



GREEN AREA WATER & SANITARY AUTHORITY

RECEIVED

JAN 20 2023

Water Leak Credit Request



BY: _____

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

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

SECTION 1 - TO BE COMPLETED BY THE CUSTOMER

UTILITY CUSTOMER INFORMATION		(Please type or print clearly)
Customer Name: <i>Stefan Van Norman</i>	Service Address: <i>5280 Grange Rd Roseburg, OR 97471</i>	
Daytime Phone: <i>(541) 430-8569</i>	Account Number: <i>11242000</i>	
REPAIR DATE	LEAK REPAIR RECEIPTS - PLEASE ATTACH	
Date Leak Repaired: <i>12-21-22</i>	<input checked="" type="checkbox"/> Attached	
Brief Description of Leak Failure and Repair: <i>underground leak off main line to house</i>		
I certify that I am the account holder and that the leak has been repaired. I request that Green Area Water & Sanitary Authority consider my request for a water leak credit.		
Customer Signature <i>[Signature]</i>	Date <i>1-20-23</i>	

SECTION 2 - TO BE COMPLETED BY AUTHORITY BILLING DEPT

Date Form Received: <i>1/20/23</i>	Meter Read Date to use for Water Leak Credit Evaluation: <i>9/10; 10/10; 11/10; 12/10 1/10/23</i>	If Credit Granted, Utility Bill Anticipated to Show the Credit Amount:
Estimated leak period based on consumption history (attach service history):	<i>8/10/22 - 1/10/23</i>	
Estimated normal billing during leak period: _____	Leak month billing:	<i>796.15</i>
Past average normal billing in same billing cycle (or est avg billing if less than 1 yr of svc): <small>(NOTE: if estimating average consumption, attach calculation documentation)</small>	<i>(172.00)</i>	
Estimated leak billing of the leak billing period divided by 2=	<i>624.15 / 2 = 312.08</i>	
Leak gallons vs. normal usage gallons:	<i>238800 vs 20000 gallons</i>	
Calculated water leak credit amount:	<i>\$100.00 max 312.08</i>	
Reviewer's Initials:	Approver's Initials:	<input type="checkbox"/> Credit Granted
		<input type="checkbox"/> Credit Denied
		If Leak Credit Granted:
		Date Applied: _____ Initials: _____

STEFAN VAN NORMAN - 11242000

5280 GRANGE RD

DTD	BILLED	SUB SEWER	WATER ONLY
1/24/23	152.20	38	114.20
12/21/22	531.25	38	493.25
11/22/22	112.30	38	74.30
10/24/22	92.35	38	54.35
9/23/22	98.05	38	60.05
<hr/>			
796.15 LEAK BILLING MONTH			

DTD	BILLED	SUB SEWER	WATER ONLY
2/4/22	72.40	38	34.40
12/23/21	31.55	0	31.55
11/23/21	34.40	0	34.40
10/25/21	34.40	0	34.40
9/24/21	37.25	0	37.25
<hr/>			
172.00 EST NORMAL BILLING DURING LEAK PERIOD			

796.15 LEAK BILLING MONTH

172.00 PAST AVG NORMAL BILLING

624.15 SUB TOTAL

EST LEAK BILLING OF THE LEAK BILLING

624.15 PERIOD DIVIDED BY 2

312.08 CALCULATED WATER LEAK CREDIT AMOUNT

PRIOR READ CURRENT

DTD	READ DTD	ACTUAL
12/10/22	1/10/23	31700
11/10/22	12/10/22	164700
10/10/22	11/10/22	18000
9/10/22	10/10/22	10700
8/10/22	9/10/22	13200
		<hr/>
		238300

PRIOR READ CURRENT

DTD	READ DTD	ACTUAL
12/10/21	1/10/22	3500
11/10/21	12/10/21	3400
10/10/21	11/10/21	3700
9/10/21	10/10/21	4300
8/13/21	9/10/21	5100
		<hr/>
		20000

