discussed at November's meeting, we have received an Intergovernmental Agreement from Douglas County for Leachate Conveyance. Under the agreement, the County will deliver leachate to our North Ingram Manhole. The County will pay GAWSA \$.0065 per gallon of leachate delivered. We recommend approval of the IGA.

Douglas County Nearmap IGA

I have included an Intergovernmental Agreement from Douglas County for aerial imagery for our GIS mapping. The IGA states GAWSA will pay the County \$1,253.28 for the Nearmap, which represents GAWSA's portion of the County's cost. This is a very reasonable cost for the benefit we receive in the utilization of our GIS.

Resolution 2024-12-01 Public Meetings Policy

I will present a public meetings policy to be adopted by the Board via Resolution 2024-12-01. Adoption of a formal public meeting policy is a prerequisite to earn 2% credit from our property/liability insurance premiums.

2025 Insurance Renewal

I will be meeting with Umpqua Insurance next week to review our policy renewal.

LEACHATE CONVEYANCE AGREEMENT
CONTRACT NO. _____

THIS AGREEMENT (“IGA” or “this agreement”) is made and entered into this ____ day of _____ 20____, by and between DOUGLAS COUNTY, a political subdivision of the State of Oregon (“County”), and GREEN AREA WATER & SANITARY AUTHORITY (“Authority”).

RECITALS:

County needs to have leachate generated at the landfill conveyed to the Winston-Green Wastewater Treatment Facility (“WG plant”) for treatment. Authority is willing to allow County to use its lines and other facilities (“GAWSA facilities”) to transport leachate to the WG plant, on the terms and conditions memorialized herein.

1 COUNTY’S OBLIGATIONS:

1.1 County will deliver leachate from the landfill to Authority’s North Ingram manhole by trucking such leachate to the manhole.

1.2 Odor issues will be addressed by the County.

1.3 County shall have an alternate plan to convey the leachate to the WG plant upon notification by the Authority.

1.4 County shall pay the Authority \$.0065 per gallon of leachate disposed into GAWSA Facilities.

1.5 County may begin using Authority’s North Ingram manhole as soon as gravel has been spread around the manhole.

1.6 This IGA does not affect or amend the agreement between County, Authority, and the City of Winston for leachate treatment at the WG plant.

1.7 County will measure the quantity of leachate delivered to GAWSA Facilities using flow meters.

1.8 County will record each load of leachate as to quantity, pH, and date and provide such data to the Authority within 10 days of delivery.

1.9 County will provide a monthly accounting and certification of any leachate which is delivered to GAWSA Facilities on a non-hazardous waste manifest for each load of leachate that is delivered. The manifest shall include the following information: date, what hauled, quantity hauled, pH of load, name and signature of person loading truck, name and signature of person delivering waste, and specific location where waste discharged.

2 AUTHORITY'S OBLIGATIONS: Authority shall accept leachate under this IGA and shall convey it to the WG plant.

3 TERM:

3.1 The initial term of this agreement shall commence when signed by both parties and shall continue through _____.

3.2 The parties may extend the term of this agreement annually. An extension shall be effected by written memorandum signed by authorized representatives of each party. Each extension shall begin on _____ and end on _____ of the following year. Any extension shall be on the same conditions as this agreement.

3.3 Unless the context clearly indicates otherwise, any references in this agreement to the term of the agreement shall be deemed to include the initial term and extensions.

3.4 Either party may terminate this agreement with 60 days written notice to the other party of its intention to do so.

4 PAYMENT:

4.1 The County shall make monthly payments to Authority for the services covered by this agreement. Payments shall be made within 30 days of the end of the billing period.

4.2 No payment shall be made under this agreement unless funds for that payment have been duly appropriated in accordance with ORS 294.305 et seq. (Local Budget Law). In the event no funds or insufficient funds to pay for the services are appropriated for subsequent fiscal years, the County shall immediately notify the Authority, and this agreement shall terminate on the last day of the fiscal year for which appropriations are made.

4.3 County shall not be obligated to make any payment under this agreement in violation of the debt limitation imposed by Article XI, Section 10 of the Oregon Constitution.

5 COMPLIANCE WITH LAW: This agreement will be governed by and construed in accordance with laws of the State of Oregon. Both parties shall promptly observe and comply with all present and future laws, orders, regulations, rules and ordinances of federal, state, and local governments with respect to the obligations covered by this agreement.

6 TORT CLAIMS: Each party to this agreement shall be responsible for its own negligence and other torts.

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7 COUNTY OFFICERS, AGENTS, AND EMPLOYEES: County officers, agents, and employees are prohibited from receiving any pecuniary or material benefit from the Authority in violation of ORS chapter 244 or the County's policy on employee ethics set forth in the County Personnel Rule 20.2. Authority shall not confer any appreciable pecuniary or material benefit on any officer, employee, or agent of the County during the term of this agreement.

8 DEFAULT:

8.1 There shall be a default under this agreement if any party fails to perform any act or obligation required by this agreement within fifteen days after the other party gives written notice specifying the breach. If the breach specified in the notice cannot be completely cured within the fifteen-day period, no default shall occur if the party receiving the notice begins compliance within the fifteen-day period and thereafter proceeds with reasonable diligence and in good faith to cure the breach as soon as practicable.

