



GREEN AREA WATER & SANITARY AUTHORITY

RECEIVED

JUL 25 +

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>Chris Lofton</u>		Service Address: <u>208 Wingate Ct.</u>
Daytime Phone: <u>541-643-1034</u>	Account Number: <u>9864 060</u>	

REPAIR DATE

LEAK REPAIR RECEIPTS - PLEASE ATTACH

Date Leak Repaired: <u>7-25-25</u>	<input type="checkbox"/> Attached
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Brief Description of Leak Failure and Repair: Main water line broke under driveway. New line installed with pressure valve.

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 [Signature] Date 7/28/24

SECTION 2 - TO BE COMPLETED BY AUTHORITY BILLING DEPT

Date Form Received:

7/25/24

Meter Read Date to use for Water Leak Credit Evaluation:

7/10/24

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

Estimated leak period based on consumption history (attach service history): 6/11/24-7/10/24

Estimated normal billing during leak period: 54.35 Leak month billing: 117.05

Past average normal billing in same billing cycle (or est avg billing if less than 1 yr of svc): (54.35)
(NOTE: if estimating average consumption, attach calculation documentation)

Estimated leak billing of the leak billing period divided by 2= 62.70/2

Leak gallons vs. normal usage gallons: 33,000 vs 11,000 gal

Calculated water leak credit amount: 31.35

Reviewer's Initials:

DC

Approver's Initials:

Credit Granted

Credit Denied

If Leak Credit Granted:

Date Applied: _____ Initials: _____



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>Joe Fisher</u>		Service Address: <u>925 Glenquay Ln.</u>
Daytime Phone: <u>541-580-6022</u>	Account Number: <u>2246000</u>	
REPAIR DATE	LEAK REPAIR RECEIPTS - PLEASE ATTACH	
Date Leak Repaired: <u>7/29/2024</u>	<input type="checkbox"/> Attached	
Brief Description of Leak Failure and Repair: <u>Pipe Break</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>Aug. 7, 2024</u>	

SECTION 2 - TO BE COMPLETED BY AUTHORITY BILLING DEPT

Date Form Received: <u>AUG 02 2024</u>	Meter Read Date to use for Water Leak Credit Evaluation: <u>5/10/24 - 8/10/24</u>	If Credit Granted, Utility Bill Anticipated to Show the Credit Amount:
Estimated leak period based on consumption history (attach service history):	<u>5/1/24 - 7/29/24</u>	
Estimated normal billing during leak period:	<u>342.80</u>	Leak month billing: <u>576.50</u>
Past average normal billing in same billing cycle (or est avg billing if less than 1 yr of svc):	<u>(342.80)</u>	
<small>(NOTE: if estimating average consumption, attach calculation documentation)</small>		
Estimated leak billing of the leak billing period divided by 2=	<u>233.70 / 2 =</u>	
Leak gallons vs. normal usage gallons:	<u>170,000 vs 88,000 gal</u>	
Calculated water leak credit amount:	<u>116.85</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: _____

MINUTES OF THE GREEN AREA WATER & SANITARY AUTHORITY
BOARD OF DIRECTORS MEETING
September 16, 2024

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

BOARD DIRECTORS PRESENT:

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

BOARD DIRECTORS ABSENT:

None

GAWSA STAFF PRESENT:

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

ALSO PRESENT:

Greg James, SDAO Consulting Services Senior Consultant (via Teams)
Mark Knudson, SDAO Consulting Services Senior Consultant (via Teams)

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:

Linnea Witt: \$29.92
Hazel Davis: \$34.20

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

General Manager David Campos then presented a subsequent request for credit to the Board from commercial customer Dave Johnson. This request for credit was not derived from a water leak but from an unexplained spike in water usage. David explained to the Board that our operator observed there was no leak present. The operator also noted that water theft was not likely as the faucets required a key to be turned on. David stated that the Board had recently granted a credit adjustment to another customer in a situation where a spike in water usage was unexplained. After short discussion, Director Fullbright made a motion to grant a credit adjustment of \$76.95 to customer Dave Johnson. Director Lusch seconded the motion. The motion passed unanimously.

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

David presented the General Manager's Report to the Board. David introduced SDAO Consultants Mark Knudson and Greg James to the Board. The consultants are assisting GAWSA with solicitation of a new engineer to prepare the water and sewer master plan updates and serve as GAWSA Engineer-of-

MINUTES OF THE GREEN AREA WATER & SANITARY AUTHORITY
BOARD OF DIRECTORS MEETING
September 16, 2024

Record. The consultants have drafted a Request for Proposal, which will be presented to the Board. The Board Directors each introduced themselves. The consultants presented an overview of the Request for Proposal and the current project timeline. At the conclusion of the presentation, David thanked the consultants for presenting to the Board. The consultants exited the meeting (virtually) at 5:42pm.

David informed the Board that GAWSA will begin sending out a quarterly newsletter to customers as of this fall. The newsletter will be sent via the electronic mailing list. It will also be posted to the GAWSA website and shared on Facebook.

David informed the Board that the Speedway Tank Surcharge has been paid by Inspired Healthcare for the memory care facility on Winery Lane.

David provided the Board with an engineering status update on the sanitary office remodel.

David informed the Board that the operating system on the office server will need to be upgraded to meet requirements for the billing management software. David presented options ranging in cost from \$1,500 to \$7,500. With the server reaching seven years in age, it will need to be replaced soon regardless. Systech Consulting, the GAWSA IT provider, suggests replacing the server altogether because of its age and also to maintain ongoing product support. The consensus of the Board was to move forward replacing the server.

Shannon Miller delivered the sanitary collections system report. Shannon informed the Board that GAWSA reported a sanitary sewer overflow to DEQ, which was caused by root intrusion. A short discussion followed.

Operations Manager Alan Paulson delivered the water operations report. Board Chair Tracey Parker asked if the membrane filter shipment is expected to arrive on time. Alan responded that as of now they are expected to arrive on time but that could change as the shipment is coming from Australia.

Alan reiterated that the operations staff will be installing the 2" meter for the memory care facility.

Alan informed the Board that the State of Oregon has made a change in the rules for reporting lead and copper service line inventory that should make reporting easier for GAWSA.

David stated that Chris Sherlock was unable to attend this meeting and if the Board had any questions he would forward them on to Chris.

For the good of the order, David presented a "thank you" card from Kay Huff to the Board. David also informed the Board of a minor motor vehicle incident that occurred at the office, where a staff member backed a GAWSA service truck into another staff member's personal vehicle. The incident has been reported to our insurance agent. David informed the Board that the GAWSA holiday party will be on December 13 at The Blade Axe House.