Stratton Bros.
 200 Buckhorn Rd
 Roseburg OR 97470

Phone 541-673-0460
 Fax 541-672-8726
 sbrospaving@gmail.com

Invoice

DATE	INVOICE #
12/23/2022	2022-260

Stefan Vannaorman
 5280 Grange Rd
 Roseburg OR 97471

RECEIVED

JAN 20 2023

BY: _____

541-430-8569

E-mail

PROJECT		P.O. NO.	TERMS		
DATE	ITEM	DESCRIPTION	QTY	RATE	AMOUNT
12/21/2023	Labor	Water leak repair - Failed glue joint. repaired. turned water on and another glue joint failed. Back second day with additional parts the rebuild the hose bib section.	3.5	160.00	560.00
12/22/2023	Labor	Labor - Price per hr. (2 people)	4	160.00	640.00
	Materials	Materials, Lump sum.		71.90	71.90
			Total		\$1,271.90

Please make checks payable to: Stratton Bros. Inc., 200 Buckhorn Rd., Roseburg OR 97470
 Payment Is Due In-Full upon completion and billing. Any unpaid balance is subject to a 2% (24% per year) service charge after 30 days.

MINUTES OF THE GREEN AREA WATER & SANITARY AUTHORITY
BOARD OF DIRECTORS MEETING
January 12, 2023

Board Secretary Steve Lusch called the regular Board meeting to order at 5:00pm.

BOARD DIRECTORS PRESENT:

Steve Lusch, Secretary
Carolyn White
Brenda Kingry, Treasurer

ABSENT:

Tom Fullbright
Tracey Parker, Chair

GAWSA STAFF PRESENT:

David Campos, General Manager
Alan Paulson, Operations Manager
Shannon Miller, Collection System Supervisor
Dan Radford, Water Distribution Supervisor

ALSO PRESENT:

Chris Sherlock, City of Winston Wastewater Treatment Plant Superintendent

Board member Brenda Kingry made a motion to approve the December Board meeting minutes and accounts payable. Director Carolyn White seconded the motion. The motion carried unanimously.

David Campos presented the General Manager's report. David stated that a holiday luncheon was held for GAWSA staff, in conjunction with the monthly staff safety meeting. The staff members were appreciative of their holiday cash gift.

David presented a 12-month lease renewal for the GAWSA pastureland on Holgate Street, currently leased to Cody Sandberg. Director Kingry made a motion to approve the 12-month lease to Cody Sandberg. Director White seconded the motion. The motion passed unanimously.

David presented a draft of the Third Extension to Leachate Agreement No. 30000175, an agreement between GAWSA, the City of Winston, and Douglas County, to receive and treat leachate from the Douglas County Landfill. After brief discussion, Director Kingry made a motion to approve the third extension of the leachate agreement. Director White seconded the motion. The motion passed unanimously.

David presented Resolution No. 2023-01-01, a resolution declaring an emergency due to a sanitary sewer overflow. David stated that, after consulting with general counsel and also speaking with Winston City Manager Mark Bauer, it was determined that declaring an emergency was the best course of action to proceed with repairing the affected sewer pipe crossing Highway 42, along with the adjacent manhole. After a brief discussion, Director White made a motion to adopt Resolution 2023-01-01. Director Kingry seconded the motion. The adoption of the resolution passed unanimously.

MINUTES OF THE GREEN AREA WATER & SANITARY AUTHORITY
BOARD OF DIRECTORS MEETING
January 12, 2023

David then added that, in his conversation with Mark Bauer, they both agreed that GAWSA and the City of Winston should establish an Intergovernmental Agreement (IGA) for general shared services and equipment.

David informed the Board that he met with Guy Kennerly and Umpqua Insurance staff to discuss the upcoming property, liability, auto, and cyber insurance policy renewals. David stated that the overall premium increase will be approximately 5% for 2023, and health insurance premiums will also see an estimated increase of 5%.

David stated that the Special Districts Association of Oregon (SDAO) annual conference will be held February 9-11 in Sunriver. The February Board meeting is scheduled for February 9. David requested that the meeting either be moved to Wednesday, February 8, or to Thursday, February 16. David added that he anticipates Board Chair Tracey Parker will resume her attendance of meetings in February. The latter date would be more appropriate to accommodate Chair Parker's return, along with planned final oaths for Boards of Trustees for the dissolved districts. The consensus of the Board was to move the Board meeting to February 16.

Collections System Supervisor Shannon Miller presented the sanitary operations report. Shannon stated that the existing agreement with the City of Winston for the wastewater treatment plant operations will eventually need to be revisited, which would include establishing a new agreement under GAWSA. David added that it would be ideal to revisit the existing treatment plant agreement and also establish a general Intergovernmental agreement at the same time.