8.2 Notwithstanding subsection 8.1, any party may declare a default by written notice to the other parties, without allowing an opportunity to cure, if the other party repeatedly, materially breaches the terms of this agreement.

8.3 If a default occurs, before any party may bring an action in any court concerning any obligations under this agreement, such party must first seek in good faith to resolve the issue through negotiation, mediation, or through other non-binding alternative dispute resolution process.

8.4 If a default occurs and it is not resolved under subsection 8.3, the party injured by the default may elect to terminate this agreement and pursue any equitable or legal rights and remedies available under Oregon law. All remedies shall be cumulative.

8.5 Any litigation arising out of this agreement shall be conducted in Circuit Court of the State of Oregon for Douglas County.

9 AUTHORITY OF SOLID WASTE DIRECTOR: The Solid Waste Director of the Douglas County Solid Waste Division shall have the authority to represent the County on all matters concerning administration of this agreement. The Director may give notices under the agreement, interpret the provisions of the agreement, implement the policies of the County with respect to the agreement, and take any action authorized by the Board of County Commissioners. The Director may approve extensions of the term of this agreement.

10 AUTHORITY OF GREEN AREA WATER & SANITARY AUTHORITY: Authority's board of directors or designee shall have the authority to represent the Authority on all matters concerning administration of this agreement.

11 NOTICES:

11.1 Any notice required to be given under this agreement shall be in writing and shall be given by personal delivery, mail, or email transmission. Any notice required to be given by law, shall be given in the manner specified by the applicable law.

11.2 Notices to County shall be mailed to: Douglas County Solid Waste Division, Douglas County Courthouse, Room 308, 1036 S. E. Douglas Ave, Roseburg, Oregon 97470.

11.3 Notices to the Authority shall be directed to: Green Area Water & Sanitary Authority, 3879 Old Highway 99 S, Roseburg, OR 97471.

12 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, whether express or implied, shall not constitute waiver of any other breach.

13 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.

14 ENTIRE AGREEMENT: This agreement and the exhibits incorporated in this agreement constitute the entire and final agreement between the parties. This agreement may be changed only by written amendments or modifications that are signed by both parties.

GREEN AREA WATER & SANITARY AUTHORITY

By _____

Print Name _____

Title _____

Fed ID# _____

Date _____

Attested By _____

Title _____

DOUGLAS COUNTY BOARD OF COMMISSIONERS

By _____
Chair

By _____
Commissioner

By _____
Commissioner

Date _____

REVIEWED AS TO CONTENT

By _____
Director of Solid Waste

Date _____

REVIEWED AS TO FORM

By _____
Office of County Counsel

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 & 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 \$ 1253.28 to COUNTY as its financial contribution for its respective portion of the Nearmap purchase. AGENCY shall make payment no later than April 1, 2025.
- 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 _____

Green Area Water & Sanitary Authority Transaction List - Summary

Sort order: Customer No.

From: 11/1/2024 Through: 11/30/2024

Limited to :

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

Deposits Transaction Types:

Transaction Type	Applies To	Transaction Amount
Delinquency	Water Penalty	\$2,415.00
	Service Charge Interest	\$700.00
	Service Charge Penalty	\$125.00
	Service Charge Shutoff	\$100.00
	Sewer Interest	\$60.00
	Sewer Penalty	\$105.00
		\$3,505.00
Misc Chrg.	Water (DHF)	\$40.00
	Miscellaneous (BF)	\$225.00
	Miscellaneous (SOL)	\$25.00
	Service Charge (AF)	\$175.00
		\$465.00
Grand Total:		\$3,970.00

Green Area Water & Sanitary Authority
Customer Payment History - Summary

Sort Order : Payment Source

From: 11/1/2024 Through: 11/30/2024

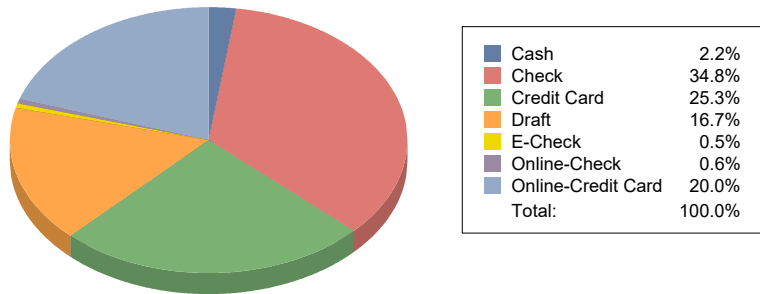
Payment Method	Quantity	Payment Amount
Cash	66	\$5,519.06
Check	1,056	\$114,089.59
Credit Card	768	\$68,381.51
Draft	506	\$51,432.99
E-Check	15	\$1,575.10
Online-Check	17	\$1,336.60
Online-Credit Card	607	\$54,273.34

Summary totals do not include reversed/transferred payments.