MINUTES OF THE GREEN AREA WATER & SANITARY AUTHORITY
BOARD OF DIRECTORS MEETING
September 16, 2024

Director Lusch made a motion to adjourn the meeting. Director Kingry seconded the motion. The motion passed unanimously, and the meeting was adjourned the meeting at 6:06pm.

Board Member

Tracey Parker, Board Chair

Green Area Water & Sanitary Authority
GAWSA Expense Detail
September 2024

Type	Date	Num	Name	Memo	Debit	Credit	Balance
506-1 · Health Ins Benefits- WA							
Check	09/16/2024	11641	SDIS	Oct 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	09/16/2024	11641	SDIS	Oct 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
507-1 · Retirement Contribution - WA							
Check	09/30/2024	11656	EDWARD JONES CO.	Apr - Jun 2024 SEP IRA contributions	4,856.82		4,856.82
Check	09/30/2024	11657	EDWARD JONES CO.	Jul - Sep 2024 SEP IRA contributions	4,473.66		9,330.48
Total 507-1 · Retirement Contribution - WA					9,330.48	0.00	9,330.48
507-2 · Retirement Contribution - SA							
Check	09/30/2024	11656	EDWARD JONES CO.	Apr - Jun 2024 SEP IRA contributions	4,856.82		4,856.82
Check	09/30/2024	11657	EDWARD JONES CO.	Jul - Sep 2024 SEP IRA contributions	4,473.66		9,330.48
Total 507-2 · Retirement Contribution - SA					9,330.48	0.00	9,330.48
515-1 · Office Supplies - WA							
Check	09/16/2024	11624	CANON SOLUTIONS AMERICA, INC.	Inv #6009033845 / Office copier maintenance 7/20 - 8/19	25.87		25.87
Check	09/30/2024	11658	FX DESIGNS	Inv #34272 / replace acrylic G letter in Boardroom	42.50		68.37
Total 515-1 · Office Supplies - WA					68.37	0.00	68.37
515-2 · Office Supplies - SA							
Check	09/16/2024	11624	CANON SOLUTIONS AMERICA, INC.	Inv #6009033845 / Office copier maintenance 7/20 - 8/19	25.86		25.86
Check	09/30/2024	11658	FX DESIGNS	Inv #34272 / replace acrylic G letter in Boardroom	42.50		68.36
Total 515-2 · Office Supplies - SA					68.36	0.00	68.36
516-1 · Communication & IT							
Check	09/16/2024	11628	DOUGLAS FAST NET	Water office phone/fax/internet - August	147.59		147.59
Check	09/16/2024	11644	STREAMLINE	Inv #48B9D624-0017 / Streamline website fee 1 year	1,494.00		1,641.59
Check	09/16/2024	11645	SYSTECH CONSULTING, LLC	Inv #15954 / Managed service plan - Aug	465.00		2,106.59
Paycheck	09/30/2024	DD2051	Campos, David M	Direct Deposit	50.00		2,156.59
Total 516-1 · Communication & IT					2,156.59	0.00	2,156.59
516-2 · Communication & IT - S							
Check	09/16/2024	11628	DOUGLAS FAST NET	Sewer office phone/fax/internet - August	296.01		296.01
Check	09/16/2024	11644	STREAMLINE	Inv #48B9D624-0017 / Streamline website fee 1 year	1,494.00		1,790.01
Check	09/16/2024	11645	SYSTECH CONSULTING, LLC	Inv #15954 / Managed service plan - Aug	465.00		2,255.01
Total 516-2 · Communication & IT - S					2,255.01	0.00	2,255.01
517-1 · Utilities- WA							
Check	09/03/2024	ACH	PACIFIC POWER	Water office electricity 5/31 - 7/1	224.13		224.13
Check	09/16/2024	11622	AVISTA UTILITIES	Natural gas service water office 7/22 - 8/21	19.00		243.13
Check	09/16/2024	11639	PACIFIC POWER	Water office electricity 7/1 - 8/1	292.79		535.92
Total 517-1 · Utilities- WA					535.92	0.00	535.92
517-2 · Utilities- SA							
Check	09/03/2024	ACH	PACIFIC POWER	Sewer office electricity 5/31 - 7/1	252.65		252.65
Check	09/16/2024	11622	AVISTA UTILITIES	Natural gas service sewer office 7/22 - 8/21	19.00		271.65
Check	09/16/2024	11639	PACIFIC POWER	Sewer office electricity 7/1 - 8/1	346.79		618.44
Total 517-2 · Utilities- SA					618.44	0.00	618.44
518-1 · R & M Office - WA							
Check	09/16/2024	11638	OREGON LINEN	Inv #1129549 / Rug service water office	73.40		73.40
Total 518-1 · R & M Office - WA					73.40	0.00	73.40