Operations Manager Alan Paulson delivered the water operations report. Alan informed the Board that we are expecting delivery of the mobile water purification system trailer very soon, and asked if we should issue a press release. The consensus was to issue a press release upon receiving the trailer, which was awarded to Roberts Creek Water/GAWSA as part of the Oregon Office of Emergency Management SPIRE Grant. Alan added that it would be a good idea to establish a general IGA with the Winston Dillard Water District should they experience a significant water event that would necessitate use of the trailer.

Director Lusch asked whether there was any news on the repair of the Vac-Con truck. Shannon stated that the truck has been sent to Webfoot International for repair, and we should hear more soon on the truck's status.

Wastewater Treatment Plant Superintendent Chris Sherlock presented his report. Chris stated that the WAS actuator has recently been installed. Chris added that digester #1 is up and going and #2 is still producing some gas. A boiler technician recently visited to troubleshoot.

Secretary Lusch called the meeting into executive session at 5:19pm in accordance with ORS 192.660(2)(i) for the purposes of performance evaluation of Authority Manager. Staff and visitors present were excused from the meeting, with the exception of the General Manager.

MINUTES OF THE GREEN AREA WATER & SANITARY AUTHORITY
BOARD OF DIRECTORS MEETING
January 12, 2023

Secretary Lusch closed the executive session at 5:39pm and reconvened the regular Board meeting. Director White made a motion to advance General Manager David Campos to Step 5 of the General

Manager salary scale, with retroactive pay to October 2022. Director Kingry seconded the motion. The motion passed unanimously.

For the good of the order, Director White discussed that she was not sure if she would be able to attend meetings in the near future due to potential changes at her employer. A discussion followed, and the consensus of the Board was that they would like Director White to remain on the Board and see how these develop.

There being no further business before the Board, Secretary Lusch made a motion to adjourn the meeting. Director White seconded the motion. Director Lusch adjourned the meeting at 5:51 pm.

Steve Lusch, Board Secretary

Tracey Parker, Board Chair

GREEN AREA WATER & SANITARY AUTHORITY

Plant Expense Detail

January 31, 2023

Expense	Check	Name	Memo	Amount
650-2 · O & M Regional WWTP				
71-0110 · Office Supplies				
	14586	Goin' Postal	Receipt: 104582 / Shipping Fee	11.37
	14595	Staples Credit Plan	Inv: 3208902441 / Office Supplies	19.98
	14595	Staples Credit Plan	Inv: 3209306241 / Office Supplies	323.74
Total 71-0110 · Office Supplies				<u>355.09</u>
71-0120 · Tools & Spare Parts				
	14580	Amazon Capital Services	Inv: 17DL-6JQG-6QPV / Joint Kit and Bearings	284.62
	14580	Amazon Capital Services	Inv: 1V96-77CN-31V9 / Transmitter	659.72
	14581	Card Member Services	Sand for Sandblaster	33.00
	14591	Platt Electric Supply	Inv: 3P95863 / GFCI Receptacle	77.50
	14592	Preferred Pump	Order: 81040556-00 / Pump End	2,664.00
Total 71-0120 · Tools & Spare Parts				<u>3,718.84</u>
71-0130 · Equipment Maintenance/Repair				
	14580	Amazon Capital Services	Inv: 1WVF-1VY7-C3LJ / Plate	153.90
	14581	Card Member Services	Auto supplies	15.98
	14587	Grainger	Inv: 9530991018 / Coupling	128.05
	14587	Grainger	Inv: 9540427995 / Coupling	(113.50)
Total 71-0130 · Equipment Maintenance/Repair				<u>184.43</u>
71-0140 · Equipment Operation & Material				
	14593	Shirtcliff Oil Company	Inv: 971701 / Fuel	144.30
Total 71-0140 · Equipment Operation & Material				<u>144.30</u>
71-0160 · Phone				
	14582	CenturyLink	Security Gate Phone Line 1/11-2/11	45.00
Total 71-0160 · Phone				<u>45.00</u>
71-0190 · Building Maintenance				
	14584	Coopers Pest Control	Inv: 18723 / Pest Control-January	115.00
	14585	Douglas County Solid Waste	Inv: 667996 / Grit and Screenings	216.20
	14585	Douglas County Solid Waste	Inv: 669310 / Grit and Screenings	174.84
Total 71-0190 · Building Maintenance				<u>506.04</u>
71-0200 · Electricity				
	14590	Pacific Power	Utilities 12/5-1/5	11,805.10
Total 71-0200 · Electricity				<u>11,805.10</u>
71-0210 · Water & Other Utilities				
	14588	GAWSA	Water Charges 11/10-12/10	565.90
	14588	GAWSA	Water Charges 12/10-1/10	491.80
Total 71-0210 · Water & Other Utilities				<u>1,057.70</u>
71-0240 · Lab				
	14596	Umpqua Research Company	Inv: M068452 / Lab Testing	135.00
	14596	Umpqua Research Company	Inv: M068803 / Lab Testing	135.00
	14596	Umpqua Research Company	Inv: M069302 / Lab Testing	135.00
	14597	USABlueBook	Inv: 232957 / Lab Materials	855.18
	14597	USABlueBook	Inv: 220516 / Lab Materials	363.38
Total 71-0240 · Lab				<u>1,623.56</u>
71-0250 · Personal Protective Equipment				
	14583	CINTAS CORP	Inv: 4139069619 / Uniforms	80.08
	14583	CINTAS CORP	Inv: 4139757740 / Uniforms	80.08
	14583	CINTAS CORP	Inv: 4140457086 / Uniforms	85.76
	14583	CINTAS CORP	Inv: 4141177245 / Uniforms	85.76
	14583	CINTAS CORP	Inv: 4141786772 / Uniforms	88.40
Total 71-0250 · Personal Protective Equipment				<u>420.08</u>