Service	Trans. Amount
Miscellaneous	\$(7,866.86)
Second Level Charge	\$(780.00)
Service Charge	\$(77,826.22)
Sewer	\$(117,536.60)
Water	\$(92,598.51)
Totals	\$(296,608.19)

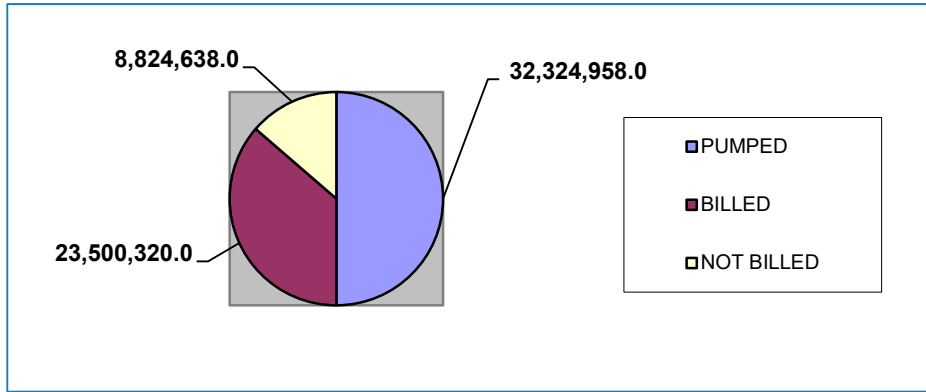
Payment Method	Quantity	Payment Amount
Payment Source		
Amount		
Autopay		
Credit Card		\$(46,545.09)
Draft		\$(51,432.99)
		\$(97,978.08)
Customer Portal		
Online-Check		\$(1,336.60)
Online-Credit Card		\$(54,273.34)
		\$(55,609.94)
IVR		
Credit Card		\$(3,073.34)
E-Check		\$(618.25)
		\$(3,691.59)
Lockbox		
Check		\$(97,017.84)
		\$(97,017.84)
Manual		
Cash		\$(5,519.06)
Check		\$(17,071.75)
Credit Card		\$(18,763.08)
E-Check		\$(956.85)
		\$(42,310.74)
Totals		\$(296,608.19)

Payment Breakdown



Gallons Consumed vs. Billed NOVEMBER 2024

GALLONS PUMPED	GALLONS BILLED	PUMPED BUT NOT BILLED	WATER LOSS PERCENTAGE
32,324,958	23,500,320	8,824,638	27.30%



30 DAYS IN BILLING CYCLE: 10/11/24-11/10/24
Repairs, leaks, etc. rendering unverifiable consumption

- 10/11/24: 2194 Landers Ave. - Replaced service line
- 10/29/24: 208 Ash St. - Replaced service
- 10/28/24: 1537 Roberts Creek Rd. - Repair 4" main
- 11/02/24: 518/593 Corona Loop - Repair leak
- 11/12/24: 4330 Coronado - Repair service
- 11/18/24: 2941 Hwy 99 S. - Repair 10" main

2022-2023	DIFFERENCE GALLONS	WATER LOSS %	2023-2024	DIFFERENCE GALLONS	WATER LOSS %	2024-2024	DIFFERENCE GALLONS	WATER LOSS %
JULY	7,208,464	16.69%	JULY	4,149,640	7.72%	JULY	1,144,673	2.29%
AUGUST	6,288,944	12.76%	AUGUST	3,632,880	6.61%	AUGUST	5,232,790	10.27%
SEPTEMBER	6,173,568	9.86%	SEPTEMBER	3,715,642	8.03%	SEPTEMBER	3,444,405	8.68%
OCTOBER	1,558,200	5.23%	OCTOBER	6,314,266	19.22%	OCTOBER	13,864,158	29.70%
NOVEMBER	3,277,798	11.61%	NOVEMBER	3,754,791	14.00%	NOVEMBER	8,824,638	27.30%
DECEMBER	4,326,723	16.82%	DECEMBER	3,705,892	16.51%	DECEMBER		
JANUARY	6,252,823	24.38%	JANUARY	5,977,210	21.07%	JANUARY		
FEBRUARY	6,565,010	25.03%	FEBRUARY	2,925,286	13.95%	FEBRUARY		
MARCH	4,405,826	17.32%	MARCH	1,771,076	7.89%	MARCH		
APRIL	8,807,537	31.45%	APRIL	5,873,172	22.55%	APRIL		
MAY	6,022,580	21.28%	MAY	4,852,563	16.39%	MAY		
JUNE	7,523,735	14.59%	JUNE	7,961,310	19.26%	JUNE		
AVERAGE LOSS:	5,700,934	17.25%	AVERAGE LOSS:	4,552,811	14.43%	AVERAGE LOSS:	6,502,133	15.65%

SANITARY OPERATIONS REPORT

December 12, 2024

Construction Projects

- 275 Grant Smith extension for commercial properties.
 - Nothing new to report.
- 550 East Happy Valley main extension, EGR engineering.
 - Installation complete, waiting on Manhole testing for finish grade.
- Tatone Harmony project, ie engineering, Umpqua S&G,
 - Construction to begin soon.

Collection System

- Manhole inspections project 'D' Basin, complete.
- TV annual project.
 - 'D' Basin, flushing and CCTV, complete.
- Updating GIS and AutoCAD with lateral location changes 'D' Basin map updates, underway.
- Manhole maintenance for I&I starting this month.