Green Area Water & Sanitary Authority
GAWSA Expense Detail
September 2024

Type	Date	Num	Name	Memo	Debit	Credit	Balance
518-2 · R & M Office - SA							
Check	09/16/2024	11643	STAPEL PEST SOLUTIONS	Inv #87687 / August pest control - sewer office	45.00		45.00
Total 518-2 · R & M Office - SA					45.00	0.00	45.00
522-1 · Travel & Training - WA							
Check	09/16/2024	11623	BASSETT-HYLAND ENERGY	Inv #CL28238 / admin vehicle fuel 8/16 - 8/31	16.11		16.11
Total 522-1 · Travel & Training - WA					16.11	0.00	16.11
522-2 · Travel & Training - SA							
Check	09/16/2024	11623	BASSETT-HYLAND ENERGY	Inv #CL28238 / admin vehicle fuel 8/16 - 8/31	16.12		16.12
Total 522-2 · Travel & Training - SA					16.12	0.00	16.12
526-2 · Rental Property Maintenance							
Check	09/03/2024	ACH	PACIFIC POWER	Holgate rental electricity 6/3 - 7/2	60.14		60.14
Check	09/03/2024	ACH	PACIFIC POWER	Harmony rental electricity 6/3 - 7/2	19.17		79.31
Check	09/16/2024	11639	PACIFIC POWER	Holgate rental electricity 7/2 - 8/2	65.95		145.26
Check	09/16/2024	11639	PACIFIC POWER	Harmony rental electricity 7/2 - 8/2	19.45		164.71
Total 526-2 · Rental Property Maintenance					164.71	0.00	164.71
531-1 · Statement Printing/Mailing - WA							
Check	09/15/2024	ACH	BMS TECHNOLOGIES	Inv #92294 / August billing statements printing and mailing	1,139.86		1,139.86
Total 531-1 · Statement Printing/Mailing - WA					1,139.86	0.00	1,139.86
531-2 · Statement Printing/Mailing - SA							
Check	09/15/2024	ACH	BMS TECHNOLOGIES	Inv #92294 / August billing statements printing and mailing	1,139.85		1,139.85
Total 531-2 · Statement Printing/Mailing - SA					1,139.85	0.00	1,139.85
532-1 · IVR System Costs - WA							
Check	09/16/2024	11627	CONTINENTAL UTILITY SOLUTIONS, L...	Inv # U37015 / July IVR tx and maintenance fees	48.72		48.72
Check	09/16/2024	11627	CONTINENTAL UTILITY SOLUTIONS, L...	Inv # T10143 / August IVR tx and maintenance fees	54.35		103.07
Total 532-1 · IVR System Costs - WA					103.07	0.00	103.07
532-2 · IVR System Costs - SA							
Check	09/16/2024	11627	CONTINENTAL UTILITY SOLUTIONS, L...	Inv # U37015 / July IVR tx and maintenance fees	48.73		48.73
Check	09/16/2024	11627	CONTINENTAL UTILITY SOLUTIONS, L...	Inv # T10143 / August IVR tx and maintenance fees	54.35		103.08
Total 532-2 · IVR System Costs - SA					103.08	0.00	103.08
533-1 · Merchant Service Fees - WA							
Check	09/16/2024	11627	CONTINENTAL UTILITY SOLUTIONS, L...	Inv # T10103 / August merchant service fees	1,004.04		1,004.04
Total 533-1 · Merchant Service Fees - WA					1,004.04	0.00	1,004.04
533-2 · Merchant Service Fees - SA							
Check	09/16/2024	11627	CONTINENTAL UTILITY SOLUTIONS, L...	Inv # T10103 / August merchant service fees	1,004.04		1,004.04
Total 533-2 · Merchant Service Fees - SA					1,004.04	0.00	1,004.04
535-1 · Contract Services - Meter Reads							
Check	09/16/2024	11635	METEREADERS, LLC	Inv #11396 / August meter readings	2,545.60		2,545.60
Total 535-1 · Contract Services - Meter Reads					2,545.60	0.00	2,545.60
606-1 · Health Ins. Benefits - WO							
Check	09/16/2024	11641	SDIS	Oct 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	09/16/2024	11641	SDIS	Oct 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

Green Area Water & Sanitary Authority
GAWSA Expense Detail
September 2024

Type	Date	Num	Name	Memo	Debit	Credit	Balance
607-1 · Retirement Contributions - WO							
Check	09/30/2024	11656	EDWARD JONES CO.	Apr - Jun 2024 SEP IRA contributions	12,666.24		12,666.24
Check	09/30/2024	11657	EDWARD JONES CO.	Jul - Sep 2024 SEP IRA contributions	13,165.74		25,831.98
Total 607-1 · Retirement Contributions - WO					25,831.98	0.00	25,831.98
607-2 · Retirement Contributions - SO							
Check	09/30/2024	11656	EDWARD JONES CO.	Apr - Jun 2024 SEP IRA contributions	6,548.04		6,548.04
Check	09/30/2024	11657	EDWARD JONES CO.	Jul - Sep 2024 SEP IRA contributions	6,809.94		13,357.98
Total 607-2 · Retirement Contributions - SO					13,357.98	0.00	13,357.98
610-1 · Vehicle/Equipment O & M - WO							
Check	09/16/2024	11623	BASSETT-HYLAND ENERGY	Inv #CL28238 / trucks and equipment fuel 8/16 - 8/31	229.13		229.13
Total 610-1 · Vehicle/Equipment O & M - WO					229.13	0.00	229.13
610-2 · Vehicle/Equipment O & M - SO							
Check	09/16/2024	11623	BASSETT-HYLAND ENERGY	Inv #CL28238 / trucks and equipment fuel 8/16 - 8/31	66.30		66.30
Check	09/16/2024	11625	CHUCK SWARM & FAMILY AUTO RE...	Inv #28624 / PO 18544 / oil and filter service 2000 Chevrolet	61.95		128.25
Total 610-2 · Vehicle/Equipment O & M - SO					128.25	0.00	128.25
611-1 · Dues/Fees/Subscriptions- WO							
Check	09/16/2024	11637	ONE CALL CONCEPTS, INC.	Inv #4080709 / August locate tickets	27.56		27.56
Total 611-1 · Dues/Fees/Subscriptions- WO					27.56	0.00	27.56
611-2 · Dues/Fees/Subscriptions- SO							
Check	09/16/2024	11637	ONE CALL CONCEPTS, INC.	Inv #4080709 / August locate tickets	27.57		27.57
Total 611-2 · Dues/Fees/Subscriptions- SO					27.57	0.00	27.57
612-1 · Communication & IT - Ops							
Check	09/16/2024	11628	DOUGLAS FAST NET	Carnes shop internet - August	86.39		86.39
Check	09/16/2024	11628	DOUGLAS FAST NET	WTP phone/fax/internet/alarm line - August	133.01		219.40
Check	09/16/2024	11646	VERIZON WIRELESS	Inv #9971873053 / tablet line	48.66		268.06
Paycheck	09/30/2024	DD2052	Carlson, Trev W	Direct Deposit	50.00		318.06
Paycheck	09/30/2024	DD2056	Hope, Will T	Direct Deposit	50.00		368.06
Paycheck	09/30/2024	DD2057	Manson, Joshua T.	Direct Deposit	50.00		418.06
Paycheck	09/30/2024	DD2059	Paulson, Alan D.	Direct Deposit	50.00		468.06
Paycheck	09/30/2024	DD2060	Radford, Daniel L.	Direct Deposit	50.00		518.06
Paycheck	09/30/2024	DD2062	Wolford, Jeremy J.	Direct Deposit	50.00		568.06
Total 612-1 · Communication & IT - Ops					568.06	0.00	568.06
612-2 · Communication & IT - SO							
Check	09/16/2024	11646	VERIZON WIRELESS	Inv #9971873053 / second tablet line	23.67		23.67
Paycheck	09/30/2024	DD2053	Chasteen, Matthew S.	Direct Deposit	50.00		73.67
Paycheck	09/30/2024	DD2058	Miller, Shannon L.	Direct Deposit	50.00		123.67
Total 612-2 · Communication & IT - SO					123.67	0.00	123.67
614-1 · Safety Equipment - WO							
Check	09/16/2024	11631	INDUSTRIAL SOURCE	Inv #2328268 / PO 18557 / Ear plugs	93.24		93.24
Total 614-1 · Safety Equipment - WO					93.24	0.00	93.24
615-1 · Misc Expense - WO							
Check	09/16/2024	11632	JEREMY WOLFORD	PO 18551 / Reimburse for temporary headlight repair on JW personal truck	16.25		16.25
Total 615-1 · Misc Expense - WO					16.25	0.00	16.25
620-1 · R & M Water Distribution							
Check	09/16/2024	11633	LONG'S BUILDING SUPPLY	Inv #392070 / PO 18540 / Redimix bags for driveway repair on Del Mar	84.12		84.12
Check	09/16/2024	11636	ODOT FINANCIAL SERVICES	Project # S035(083) / PO 18559 / adjusting 6 boxes/valves	3,300.00		3,384.12
Total 620-1 · R & M Water Distribution					3,384.12	0.00	3,384.12