GREEN AREA WATER & SANITARY AUTHORITY
Plant Expense Detail
 January 31, 2023

71-0390 · Dues & Subscriptions	Check	Name	Memo	Amount
	14589	Oregon Assn of Clean Water Agencies	Inv: 8611 / Membership Dues	405.00
	14594	Staples Credit Plan	Late Fees for Membership Dues	17.00
				<u>422.00</u>
Total 71-0390 · Dues & Subscriptions				<u>422.00</u>
Total 650-2 · O & M Regional WWTP				<u>20,282.14</u>
Total Expense				<u>20,282.14</u>

GREEN AREA WATER & SANITARY AUTHORITY
GAWSA Expense Detail
January 2023

Num	Name	Memo	Amount
506-1 · Health Ins Benefits- WA			
10832	SDIS	February health and supplemental premiums	4,017.74
Total 506-1 · Health Ins Benefits- WA			4,017.74
506-2 · Health Ins Benefits - SA			
10832	SDIS	February health and supplemental premiums	4,017.74
Total 506-2 · Health Ins Benefits - SA			4,017.74
515-1 · Office Supplies - WA			
10814	CANON SOLUTIONS AMERICA, INC.	Inv #6002764762 / Office copier maintenance 11/20 - 12/19	58.58
Total 515-1 · Office Supplies - WA			58.58
516-1 · Communication/IT - WA			
10818	DOUGLAS FAST NET	Water office phone/fax/internet - January	109.97
10834	SYSTECH CONSULTING, LLC	Inv #5445 / Managed service plan November	577.00
10834	SYSTECH CONSULTING, LLC	Inv #5916 / Managed service plan December	577.00
Total 516-1 · Communication/IT - WA			1,263.97
516-2 · Communication/IT - SA			
10818	DOUGLAS FAST NET	Sanitary office phone/fax/internet - January	479.51
10834	SYSTECH CONSULTING, LLC	Inv #5445 / Managed service plan November	577.00
10834	SYSTECH CONSULTING, LLC	Inv #5916 / Managed service plan December	577.00
Total 516-2 · Communication/IT - SA			1,633.51
517-1 · Utilities- WA			
10809	AVISTA UTILITIES	4336 Old Hwy 99 - Water office	122.16
Total 517-1 · Utilities- WA			122.16
517-2 · Utilities- SA			
10809	AVISTA UTILITIES	3879 Old Hwy 99 - Sanitary office	261.63
10829	PACIFIC POWER	Sewer office electricity	289.52
Total 517-2 · Utilities- SA			551.15
518-1 · R & M Office - WA			
10819	EXODUS PEST CONTROL	Inv #71792 / water office pest control	28.00
10827	OREGON LINEN	Inv #885332 / rug service - Water Office	66.55
Total 518-1 · R & M Office - WA			94.55
518-2 · R & M Office - SA			
10833	STAPEL PEST SOLUTIONS	Inv #311054 / December pest control service - sanitary office	45.00
Total 518-2 · R & M Office - SA			45.00
520-1 · Liability/Auto Insurance - WA			
10811	UMPQUA INSURANCE	Inv #163203 / EHJ-ADL02591485 / Cyber Liability policy 2023	1,205.00
Total 520-1 · Liability/Auto Insurance - WA			1,205.00
520-2 · Liability/Auto Insurance - SA			
10811	UMPQUA INSURANCE	Inv #163203 / EHJ-ADL02591485 / Cyber Liability policy 2023	1,205.00
10832	SDIS	February health and supplemental premiums	5,997.52
Total 520-2 · Liability/Auto Insurance - SA			7,202.52
523-1 · Dues & Subscriptions - WA			
10808	AWWA	Membership renewal for 03695334	127.50
Total 523-1 · Dues & Subscriptions - WA			127.50
523-2 · Dues & Subscriptions - SA			
10808	AWWA	Membership renewal for 03695334	127.50
Total 523-2 · Dues & Subscriptions - SA			127.50
525-2 · Misc Expense - SA			
10839	WELLS FARGO BANK	Finance charge on final stmt	28.21
Total 525-2 · Misc Expense - SA			28.21
526-2 · Rental Property Maintenance			
10829	PACIFIC POWER	Holgate rental electricity	41.86
10829	PACIFIC POWER	Harmony rental electricity	18.73
Total 526-2 · Rental Property Maintenance			60.59