G4 and Pump Stations

- GAWSA Pump Stations ran well, with typical operation and maintenance.
- The replacement of Pump #1 at G4 is complete, running tests this week.
 - Pump 1 has been in operation for the month, running very smoothly.

Lateral Inspections & GIS

- 15 Inspections.
 - 5278 Grange, TV & GIS, I & I repair, bad construction, capped test T.
 - 187 Meadow Brook, TV & GIS update, I&I Repair, cleanout capped.
 - 2250 Austin, TV & GIS update, I&I repair.
 - 198 Sisters, TV & GIS.
 - 134, 135, 121, & 141 Peppertree, TV & GIS -1 I&I cleanout repair.
 - 266 & 300 Chandler, TV & GIS.
 - 5276 Grange, TV & GIS 1+07 and 1+09 Laterals.
 - 2119 Castle, TV & GIS, Bad I&I, 8 Root intrusions, offered pipe to repair, sounds willing.
 - 131 Kermanshah, TV & GIS.
 - 101 Brentridge, TV & GIS.
 - 141 Nehalem Loop, TV & GIS.

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
December 2024

The new membranes have arrived and are at the treatment plant. We are in the process of working with the Oregon Health Authority, to open a site review. Once approved the crew will install them.

We've had an issue with the way we view our SCADA remotely. Terry Nelson will be doing some work ASAP to help rectify the issue.

We are working on resolving an issue with the accuracy of the gallons pumped from the plant vs. water billed. We believe it's an issue with the data and not with leakage from the system. We will have an update soon.

The water line installation on Donald Trump Ln. is scheduled to start soon. Things are looking pretty standard for this project. Ben Tatone is also looking at developing a subdivision off of Brittany Ave.

We have submitted the lead survey of GAWSA to the Oregon Health Authority. It was returned to use to make some minor changes and clarifications.

We successfully sold three items through Gov Deals Auctions. A 2014 ½ ton service truck, 1986 Flusher Truck and our old Vac Trailer.

We have two staff members attending the OAWU Short School, December 9th thru 12th.

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 - November

November 1st

- Cleaned Wet Well
- Repaired Chlorine Tank # 3
- Turned off Effluent filters for the season
- Winterized backwash pumps
- Cole Industries onsite working on Boiler # 1
 - Tey replaced an actuator and set tuned the burner for efficiency
- Annual Inspections on aeration basin mixers
- Preventative Maintenance

November 8th

- Repair Failed on Chlorine tank # 3
 - Staff is looking into options
- Primary Clarifier # 1 Back Online
- Facility Grounds Maintenance
- Dump Run
- Clean Wet Well
- Cleaned Struvite build up around gravity belt thickener
- Cleaned Dissolved Oxygen Probes
- Prepped to turn on RBC's
- TAG on-board for possible VFD replacement on influent pump # 2 next week

November 15th

- Chlorine tank #3 leak fixed?!
- TAG onsite to install replacement VFD for influent pump # 2
 - Upon startup of Pump 2 there was a rag caught in the wear ring. Staff had to disassemble the pump to remove the rag
- RBC's Online
 - Flow has been added to the RBC's and the blowers turned on to promote growth
- De-chlorination chemical delivered
- Replaced lights in influent building
- Air flow switch on chlorine generation system stuck. Staff disassembled and clean

November 22nd

- Polymer Delivery
- Lots of Leachate being hauled from the county
- Transferred sludge around plant to accommodate higher flows
- Primary # 2 scum pit valve broken
 - This required staff to manually pump the vault and then climb in to make repairs
- Plant in wet weather mode
 - Peak flows @ 6.5 Million Gallons/ Day
- Repaired brine leak on Microchlor Chlorine System

Winston- Green WWTF

November 2024

General

1.) Plant Influent Flow (MG)	<u>2024</u>		<u>2023</u>	
<i>Winston</i>	28.71	47%	25.07	53%
<i>Green</i>	31.80	53%	22.56	47%
<i>Rainfall</i>	8.54		4.10	
<i>Chlorine (Gallons)</i>	16,545		17,095	
<i>Leachate(Gallons)</i>	1,837,000		896,500	

Bio-Solids

1.) Storing Bio-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.24	23.71	20.61	0.560	44.88	1.91
May.24	24.43	22.27	0.352	47.05	2.02
June.24	15.59	17.17	0.334	33.09	0.50
July.24	15.43	15.43	0.339	31.20	0.15
Aug.24	14.86	16.96	0.392	32.21	1.59
Sept.24	13.39	15.48	0.469	29.34	0.43
Oct.24	15.49	17.66	0.531	33.68	1.86
Nov.24	28.71	31.80	0.595	61.11	8.54
Dec.23	34.79	30.58	0.850	66.21	4.70
TOTAL	340.99	303.04	6.952	650.99	41.31
GREEN + LANDERS		309.99			
APPORTIONMENT	52.38%	47.62%			
			100%		



Staff Report

WWTF 24-04

Date: November 25, 2024

Prepared by: Christopher Sherlock

Title: **Aeration Blower Installation**

Background: The Aeration blower was purchased last budget year and is waiting to be installed. Installation is planning to be done this winter so that the blower is operational for next summer. This blower is for redundancy and will allow our current blower to be taken offline for maintenance. Staff received 2 quotes for installation. Staff attempted several times to procure a 3rd quote but did not hear back from any of the businesses that were contacted.