Green Area Water & Sanitary Authority
GAWSA Expense Detail
September 2024

Type	Date	Num	Name	Memo	Debit	Credit	Balance
621-1 · R & M - Dist Shop							
Check	09/17/2024	11648	WINSTON SANITARY SERVICE	Inv #3157518 / 200 Gal weekly dumpster - Carnes	95.66		95.66
Total 621-1 · R & M - Dist Shop					95.66	0.00	95.66
622-1 · Tools & Supplies - Distribution							
Check	09/16/2024	11621	NAPA AUTO PARTS	Inv #9930300 / PO 18530 / jack nut, mud flaps, terry towels	61.89		61.89
Check	09/16/2024	11629	FERGUSON WATERWORKS #3325	Inv #268445 / PO 18537 / Poly pipe pulling tool	351.72		413.61
Check	09/16/2024	11633	LONG'S BUILDING SUPPLY	Inv #392073 / PO 18543 / fitting for bulk meter	6.99		420.60
Total 622-1 · Tools & Supplies - Distribution					420.60	0.00	420.60
624-1 · Utilities - Water Dist WO							
Check	09/03/2024	ACH	PACIFIC POWER	Tipton PS/Roseburg intertie electricity 6/12 - 7/12	84.37		84.37
Check	09/03/2024	ACH	PACIFIC POWER	Carnes shop electricity 5/31 - 7/1	163.49		247.86
Check	09/03/2024	ACH	PACIFIC POWER	Highland Vista PS electricity 5/31 - 7/1	376.45		624.31
Check	09/03/2024	ACH	PACIFIC POWER	Glengary PS electricity 6/3 - 7/2	42.40		666.71
Check	09/16/2024	11622	AVISTA UTILITIES	Natural gas service Highland PS 7/22 - 8/21	27.84		694.55
Check	09/16/2024	11622	AVISTA UTILITIES	Natural gas service Carnes Shop 7/22 - 8/21	43.41		737.96
Check	09/16/2024	11639	PACIFIC POWER	Tipton PS/Roseburg intertie electricity 7/12 - 8/13	84.42		822.38
Check	09/16/2024	11639	PACIFIC POWER	Carnes shop electricity 7/1 - 8/1	195.08		1,017.46
Check	09/16/2024	11639	PACIFIC POWER	Highland Vista PS electricity 7/1 - 8/1	367.68		1,385.14
Check	09/16/2024	11639	PACIFIC POWER	Glengary PS electricity 7/2 - 8/2	43.27		1,428.41
Total 624-1 · Utilities - Water Dist WO					1,428.41	0.00	1,428.41
626-1 · Water Samples - WO							
Check	09/17/2024	11647	UMPQUA RESEARCH	Inv #M075593 / 2 Disinfection By-Products tests	594.00		594.00
Check	09/17/2024	11647	UMPQUA RESEARCH	Inv #M075803 / 8 Coliforms tests	212.00		806.00
Check	09/17/2024	11647	UMPQUA RESEARCH	Inv #M075848 / 1 Alkalinity, 2 TOC tests	154.60		960.60
Total 626-1 · Water Samples - WO					960.60	0.00	960.60
627-1 · Backflow Tests- WO							
Check	09/16/2024	11640	POPEYE'S PUMP & BACKFLOW	Inv #19969 / 3 non-comp backflow tests	180.00		180.00
Check	09/16/2024	11642	SO BACKFLOW TECHS	Inv #66247 / 10 non-comp backflow tests	320.00		500.00
Total 627-1 · Backflow Tests- WO					500.00	0.00	500.00
628-1 · Inventory Adjustment W							
Check	09/16/2024	11630	CORIX WATER PRODUCTS, INC.	Inv #U2416031704 / PO 18534 / brass parts for inventory	595.60		595.60
Check	09/16/2024	11630	CORIX WATER PRODUCTS, INC.	Inv #U2416036262 / PO 18545 / 50 5/8x3/4" Zenner meters	3,224.50		3,820.10
Check	09/16/2024	11630	CORIX WATER PRODUCTS, INC.	Inv #U2416037149 / PO 18555 / meter boxes and lids for inventory	2,904.66		6,724.76
Total 628-1 · Inventory Adjustment W					6,724.76	0.00	6,724.76
641-2 · R & M Lines & Manholes - SO							
Check	09/16/2024	11636	ODOT FINANCIAL SERVICES	Project # S035(083) / PO 18559 / adjustment of 6 manholes	8,400.00		8,400.00
Total 641-2 · R & M Lines & Manholes - SO					8,400.00	0.00	8,400.00
647-2 · G4 Pumpstation - SO							
Check	09/03/2024	ACH	PACIFIC POWER	G4 PS electricity 5/31 - 7/1	1,802.35		1,802.35
Check	09/16/2024	11628	DOUGLAS FAST NET	G4 pumpstation alarm line -August	14.96		1,817.31
Check	09/16/2024	11630	CORIX WATER PRODUCTS, INC.	Inv #U2416036601 / PO 18554 / parts for G4 pump replacement	6,548.81		8,366.12
Check	09/16/2024	11639	PACIFIC POWER	G4 PS electricity 7/1 - 8/1	1,622.84		9,988.96
Total 647-2 · G4 Pumpstation - SO					9,988.96	0.00	9,988.96
648-2 · O&M Pumpstations - SO							
Check	09/03/2024	ACH	PACIFIC POWER	Oak Creek PS electricity 5/31 - 7/1	57.62		57.62
Check	09/03/2024	ACH	PACIFIC POWER	Briarwood PS electricity 5/31 - 7/1	29.85		87.47
Check	09/16/2024	11634	MISSION COMMUNICATIONS, LLC	Inv #1082959 / autodialer annual service at Oak Creek PS	371.40		458.87
Check	09/16/2024	11639	PACIFIC POWER	Oak Creek PS electricity 7/1 - 8/1	47.62		506.49
Check	09/16/2024	11639	PACIFIC POWER	Briarwood PS electricity 7/1 - 8/1	27.33		533.82
Total 648-2 · O&M Pumpstations - SO					533.82	0.00	533.82