GREEN AREA WATER & SANITARY AUTHORITY
GAWSA Expense Detail
January 2023

Num	Name	Memo	Amount
530-1 · Utility Mgmt Solution/CWP - WA			
ACH	BMS TECHNOLOGIES	Inv #80618 / December billing statements	1,005.51
Total 530-1 · Utility Mgmt Solution/CWP - WA			1,005.51
530-2 · Utility Mgmt Solution/CWP - SA			
ACH	BMS TECHNOLOGIES	Inv #80618 / December billing statements	1,005.51
Total 530-2 · Utility Mgmt Solution/CWP - SA			1,005.51
533-1 · Merchant Service Fees - WA			
10815	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #R12367 / Oct Echeck and ACH fees	7.40
10815	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #R12656 / Nov merchant services	988.72
10815	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #R12799 / Nov Echeck and ACH fees	13.15
10815	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #R13120 / Dec merchant services	979.08
Total 533-1 · Merchant Service Fees - WA			1,988.35
533-2 · Merchant Service Fees - SA			
10815	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #R12367 / Oct Echeck and ACH fees	7.40
10815	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #R12656 / Nov merchant services	988.73
10815	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #R12799 / Nov Echeck and ACH fees	13.15
10815	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #R13120 / Dec merchant services	979.08
Total 533-2 · Merchant Service Fees - SA			1,988.36
535-1 · Contract Services - Meter Reads			
10824	METEREADERS, LLC	Inv #10552 / December meter readings	2,373.75
Total 535-1 · Contract Services - Meter Reads			2,373.75
606-1 · Health Ins. Benefits - WO			
10832	SDIS	February health and supplemental premiums	12,092.12
Total 606-1 · Health Ins. Benefits - WO			12,092.12
610-1 · Vehicle/Equipment O & M - WO			
10810	NAPA AUTO PARTS	Inv #880039 / PO 18054 / fuses for Vactron	5.18
10810	NAPA AUTO PARTS	Inv #881094 / PO 18069 / oil, oil filter for silver Dodge	50.46
10813	BASSETT-HYLAND ENERGY	Fuel 12/1 - 12/15 Inv #CL12202	294.37
10813	BASSETT-HYLAND ENERGY	Fuel 12/15 - 12/31 Inv #CL12575	284.75
Total 610-1 · Vehicle/Equipment O & M - WO			634.76
610-2 · Vehicle/Equipment O & M - SO			
10812	BENTLEY WELDING, INC.	Inv. #66095 / PO 18071 / Flusher truck repair	2,381.40
10813	BASSETT-HYLAND ENERGY	Fuel 12/1 - 12/15 Inv #CL12202	91.11
10813	BASSETT-HYLAND ENERGY	Fuel 12/15 - 12/31 Inv #CL12575	337.27
Total 610-2 · Vehicle/Equipment O & M - SO			2,809.78
611-1 · Dues/Fees/Subscriptions- WO			
10825	ONE CALL CONCEPTS, INC.	Inv #2120697 / December locates - water	21.60
10826	OHA - CASHIER	2023 Certifications renewal - WH D-08704 / T-08468	210.00
Total 611-1 · Dues/Fees/Subscriptions- WO			231.60
611-2 · Dues/Fees/Subscriptions- SO			
10825	ONE CALL CONCEPTS, INC.	Inv #2120697 / December locates - sewer	21.60
Total 611-2 · Dues/Fees/Subscriptions- SO			21.60
612-1 · Communication & IT - WO			
10818	DOUGLAS FAST NET	Carnes Internet January	84.39
10818	DOUGLAS FAST NET	WTP internet, phone, fax, alarm line - January	128.11
10837	VERIZON WIRELESS	Inv. #9923359610 / Tablet line	51.27
Total 612-1 · Communication & IT - WO			263.77
620-1 · R & M - Field WO			
10817	DOUGLAS CO. FARMERS CO-OP	Inv #53202 / PO 18053 / Nuts, bolts for 2" meter flanges	6.25
Total 620-1 · R & M - Field WO			6.25
621-1 · R & M - Dist Shop WO			
10838	WINSTON SANITARY SERVICE	Inv #283440 / 200G dumpster Carnes shop	90.60
Total 621-1 · R & M - Dist Shop WO			90.60