Bateson Enterprise: \$42,500
2KG Contractors: \$47,903.75

Recommendation: Staff recommends having the installation of the blower done by Bateson Enterprises.

Financial Impact: The total cost of the installation is \$42,500. The cost that Green Area Water and Sanitary Authority would incur is \$21,250, leaving The City of Winston responsible for the remainder \$21,250.

Winston-Green WWTF

November 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	1.991	7.6	250	178		7.6	19.8	2.0	99%	33	4.8	97%	80	0.05	778	51.9				0.77
2	1.856	7.4				7.7	19.5							0.06	765	51.0				0.17
3	1.581	7.5				7.7	19.6							0.07	558	37.2	<1			0.05
4	1.364	7.3	277	265	18.60	7.7	19.4	1.9	99%	22	2.6	99%	30	0.04	497	33.2	1.0			0.03
5	1.232	7.4				7.9	19.4							0.07	426	28.4				
6	1.223	7.5	293	299	25.20	7.8	19.1	1.8	99%	18	3.0	99%	31	0.04	412	27.5				0.01
7	1.153	7.4				7.8	19.1							0.05	406	27.1				
8	1.119	7.3	348	434		7.7	18.9	1.5	100%	14	3.0	99%	28	0.04	401	26.8				0.01
9	1.102	7.5				7.7	19.0							0.05	404	27.0				0.01
10	1.135	7.5				8.0	19.1							0.05	404	27.0	<1			0.03
11	1.360	7.5				7.9	19.0							0.07	424	28.3	12.2			0.40
12	1.262	7.2	378	385	28.90	7.7	18.6	3.6	99%	38	3.4	99%	36	0.05	416	27.8				0.03
13	2.195	7.2	301	285	22.50	7.6	18.4	2.2	99%	40	2.6	99%	48	0.04	497	33.2				1.27
14	2.623	7.5				7.6	17.8							0.03	537	35.8				0.50
15	1.857	7.5	179	235	15.30	7.4	17.8	3.4	98%	53	4.6	98%	71	0.02	468	31.2				0.01
16	1.714	7.6				7.8	17.5							0.06	456	30.4				0.25
17	3.137	7.5				7.7	17.6							0.09	578	38.6	13.2			0.96
18	3.144	7.4	232	281	18.60	7.3	16.9	6.1	97%	160	4.8	98%	126	0.09	705	47.0	16.9			0.57
19	2.498	7.6	157	121	16.40	7.3	16.6	3.7	98%	77	4.8	96%	100	0.07	662	44.2				0.19
20	3.861	7.4				7.3	16.7							0.08	778	51.9				1.28
21	3.618	7.5				7.3	16.4							0.08	695	46.4				0.26
22	4.562	7.2				7.4	15.9							0.07	747	49.8				0.83
23	3.660	7.4				7.1	15.9							0.09	686	45.8				0.29
24	2.676	7.5				7.3	16.2							0.09	620	41.4	13.2			0.03
25	3.283	7.2	216	164	9.28	7.2	16.2	6.0	97%	164	5.0	97%	137	0.09	661	44.1	16.8			0.53
26	2.712	7.3				7.3	15.9							0.09	623	41.6				0.05
27	2.297	7.2	199	150	6.62	7.1	16.2	6.6	97%	126	4.4	97%	84	0.09	513	34.2				
28	1.968	7.4				7.3	16.1							0.06	484	32.3				
29	1.836	7.4				7.2	15.9							0.05	474	31.6				0.01
30	1.772	7.4				7.4	15.8							0.09	470	31.4				
TOT	65.791									746			770		16,545	1103.88				8.54
MAX	4.562	7.6	378	434	28.90	8.0	19.8	6.6	100%	164	5.0	99%	137	0.09	778	51.91	16.9			1.28
MIN	1.102	7.2	157	121	6.62	7.1	15.8	1.5	97%	14	2.6	96%	28	0.02	401	26.75	<1			0.01
AVG	2.193	7.4	257	254	17.93	7.5	17.7	3.5	98%	68	3.9	98%	70	0.06	552	36.80	5.4			0.34

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

PERMIT LIMITS: 2.35MGD, pH 6.0 to 9.0, BOD TSS Conc-30 monthly/45weekly, Mass BOD TSS 1200 daily/880 weekly/590 monthly, EC/126 monthly

Leachate Load Tickets -

Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH
11/1	7:30 AM	27.5	8.07	11/2	7:30 AM	14.3	8.01	11/3	7:30 AM	8.46	8.65
11/1	9:00 AM	27.5	8.07	11/2	9:00 AM	14.3	7.95	11/3	9:01 AM	8.46	8.49
11/1	10:30 AM	27.5	7.91	11/2	10:00 AM	14.3	7.97	11/3	10:10 AM	8.46	8.46
11/1	11:30 AM	27.5	7.90	11/2	11:00 AM	14.3	8.03	11/3	11:19 AM	8.46	8.48
11/1	3:17 PM	27.5	7.88					11/3	12:36 PM	8.46	8.48
11/1	4:28 PM	27.5	7.86					11/3	1:44 PM	8.46	8.47