Green Area Water & Sanitary Authority
GAWSA Expense Detail
September 2024

Type	Date	Num	Name	Memo	Debit	Credit	Balance
701-1 · WTP Tools & Supplies							
Check	09/16/2024	11624	CANON SOLUTIONS AMERICA, INC.	Inv #6009033845 / Water plant copier maintenance 7/20 - 8/19	10.58		10.58
Total 701-1 · WTP Tools & Supplies					10.58	0.00	10.58
702-1 · WTP Utilities							
Check	09/03/2024	ACH	PACIFIC POWER	WTP electricity 5/31 - 7/1	13,889.58		13,889.58
Check	09/16/2024	11639	PACIFIC POWER	WTP electricity 7/1 - 8/1	16,591.09		30,480.67
Total 702-1 · WTP Utilities					30,480.67	0.00	30,480.67
712-2 · O&M Regional WWTP							
Check	09/16/2024	11626	CITY OF WINSTON	WWTP Personal services - June 2024	31,749.56		31,749.56
Total 712-2 · O&M Regional WWTP					31,749.56	0.00	31,749.56
TOTAL					195,873.52	0.00	195,873.52

GREEN AREA WATER & SANITARY AUTHORITY
Plant Expense Detail
September 2024

Date	Num	Name	Memo	Amount
Income				
Expense				
650-2 · O & M Regional WWTP				
71-0110 · Office Supplies				
09/03/2024	15039	Amazon Capital Services	Inv: 1CJG-DT6W-3NNY / Ink cartridges	79.77
09/03/2024	15050	Sierra Springs	Inv: 21794497 072024 / Cooler rental, late fee	16.50
09/03/2024	15050	Sierra Springs	Inv: 21794497 081724 / Cooler rental, bottled water svc	70.45
09/30/2024	15062	Amazon Capital Services	Inv: 1DTJ-QR6R-6K9C / Calendar, daily diary	97.15
09/30/2024	15070	Sierra Springs	Cooler, bottled water Svc	60.45
Total 71-0110 · Office Supplies				324.32
71-0120 · Tools & Spare Parts				
09/03/2024	15039	Amazon Capital Services	Inv: 1WRJ-LJX7-YWYQ / American flag, epoxy adhesive, switch for Bobcat	79.96
09/03/2024	15046	Grainger	Inv: 9199770364 / Unions, ball valves	212.75
09/03/2024	15046	Grainger	Inv: 9199723462 / Ball valves, clamp, couplings, unions	524.42
09/16/2024	15056	DC Farmers Co-op	Inv: 65966 / Ball valve, rotor	59.97
09/16/2024	15056	DC Farmers Co-op	Inv: 66154 / Muriatic acid	19.98
09/16/2024	15056	DC Farmers Co-op	Inv: 66412 / Crimp wheel	2.09
09/16/2024	15058	NAPA Auto Parts	Inv: 930651 / Shrink tube	7.38
09/16/2024	15058	NAPA Auto Parts	Inv: 931779 / Hose, hose fittings, brake cleaner	153.08
09/30/2024	15063	Card Member Services	eBay: Fire eye sensor for boiler	202.95
Total 71-0120 · Tools & Spare Parts				1,262.58
71-0130 · Equipment Maintenance/Repair				
09/03/2024	15043	De Nora Water Technologies, Inc	Inv: 9200091563 / Cell assembly, tube assembly	16,736.97
09/16/2024	15060	The Automation Group, Inc.	Inv: J001367 / Pump repair	22,458.60
09/30/2024	15071	The Automation Group, Inc.	Inv: W15001 / Chlorine machine troubleshooting	1,861.77
09/30/2024	15072	Umpqua Valley Tractor	Inv: UVT-113979 / Lawn tractor repair	582.05
Total 71-0130 · Equipment Maintenance/Repair				41,639.39
71-0140 · Equipment Operation & Material				
09/16/2024	15059	Shirtcliff Oil Company	Inv: 2030858 / Fuel	96.95
Total 71-0140 · Equipment Operation & Material				96.95
71-0160 · Phone				
09/03/2024	15042	CenturyLink	Security gate phone line: 8/12-9/11	44.65
09/30/2024	15064	CenturyLink	Security gate phone line: 9/12-10/11	44.65
09/30/2024	15067	Douglas Fast Net	Phone/internet service: 9/1-9/30	164.43
Total 71-0160 · Phone				253.73
71-0170 · Training & Conferences				
09/03/2024	15041	Brian Laudenslager	Reimbursement for OAWU Summer Conference	1,544.03
Total 71-0170 · Training & Conferences				1,544.03