GREEN AREA WATER & SANITARY AUTHORITY
GAWSA Expense Detail
January 2023

Num	Name	Memo	Amount
624-1 · Utilities - Water Dist WO			
10809	AVISTA UTILITIES	3319 Carnes Rd. - Shop	505.93
10809	HIGHLANDS	237 Highland Vista - PS	17.00
Total 624-1 · Utilities - Water Dist WO			522.93
626-1 · Water Samples - WO			
10836	UMPQUA RESEARCH	M068730	192.00
10836	UMPQUA RESEARCH	M068937	135.00
Total 626-1 · Water Samples - WO			327.00
627-1 · Backflow Tests- WO			
10830	POPEYE'S PUMP & BACKFLOW	Inv #16706 / 4 non-comp backflow tests	180.00
Total 627-1 · Backflow Tests- WO			180.00
628-1 · Inventory Adjustment W			
10820	FERGUSON WATERWORKS #3011	Inv #1168885 / PO 18068 / 20 inline ball valves - customers	1,904.77
Total 628-1 · Inventory Adjustment W			1,904.77
641-2 · R & M Lines & Manholes - SO			
10831	SEALING SYSTEMS, INC.	Inv #12570 / PO 18074 / Manhole sealant	1,390.72
Total 641-2 · R & M Lines & Manholes - SO			1,390.72
642-2 · Tools & Supplies - SO			
10828	OREGON TOOL & SUPPLY	Inv 450667 / PO 18060 / misc tools for crew	66.80
Total 642-2 · Tools & Supplies - SO			66.80
647-2 · G4 Pumpstation - SO			
10818	DOUGLAS FAST NET	G4 alarm line - January	14.14
10829	PACIFIC POWER	G4 pump station electricity	1,406.46
Total 647-2 · G4 Pumpstation - SO			1,420.60
648-2 · O&M Pumpstations - SO			
10823	MISSION COMMUNICATIONS, LLC	Inv #1071573 / call-out system annual service	359.40
10829	PACIFIC POWER	Oak Creek pump station electricity	95.27
10829	PACIFIC POWER	Briarwood PS electricity	27.02
Total 648-2 · O&M Pumpstations - SO			481.69
700-1 · WTP R & M			
10821	HACH	Inv #13401492 / PO 18058 / raw turbidity meter	8,859.99
Total 700-1 · WTP R & M			8,859.99
701-1 · WTP Tools & Supplies			
10814	CANON SOLUTIONS AMERICA, INC.	Inv #6002764762 / Plant copier maintenance 11/20 - 12/19	7.12
10817	DOUGLAS CO. FARMERS CO-OP	Inv #53153 / PO 18049 / PVC cement for pipe repair @ WTP	12.49
10817	DOUGLAS CO. FARMERS CO-OP	Inv #53157 / PO 18050 / Rat traps and poison	34.15
10817	DOUGLAS CO. FARMERS CO-OP	Inv #53509 / PO 18059 / Hose bib cap for WTP	4.49
10835	USA BLUE BOOK	Inv #202601 / PO 18057 / test/sample items	531.00
Total 701-1 · WTP Tools & Supplies			589.25
709-1 · WTP Summer Stored Water			
10822	LOOKINGGLASS-OLALLA WATER CONT...	Customer #406, 2022 stored water reserve fee	2,175.00
Total 709-1 · WTP Summer Stored Water			2,175.00
712-2 · O&M Regional WWTP			
10816	CITY OF WINSTON	WWTP Personal Service - July	37,229.66
10816	CITY OF WINSTON	WWTP Personal Services - August	21,255.36
10816	CITY OF WINSTON	WWTP Personal Services - September	21,272.38
10816	CITY OF WINSTON	WWTP Personal Services - October	21,003.19
10816	CITY OF WINSTON	WWTP Personal Services - November	21,501.59
Total 712-2 · O&M Regional WWTP			122,262.18
TOTAL			185,248.61