Total Gallons: 33,000 6 Total Gallons: 22,000 4 Total Gallons: 33,000 6

Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH
11/4	7:52 AM	2.99	8.65	11/5	1:18 PM	3.11	8.55	11/6	7:41 AM	0.381	8.55
				11/5	2:54 PM	3.11	8.44	11/6	9:31 AM	0.381	8.37
								11/6	10:42 AM	0.381	8.33
								11/6	12:38 PM	0.381	8.31
								11/6	1:57 PM	0.381	8.26

Total Gallons: 5,500 1 Total Gallons: 11,000 2 Total Gallons: 27,500 5

Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH
11/7	11:50 AM	1.58	8.15	11/8	11:05 AM	10.2	7.94	11/9	8:38 AM	18.6	7.93
11/7	1:37 PM	1.58	8.05	11/8		10.2	7.87	11/9	10:15 AM	18.6	7.77
11/7	2:42 PM	1.58	7.96	11/8	2:15 PM	10.2	7.80	11/9	11:34 AM	18.6	7.73
11/7	3:44 PM	1.58	8.01	11/8	3:32 PM	10.2	7.80	11/9		18.6	7.69
								11/9	2:09 PM	18.6	7.71
								11/9	3:21 PM	18.6	7.70

Total Gallons: 22,000 4 Total Gallons: 22,000 4 Total Gallons: 33,000 6

Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH
11/10	6:57 AM	30.9	7.85	11/11	7:52 AM	36.2	7.84	11/12	6:54 AM	62.3	7.85
11/10	8:27 AM	30.9	7.72	11/11	10:09 AM	36.2	7.75	11/12	1:40 PM	62.3	7.78
11/10	11:06 AM	30.9	7.72	11/11	11:36 AM	36.2	7.69	11/12	2:52 PM	62.3	7.74
11/10	12:23 PM	30.9	7.68	11/11	2:00 PM	36.2	7.73				

Total Gallons: 22,000 4 Total Gallons: 22,000 4 Total Gallons: 16,500 3

Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH
11/13	9:57 AM	40.9	7.94	11/14	10:21 AM	22.7	7.92	11/15	7:20 AM	29.3	7.96
11/13	11:27 AM	40.9	7.82	11/14	12:00 PM	196	7.83	11/15	9:15 AM	29.3	7.84
11/13	12:45 PM	40.9	7.81	11/14	12:21 PM	22.7	7.90	11/15	9:30 AM	136	8.04
11/13	1:52 PM	40.9	7.78	11/14	1:23 PM	22.7	7.76	11/15	9:39 AM	136	7.99
11/13	2:50 PM	40.9	7.78	11/14	2:00 PM	196	7.75	11/15	11:06 AM	136	8.11
11/13	3:53 PM	40.9	7.80	11/14	2:33 PM	22.7	7.83	11/15	11:50 AM	136	8.13
				11/14	3:40 PM	22.7	7.78	11/15	12:02 PM	136	8.16
								11/15	12:55 PM	136	8.18
								11/15	1:00 PM		8.23
								11/15	1:21 PM	136	8.22
								11/15	2:00 PM	136	8.22

Leachate Load Tickets -

11/15	2:00 PM		8.24
11/15	2:25 PM	136	8.22
11/15	3:00 PM	136	8.21
11/15	3:00 PM		8.28
11/15	3:40 PM	136	8.30
11/15	4:30 PM	136	8.31

Total Gallons: 33,000 6 **Total Gallons: 38,500** 7 **Total Gallons: 93,500** 17

Date	Pickup	mg/l	PH	Date	Pickup	mg/l	PH	Date	Pickup	mg/l	PH
11/16	6:15 AM	36.3	8.50	11/17	7:00 AM	18.7	8.37	11/18	6:50 AM	18	8.43
11/16	7:27 AM	36.3	8.38	11/17	7:30 AM	18.7	8.27	11/18	7:10 AM	200	8.36
11/16	7:40 AM	36.3	8.34	11/17	8:28 AM	18.7	8.27	11/18	8:25 AM	200	8.47
11/16	8:00 AM	36.3	8.34	11/17	8:50 AM	18.7	8.30	11/18	8:33 AM	18	8.43
11/16	8:45 AM	203	8.43	11/17	9:42 AM	18.7	8.35	11/18	8:51 AM	200	8.38
11/16	8:59 AM	203	8.48	11/17	10:35 AM	225	8.40	11/18	9:41 AM	18	8.44
11/16	9:00 AM	203	8.51	11/17	10:58 AM	225	8.40	11/18	10:00 AM		8.30
11/16	9:53 AM	203	8.53	11/17	11:30 AM	225	8.41	11/18	10:50 AM	18	8.45
11/16	10:20 AM	203	8.51	11/17	11:59 AM	225	8.41	11/18	11:10 AM	200	8.40
11/16	10:45 AM	203	8.52	11/17	12:25 PM	225	8.40	11/18	11:20 AM	200	8.40
11/16	10:38 AM	203	8.52	11/17	12:56 PM	225	8.42	11/18	11:50 AM	18	8.42
11/16	11:23 AM	203	8.51	11/17	1:25 PM	225	8.43	11/18	12:13 PM	200	8.38
11/16	11:40 AM	203	8.50	11/17	2:25 PM	225	8.45	11/18	12:39 PM	200	8.45
11/16	12:00 PM	203	8.50	11/17	3:06 PM	225	8.46	11/18	1:01 PM	200	8.46
11/16	12:29 PM	203	8.49	11/17	3:25 PM	225	8.44	11/18	1:48 AM		8.36
11/16	12:45 PM	203	8.48					11/18	2:04 PM	200	8.42
11/16	1:06 PM	203	8.47					11/18	2:10 PM	200	8.43
11/16	1:44 PM	203	8.47					11/18	2:40 PM	200	8.44
11/16	2:20 PM	36.3	8.36					11/18	3:03 PM	200	8.44
11/16	3:00 PM	36.3	8.32					11/18	3:23 PM	200	8.43
11/16	3:27 PM	36.3	8.31					11/18	3:51 PM	200	8.44
11/16	4:15 PM	36.3	8.29					11/18	4:30 PM	200	8.45
								11/18	4:55 PM	200	8.44