GREEN AREA WATER & SANITARY AUTHORITY
Plant Expense Detail
September 2024

Date	Num	Name	Memo	Amount
71-0190 · Building Maintenance				
09/03/2024	15037	Addcox Heating Center, Inc	Inv: 83116217 / Replaced thermostatic expansion valve	1,828.98
09/03/2024	15044	Douglas County Solid Waste	Inv: 728140 / Grit and screenings	170.14
09/03/2024	15048	Lowe's Business Account	Post base, pressure treated lumber, post cap, nails, steel angle	105.97
09/16/2024	15054	CINTAS CORP	Inv: 4201389804 / Mats	50.00
09/16/2024	15054	CINTAS CORP	Inv: 4202784270 / Mats, paper towels	80.22
09/16/2024	15055	Coopers Pest Control	Inv: 41216 / Pest control August	115.00
09/30/2024	15065	Coopers Pest Control	Inv: 42411 / Pest control-September	115.00
09/30/2024	15066	Douglas County Solid Waste	Inv: 731816 / Grit and screenings	177.66
09/30/2024	15066	Douglas County Solid Waste	Inv: 733560 / Grit and screenings	156.98
09/30/2024	15066	Douglas County Solid Waste	Inv: 733604 / Grit and screenings	247.22
Total 71-0190 · Building Maintenance				3,047.17
71-0200 · Electricity				
09/03/2024	15049	Pacific Power	Utilities: 7/2-8/2	11,341.71
09/30/2024	15069	Pacific Power	Utilities: 8/2-9/3	10,764.42
Total 71-0200 · Electricity				22,106.13
71-0205 · Natural Gas				
09/16/2024	15053	Avista Utilities	Natural gas service: 7/22-8/21	144.70
Total 71-0205 · Natural Gas				144.70
71-0210 · Water & Other Utilities				
09/03/2024	15045	GAWSA	Water service: 7/10-8/10	412.00
09/30/2024	15068	GAWSA	Water service: 8/10-9/10	352.15
Total 71-0210 · Water & Other Utilities				764.15
71-0240 · Lab				
09/03/2024	15051	Umpqua Research Company	Inv: M075680 / CBOD-5 testing	140.00
09/03/2024	15051	Umpqua Research Company	Inv: M075671 / Sludge analysis, CBOD-5 testing	1,012.00
09/03/2024	15051	Umpqua Research Company	Inv: M075767 / CBOD-5 testing	140.00
09/03/2024	15051	Umpqua Research Company	Inv: M075775 / CBOD-5 testing	140.00
09/03/2024	15052	USABlueBook	Inv: INV00438832 / Lab supplies	7,292.81
09/03/2024	15052	USABlueBook	Inv: INV00442114 / Lab supplies	41.25
09/03/2024	15052	USABlueBook	Inv: INV00442003 / Lab supplies	122.19
09/03/2024	15052	USABlueBook	Inv: INV00442919 / Lab supplies	263.95
09/30/2024	15063	Card Member Services	FedEx shipping	337.01
Total 71-0240 · Lab				9,489.21
71-0250 · Personal Protective Equipment				
09/16/2024	15054	CINTAS CORP	Inv: 4200668367 / Uniforms	108.32
09/16/2024	15054	CINTAS CORP	Inv: 4201389885 / Uniforms	108.32
09/16/2024	15054	CINTAS CORP	Inv: 4202069616 / Uniforms	108.32
09/16/2024	15054	CINTAS CORP	Inv: 4202784572 / Uniforms	108.32
09/16/2024	15054	CINTAS CORP	Inv: 4203542199 / Uniforms	108.32

GREEN AREA WATER & SANITARY AUTHORITY
Plant Expense Detail
September 2024

Date	Num	Name	Memo	Amount
Total 71-0250 · Personal Protective Equipment				541.60
71-0330 · Professional Services				
09/03/2024	15040	Bateson Enterprises, LLC	Inv: 24-215 / Demo and install new sump pumps	33,000.00
09/03/2024	15047	Integotec	Inv: 2248 / Router and set-up	509.00
09/16/2024	15057	Integotec	Inv: 2304 / Update computer system	2,456.98
Total 71-0330 · Professional Services				35,965.98
71-1010 · New Equipment				
09/25/2024	15061	Pacific Golf & Turf	Inv: S917861POR / Golf carts	30,130.00
Total 71-1010 · New Equipment				30,130.00
71-1020 · Facility Improvements				
09/03/2024	15038	Allen Rental	Contract: 19043	720.80
Total 71-1020 · Facility Improvements				720.80
71-1050 · Owner Projects				
09/16/2024	15060	The Automation Group, Inc.	Inv: J001368 / Repair: chlorine system on SCADA	82,543.00
Total 71-1050 · Owner Projects				82,543.00
Total 650-2 · O & M Regional WWTP				230,573.74
Total Expense				230,573.74
Net Income				(230,573.74)

GREEN AREA WATER & SANITARY AUTHORITY
GENERAL MANAGER'S REPORT
October 10, 2024

SDAO Consulting Services – New Engineer

On Tuesday, Oct. 1, we held a mandatory pre-proposal meeting for potential engineers. Five engineering firms were represented at the meeting. In the past week, we have held one-hour interviews with 4 of the 5 firms who attended the meeting. Proposals from engineers are due to GAWSA on October 23.

Upcoming Leachate Treatment Agreement Renewal

With the annual renewal of the Douglas County Leachate Treatment Agreement approaching, we would like to discuss possible changes in the near future.

Potential Property Purchase

GAWSA has an opportunity to purchase the property adjacent to the G4 pumpstation. GAWSA staff would like to discuss this with the Board.

Office Staff

Each property serviced by GAWSA contains a file with historical data and documentation. The office staff will soon begin cleaning up these files and converting them to electronic files. From time to time, we have to refer to these files and if they were organized electronically, searching for specific historical data would be more efficient.

Green Area Water & Sanitary Authority
Customer Payment History - Summary

Sort Order : Payment Source
 From: 9/1/2024 Through: 9/30/2024

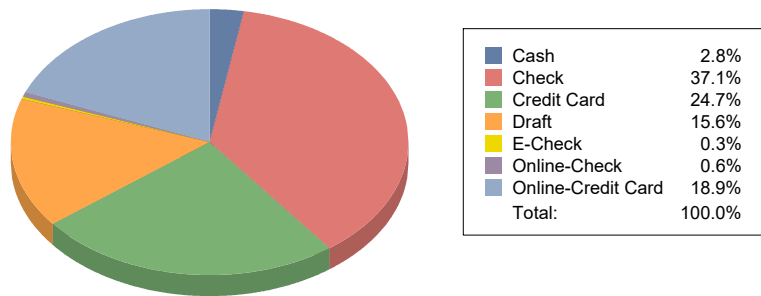
Payment Method	Quantity	Payment Amount
Cash	89	\$9,238.95
Check	1,199	\$152,502.14
Credit Card	800	\$79,252.51
Draft	504	\$57,636.80
E-Check	11	\$1,068.20
Online-Check	19	\$1,758.64
Online-Credit Card	612	\$61,397.13

Summary totals do not include reversed/transferred payments.

Service	Trans. Amount
Miscellaneous	\$(11,754.62)
Second Level Charge	\$(834.40)
Service Charge	\$(82,696.55)
Sewer	\$(132,867.12)
Water	\$(134,701.68)
Totals	\$(362,854.37)

Payment Method	Quantity	Payment Amount
Payment Source		
Amount		
Autopay		
Credit Card		\$(52,072.83)
Draft		\$(57,636.80)
		\$(109,709.63)
Customer Portal		
Online-Check		\$(1,758.64)
Online-Credit Card		\$(61,397.13)
		\$(63,155.77)
IVR		
Credit Card		\$(3,331.46)
E-Check		\$(169.55)
		\$(3,501.01)
Lockbox		
Check		\$(137,109.43)
		\$(137,109.43)
Manual		
Cash		\$(9,238.95)
Check		\$(15,392.71)
Credit Card		\$(23,848.22)
E-Check		\$(898.65)
		\$(49,378.53)
Totals		\$(362,854.37)

Payment Breakdown



Green Area Water & Sanitary Authority Transaction List - Summary

Sort order: Customer No.