GREEN AREA WATER & SANITARY AUTHORITY
GENERAL MANAGER'S REPORT
February 16, 2023

Third Leachate Extension

The Winston City Council approved the leachate extension, and it has been sent to the County. I spoke to Chris about the cost-to-treat analysis, and he stated that the rate charged for leachate treatment (\$.02/gallon) is still appropriate based on the current costs.

Board Room Update

The Board Room was recently painted by Roseburg Precision Painting. We have received 3 quotes for Board room/kitchen area cabinetry, which are currently being reviewed. We are also awaiting design and lighting options from Camp Creek Electric.

SDAO Annual Conference

Steve Lusch and I attended the annual conference in Sunriver. I had some good "take-aways" from the conference.

2023-2024 Budget Process

The Board will need to appoint a Budget Officer for the upcoming budget process. I have a tentative date of May 25th for the Budget Committee meeting.

Home Show March 3-5

GAWSA will have a booth at the main entrance of the conference hall. Staff will be operating the booth. We will be alongside RUSA and the DCUCC. Our booth will be well staffed so we may also provide support for the DCUCC booth as needed.

Water Treatment Plant Tours

We get complaints from customers about water taste and/or odor on occasion, and we see comments regarding the water on social media as well. One customer agreed to tour the water treatment facility after Jeremy addressed her complaint, so we thought of offering monthly water plant tours to the public. I also plan to reach out to the Green schools about plant tours for the students.

Green Area Water & Sanitary Authority
Customer Payment History - Summary

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

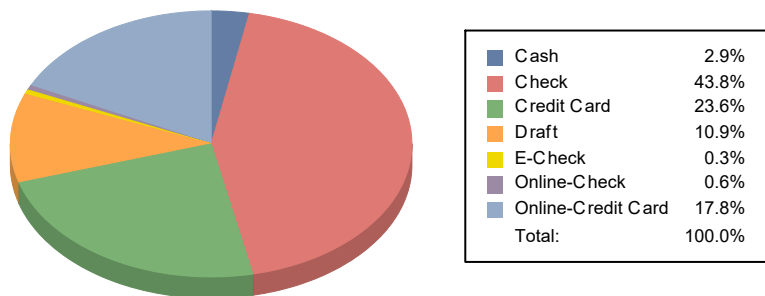
Payment Method	Quantity	Payment Amount
Cash	94	\$7,623.22
Check	1,406	\$143,712.54
Credit Card	759	\$60,169.46
Draft	349	\$32,863.74
E-Check	10	\$762.70
Online-Check	20	\$1,594.80
Online-Credit Card	573	\$46,171.08

Summary totals do not include reversed/transferred payments.