Total Gallons: 121,000 22 **Total Gallons: 82,500** 15 **Total Gallons: 126,500** 23

Date	Pickup	mg/l	PH	Date	Pickup	mg/l	PH	Date	Pickup	mg/l	PH
11/19	6:35 AM	13.1	8.35	11/20	8:10 AM	168	8.34	11/21	6:30 AM	144	8.28
11/19	7:27 AM	153	8.32	11/20	9:36 AM	168	8.24	11/21	6:56 AM	144	8.23
11/19	7:40 AM	153	8.37	11/20		6.66	8.26			1.38	8.15
11/19	7:50 AM	153	8.34	11/20	9:30 AM	168	8.28	11/21	6:45 AM	144	8.15
11/19	8:34 AM	153	8.33	11/20	10:50 AM	168	8.31	11/21	8:07 AM	144	8.21
11/19	8:47 AM	153	8.36	11/20	10:58 AM	6.66	8.00	11/21	8:30 AM	1.38	8.14
11/19	9:14 AM	13.1	8.36	11/20	11:05 AM	168	8.23	11/21	9:00 AM	141	8.17
11/19	9:45 AM	153	8.27	11/20	11:49 AM	168	8.27	11/21	9:16 AM	141	8.21
11/19	10:07 AM	153	8.35	11/20	12:15 PM	168	8.28	11/21	9:45 AM	141	8.20
	11:00 AM	153	8.37	11/20	12:34 PM	6.66	8.23	11/21	10:00 AM	141	8.21
11/19	11:27 AM	153	8.36	11/20	1:00 PM	168	8.26	11/21	10:30 AM	141	8.20
11/19	12:15 PM	153	8.35	11/20	1:08 PM	168	8.22	11/21	10:43 AM	141	8.19
11/19	12:31 PM	153	8.34	11/20	1:40 PM	6.66	8.23	11/21	11:31 AM	141	8.19
11/19	1:13 PM	153	8.33	11/20	2:07 PM	168	8.20	11/21	12:00 PM	141	8.18

Leachate Load Tickets -

11/19	2:08 PM	153	8.33	11/20	2:30 PM	168	8.27	11/21	12:28 PM	141	8.18
11/19	2:18 PM	153	8.32	11/20	2:50 PM	168	8.28	11/21	12:39 PM	141	8.17
11/19	2:38 PM	153	8.32	11/20	3:35 PM	168	8.27	11/21	1:00 PM	141	8.17
11/19	2:58 PM	153	8.31	11/20	4:21 PM	168	8.30	11/21	1:25 PM	158	8.16
11/19	3:20 PM	153	8.31	11/20	4:26 PM	168	8.29	11/21	1:51 PM	141	8.16
				11/20	5:00 PM	168	8.29	11/21	2:00 PM	141	8.17
				11/20	5:36 PM	168	8.29	11/21	2:36 PM	141	8.17
				11/20	6:30 PM	168	8.30	11/21	3:00 PM	141	8.16
				11/20	6:45 PM	168	8.28	11/21	3:00 PM	141	8.16
								11/21	3:38 PM	141	8.16
								11/21	3:59 PM	141	8.16
								11/21	4:41 PM	141	8.16
								11/21	5:41 PM	141	8.16
								11/21	6:34 PM	141	8.16
								11/21	8:04 PM	1.38	8.02
								11/21	9:23 PM	1.38	8.00

Total Gallons: 104,500 19 **Total Gallons: 126,500** 23 **Total Gallons: 165,000** 30

Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH
11/22	7:30 AM	1.85	8.04	11/23	6:00 AM	125	8.16	11/24	12:28 AM	125	8.03
11/22	9:00 AM	128	8.12	11/23		1.41	8.02	11/24	7:00 AM	0.24	7.98
11/22	9:20 AM	128	8.12	11/23	7:01 AM	1.41	8.07	11/24	7:40 AM	149	7.93
11/22	10:17 AM	128	8.11	11/23	7:20 AM	125	8.07	11/24	8:35 AM	0.24	7.94
11/22	10:38 AM	128	8.10	11/23	8:15 AM	125	8.10	11/24	9:17 AM	149	7.92
11/22	11:00 AM	128	8.03	11/23	8:58 AM	125	8.10	11/24	9:39 AM	0.24	7.95
11/22	11:17 AM	128	8.03	11/23	9:09 AM	125	8.03	11/24	10:15 AM	149	7.89
11/22	11:47 AM	128	8.09	11/23	10:19 AM	1.41	8.04	11/24	11:45 AM	149	7.95
11/22	12:00 PM	128	8.13	11/23	10:40 AM	125	7.98	11/24	12:00 PM	149	7.96
11/22	12:39 PM	128	8.16	11/23	11:03 AM	125	8.05	11/24	12:30 PM	149	7.97
11/22	12:54 PM	128	8.14	11/23	11:29 AM	1.41	8.03	11/24	1:30 PM	149	7.96
11/22	1:00 PM	128	8.14	11/23	12:19 PM	125	8.03	11/24	2:00 PM	149	7.96
11/22	1:37 PM	128	8.13	11/23	12:30 PM	125	8.04	11/24	3:00 PM	149	7.69
11/22	2:30 PM	128	8.11	11/23	1:00 PM	125	7.98				
11/22	2:53 PM	128	8.10	11/23	1:33 PM	125	8.04				
11/22	3:33 PM	128	8.11	11/23	2:00 PM	125	8.04				
11/22	3:56 PM	128	8.11	11/23	2:43 PM	125	2.48				
				11/23	3:00 PM	125	8.04				
				11/23	3:57 PM	125	8.05				
				11/23	4:30 PM	125	8.05				
				11/23	5:00 PM	125	8.06				
				11/23	5:30 PM	125	8.06				
				11/23	6:00 PM	125	8.01				
				11/23	6:35 PM	125	7.99				
				11/23	6:45 PM	125	7.96				
				11/23	7:00 PM	125	8.04				
				11/23	7:23 PM	125	8.03				

GAWSA 31

Leachate Load Tickets -

11/23	7:56 PM	125	8.05
11/23	8:30 PM	125	8.04
11/23	8:45 PM	125	8.04
11/23	9:08 PM	125	8.03
11/23	9:30 PM	125	8.03
11/23	10:27 PM	125	8.03
11/23	11:25 PM	125	8.03

Total Gallons: 93,500 17 Total Gallons: 187,000 34 Total Gallons: 71,500 13

Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH
11/25	7:05 AM	1.71	7.95	11/26	7:00 AM	1.14	7.97	11/27	10:30 AM	0.321	8.01
11/25	8:30 AM	147	7.95	11/26	8:53 AM	1.14	7.96	11/27	12:12 PM	0.321	7.87
11/25	8:42 AM	1.71	7.92	11/26	10:00 AM	177	7.90	11/27	12:33 PM	0.321	7.81
11/25	9:32 AM	147	7.92	11/26	11:27 AM	177	7.96	11/27	1:17 PM	0.321	7.88
11/25	9:55 AM	1.71	7.93	11/26	11:38 AM	177	7.95	11/27	2:11 PM	174	7.86
11/25	10:38 AM	147	7.93	11/26	12:24 PM	177	7.94	11/27	2:31 PM	0.321	7.90
11/25	10:58 AM	1.71	7.95	11/26	12:50 PM	177	7.94	11/27	3:09 PM	0.321	7.81
11/25	11:30 AM	147	7.97	11/26	1:30 PM	177	7.95	11/27	3:37 PM	0.321	7.81
11/25	11:33 AM	147	7.87	11/26	1:57 PM	177	7.94				
11/25	12:30 PM	147	7.97	11/26	3:00 PM	177	7.93				
11/25	12:50 PM	147	7.97	11/26	4:00 PM	177	7.95				
11/25	2:00 PM	147	7.97								
11/25	3:00 PM	147	7.97								
11/25	4:00 PM	147	7.98								

Total Gallons: 77,000 14 Total Gallons: 60,500 11 Total Gallons: 44,000 8

Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH
11/29	7:17 AM	1.36		11/30	7:07 AM	221	8.19				
11/29	7:45 AM	193	8.07	11/30	8:00 AM	221	8.04				
11/29	8:58 AM	1.36	8.06	11/30	8:22 AM	221	8.03				
11/29	8:45 AM	193	8.05	11/30	9:00 AM	1.03	8.04				
11/29	10:11 AM	193	8.11	11/30	9:39 AM	221	8.01				
11/29	10:15 AM	193	8.10	11/30	10:00 AM	221	8.06				
11/29	11:17 AM	193	8.08	11/30	10:44 AM	221	8.06				
11/29	12:24 PM	193	8.08	11/30	11:30 AM	221	8.04				
11/29	1:45 PM	193	8.06	11/30	11:50 AM	221	8.01				
11/29	2:55 PM	1.36	8.01	11/30	12:10 PM	221	8.03				
11/29	3:57 PM	1.36	7.97	11/30	1:02 PM	221	8.02				
				11/30	2:00 PM	221	8.00				
				11/30	2:12 PM	221	7.99				
				11/30	2:50 PM	221	8.00				
				11/30	3:18 PM	221	7.99				

Total Gallons: 60,500 11 Total Gallons: 82,500 15 Total Gallons: 0 0

TOTAL TICKETS: 334

Leachate Load Tickets -

TOTAL GALLONS/MONTH: 1,837,000
\$36,740