From: 9/1/2024 Through: 9/30/2024

Limited to :

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

Deposits Transaction Types:

Transaction Type	Applies To	Transaction Amount
Collection Write-Off	Water Charge	(\$225.35)
	Water Delinquency	(\$5.00)
	Service Charge Charge	(\$219.80)
	Service Charge Misc Chrg.	(\$25.00)
	Sewer Charge	(\$326.27)
		(\$801.42)
Delinquency	Water Interest	\$40.00
	Water Penalty	\$2,705.00
	Service Charge Interest	\$540.00
	Service Charge Penalty	\$135.00
	Service Charge Shutoff	\$350.00
	Sewer Interest	\$100.00
	Sewer Penalty	\$160.00
	Sewer Shutoff	\$25.00
		\$4,055.00
Misc Chrg.	Water (CLF)	\$50.00
	Water (DHF)	\$20.00
	Water (SOL)	\$25.00
	Miscellaneous (BF)	\$225.00
	Service Charge (AF)	\$475.00
		\$795.00
Grand Total:		\$4,048.58

SANITARY OPERATIONS REPORT

October 10, 2024

Construction Projects

- 275 Grant Smith extension for commercial properties.
 - Nothing new to report.
- 550 East Happy Valley main extension, EGR engineering.
 - Installation complete, testing should happen next week.
- Shawn Bateson Development, MIDEA Engineering.
 - Installation complete, testing to be scheduled.

Collection System

- Manhole inspections project 'D' Basin, underway.
- TV annual project.
 - 'D' Basin, flushing and CCTV, underway.
- Updating GIS and AutoCAD with lateral location changes 'F' Basin, will continue with new computer replacement.
- RFP engineer question/answer meetings with 4 firms went well.
- AC worker refresher class was completed on the 30th. All licenses renewed.
- DEQ requested observation of possible private SSO at Valley View Trailer Park.
 - Owner responded quickly, determined to be a water main leaking and being picked up as surface water by a collapsed abandoned concrete sewer main that has been replaced and resurfacing through the top of an old drain cleanout. DEQ was updated.
 - Owner has arranged to have his sewer lines all TV and located by a contractor, we will enter those locations in our GIS for records as made available.
 - Discovered I&I problem. Owner will resolve asap before the rain season.

G4 and Pump Stations

- GAWSA Pump Stations ran well, with typical operation and maintenance.
- The replacement of Pump #1 at G4 has started.
 - Construction of the new pump stand is complete, out for powder coating.
 - Contractor will begin mocking up the pump for installation on the 9th.
 - Electrician is getting lined out for hook up and VFD modifications.
- Rising River Pump Station is being reconditioned to help reduce maintenance hazards.
 - Electrician will be on site the 9th to install new junction box outside of the wet pit to eliminate exposure to explosion and reduce need for entry to the pit.
 - Pump failed on the 20th of September, replacement should happen this week.

Lateral Inspections & GIS

- 9 Inspections.
 - 5114 Grange, TV & GIS, I & I repair, new Cleanout.
 - 1912 Palos Verdes, TV & GIS update.
 - 647 Umpqua View, TV & GIS update.
 - 2640 Landers, second lateral to old hardship, TV & GIS, I & I repair, located and cap.
 - 632 Callahan, TV & GIS update.
 - 255 Bobwhite, TV & GIS update.
 - 192 and 196 Zephyr, TV & GIS update.
 - 499 Harmony, TV & GIS update.

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

Submitted by, Shannon L. Miller

Green Area Water & Sanitary Authority
Superintendents Report
October 2024

The water treatment plant has been running well, and our new membranes are still scheduled to be delivered in November.

Our Cyanotoxin testing for the season will be finished up in the month of October. All tests at our treatment facility have been negative.

There was an inquiry about an expansion for Green Meadow Trailer Park. I met with Alex from Pinnacle Engineering regarding, what would be needed for the project.

The staff sat through an SDAO driver safety course, as part of our monthly safety meeting. Five members of the distribution and collections crew attended their annual Asbestos Worker refresher course.

The crew has installed a couple new 2" Water meters for Inspired Healthcare, as well as a couple new meters for the new subdivision on Roberts Creek Rd.

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

WINSTON-GREEN REGIONAL WASTEWATER TREATMENT FACILITY
Weekly Reports - September

September 6th

- Hauled Liquid Biosolids
- Repaired filter # 3 actuator
- Preventative Maintenance
- Located Laboratory to perform biosolids testing
- Flame Failure on Boiler # 1
 - Problem is believed to be the Fire Eye sensor
- Kubota Mower is in at Umpqua Valley Tractor
 - It was having injector issues and they are able to clean the injectors instead of replacing them
- Secondary Clarifier # 3 oil changes
- Secondary Clarifier # 3 back online

September 27th

- Cleaned Drying Beds for the season
- Microchlor Technician onsite to evaluate our chlorine generation system
- We received high praises from the technician and the regional Microchlor Manager for how well our system looked and operated. For a system that has been up and operational for 6 years this is the best-looking system they have come across.
- Facility Preventative Maintenance
- Flushed stormwater system
- Continued to haul liquid biosolids
- Monday September 30th will be our last day of hauling
- Cleaned Wet Well
- Boiler technician onsite
 - Boiler # 1 louver actuator failed
 - New Actuator has been ordered

Winston- Green WWTF

September 2024

General

1.) Plant Influent Flow (MG)	<u>2024</u>		<u>2023</u>	
<i>Winston</i>	13.39	46%	16.99	46%
<i>Green</i>	15.48	54%	20.27	54%
<i>Rainfall</i>	0.43		2.98	
<i>Chlorine (Gallons)</i>	13,425		20,370	
<i>Leachate(Gallons)</i>	148,500		121,000	

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.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	344.28	302.65	7.011	653.94	39.31
GREEN + LANDERS		309.66			
APPORTIONMENT	52.65%	47.35%			
			100%		

WINSTON-GREEN WWTF

September 2024

SYSTEM CLASSIFICATION: IV PERMIT # 100554
 COUNTY: DOUGLAS

POPULATION: 10000 TYPE: RBC / ACTIVATED SLUDGE

FILE # 98400

BIOSOLIDS

D	TOTAL FLOW MGD	INF PH	INF CBOD mg/l	INF SS mg/l	NH3 N EFF	TKN EFF	NO2 EFF	NO3 EFF	TOTAL P EFF	EFF PH	EFF TEMP MAX	EFF CBOD mg/l	% REM CBOD	LBS DIS	EFF SS mg/l	% REM SS	LBS DIS	CL2 RES mg/l	CL2 USED GAL.	ECOLI COL	BIOSOLIDS LAND gallons	DRYING BEDS gallons	RAIN FALL inches
1	1.157	7.3								7.0	24.6							0.06	455				
2	1.256	7.3								7.1	24.2							0.07	455	<1			
3	1.107	7.4								7.1	24.3							0.07	445	3.1	13,500		
4	1.127	7.3	235	388	1.77	2.93	0.46	16.1	2.3	7.0	24.5	5.2	98%	49	3.4	99%	32	0.08	448				
5	1.202	7.4								7.2	24.7							0.08	457				
6	1.193	7.3	224	306	1.57					7.0	24.9	5.4	98%	54	4.6	98%	46	0.06	456		4,500		
7	1.181	7.4								7.2	24.7							0.07	452				
8	1.203	7.3								7.1	24.8							0.05	458	<1			
9	1.155	7.4	214	423	1.08	4.00	0.33	15.4	1.1	7.1	24.8	5.4	97%	52	4.0	99%	39	0.08	452	2.0	13,500		
10	1.153	7.4								7.1	24.7							0.06	448		13,500		
11	1.157	7.3	165	262	0.42					7.0	23.9	5.0	97%	48	3.4	99%	33	0.08	445				0.35
12	1.558	7.5								7.2	24.1							0.07	440				0.01
13	1.151	7.3	258							7.2	24.1	4.5	98%	43				0.08	438				
14	1.555	7.4								7.3	24.1							0.04	434				
15	1.123	7.4								7.0	23.6							0.07	445	<1			0.03
16	1.085	7.5	221	297	1.34	4.28	0.30	16.3	1.0	7.2	23.6	4.1	98%	37	1.2	100%	11	0.08	435	<1	13,500		
17	1.019	7.4								7.0	23.2							0.09	389		9,000		0.03
18	1.176	7.4	186	260	0.72					7.1	23.8	4.9	97%	48	3.6	99%	35	0.06	451				
19	1.162	7.3								7.3	23.8							0.05	453		4,500		
20	1.164	7.4	233	281						7.2	23.5	3.1	99%	30	3.8	99%	37	0.06	454				
21	1.117	7.4								7.3	23.2							0.03	447				
22	1.204	7.4								7.1	23.2							0.04	458	<1			
23	1.200	7.2	190	311	1.49	4.55	0.26	15.6	2.5	7.0	23.5	2.8	99%	28	2.6	99%	26	0.07	457	<1	9,000		
24	1.119	7.3								7.1	23.9							0.05	447		4,500		
25	1.134	7.2	206	251	0.70					7.1	23.4	4.1	98%	39	3.2	99%	30	0.06	445		4,500		0.01
26	1.144	7.4								7.2	23.4							0.03	448		9,000		
27	1.229	7.7	169	308						7.0	23.3	2.2	99%	23	2.6	99%	27	0.04	456		9,000		
28	1.179	7.3								7.1	23.3							0.06	454				
29	1.189	7.4								7.1	22.9							0.04	456	<1			
30	1.115	7.2	180	306	1.25	4.05	0.19	15.2	0.8	7.1	22.5	2.6	99%	24	3.4	99%	32	0.04	447	<1	22,500		
TOT	35.51													475			347		13,425		130,500	0	0.43
MAX	1.558	7.7	258	423	1.77	4.55	0.46	16.3	2.5	7.3	24.9	5.4	99%	54	4.6	100%	46	0.09	458	3.1	22,500	0	0.35
MIN	1.019	7.2	165	251	0.42	2.93	0.19	15.2	0.8	7.0	22.5	2.2	97%	23	1.2	98%	11	0.03	389	<1	4,500	0	0.01
AVG	1.184	7.4	207	308	1.15	3.96	0.31	15.7	1.5	7.1	23.9	4.1	98%	40	3.3	99%	32	0.06	448		10,038		0.09

LBS AVG

29.86

EXCESS THERMAL LOAD WEEKLY AVG. Mkcals/day	EFF TEMP @ WEEKLY AVG.
1	29.2
8	30.7
15	23.5
22	24.1

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>
9/9	7:20 AM	13.7	8.31	9/10	10:27 AM	13.7	8.31	9/11	1:11 PM	16.2	8.37
9/9	9:15 AM	13.7	8.31					9/11	3:00 PM	16.2	8.19

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

<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>
9/12	10:50 AM	18.3	8.20	9/13	7:30 AM	15.7	8.18	9/14	7:00 AM	18.7	8.25
9/12	12:26 PM	18.3	8.12								
9/12	1:46 PM	18.3	8.14								
9/12	3:06 PM	18.3	8.11								

Total Gallons: 22,000 4 Total Gallons: 5,500 1 Total Gallons: 5,500 1

<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>
9/15	9:00 AM	18.7	8.25	9/16	1:25 PM	16.6	8.13	9/17	7:44 AM	18.6	8.21
9/15	10:45 AM	18.7	8.18	9/16	2:58 PM	16.6	8.09				
9/15	12:30 PM	18.7	8.15								
9/15	1:15 PM	18.7	8.08								
9/15	2:40 PM	18.7	8.07								
9/15	3:50 PM	18.7	8.03								

Total Gallons: 33,000 6 Total Gallons: 11,000 2 Total Gallons: 5,500 1

<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>
9/19	7:50 AM	9.94	8.60								
9/19	8:10 AM	9.94	8.25								
9/19	9:45 AM	9.94	8.28								
9/19	11:32 AM	9.94	8.25								
9/19	12:48 PM	9.94	8.15								
9/19	2:19 PM	9.94	8.16								
9/19	3:33 PM	9.94	8.14								

Total Gallons: 38,500 7 Total Gallons: 0 0 Total Gallons: 0 0

<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>

Total Gallons: 0 0 Total Gallons: 0 0 Total Gallons: 0 0

<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>

Total Gallons: 0 0 Total Gallons: 0 0 Total Gallons: 0 0

<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>