Service	Trans. Amount
Miscellaneous	\$(14,261.64)
Second Level Charge	\$(933.70)
Service Charge	\$(82,371.94)
Sewer	\$(130,461.61)
Water	\$(64,868.65)
Totals	\$(292,897.54)

Payment Method	Quantity	Payment Amount
Payment Source		
Amount		
Autopay		
Credit Card		\$(33,219.36)
Draft		\$(32,863.74)
		\$(66,083.10)
Customer Portal		
Online-Check		\$(1,594.80)
Online-Credit Card		\$(46,095.83)
		\$(47,690.63)
IVR		
Credit Card		\$(3,006.70)
E-Check		\$(421.50)
		\$(3,428.20)
Lockbox		
Check		\$(128,682.59)
		\$(128,682.59)
Manual		
Cash		\$(7,623.22)
Check		\$(15,029.95)
Credit Card		\$(23,943.40)
E-Check		\$(341.20)
Online-Credit Card		\$(75.25)
		\$(47,013.02)
Totals		\$(292,897.54)

Payment Breakdown



Green Area Water & Sanitary Authority Transaction List - Summary

Sort order: Customer No.

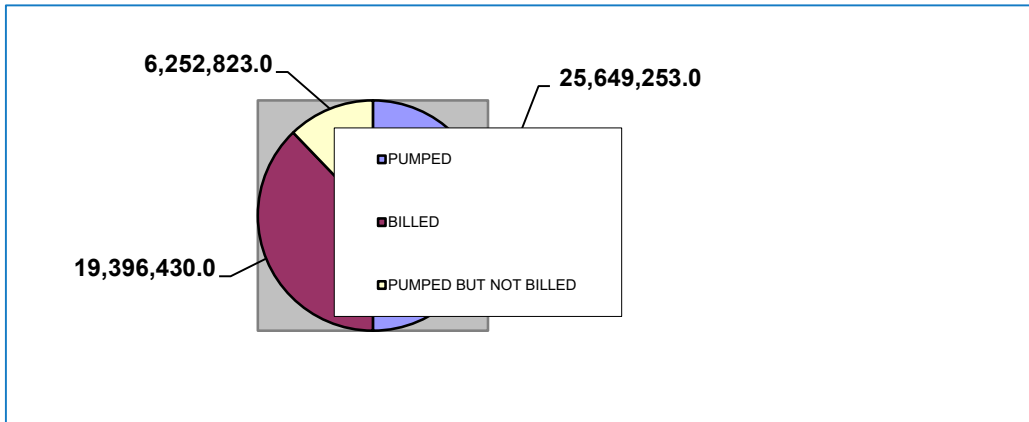
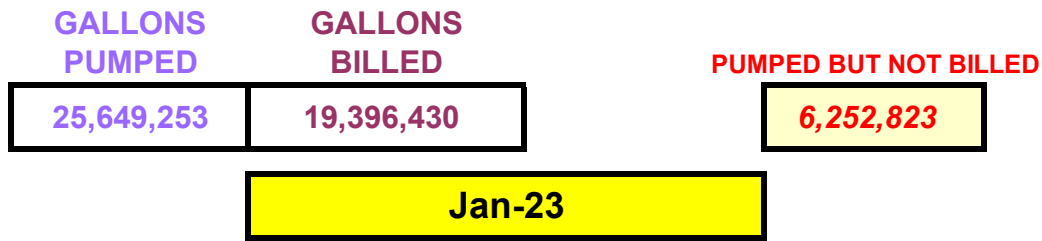
From: 1/1/2023 Through: 1/31/2023

Limited to :

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

Deposits Transaction Types:

Transaction Type	Applies To	Transaction Amount
Collection Write-Off	Water Charge	(\$141.20)
	Service Charge Charge	(\$193.04)
	Sewer Charge	(\$167.57)
		(\$501.81)
Delinquency	Water Penalty	\$2,535.00
	Water Shutoff	\$25.00
	Miscellaneous Interest	\$80.00
	Miscellaneous Penalty	\$25.00
	Service Charge Interest	\$600.00
	Service Charge Penalty	\$90.00
	Service Charge Shutoff	\$125.00
	Sewer Interest	\$20.00
	Sewer Penalty	\$225.00
	\$3,725.00	
Misc Chrg.	Miscellaneous (AF)	\$375.00
	Miscellaneous (BF)	\$1,125.00
	Miscellaneous (CLF)	\$50.00
	Miscellaneous (DHF)	\$100.00
	Miscellaneous (RF)	\$25.00
	\$1,675.00	
Grand Total:		\$4,898.19



30 DAYS IN BILLING CYCLE: 12/11/2022 - 01/10/2023

Repairs, leaks, etc. rendering unverifiable consumption

- 1/4/23 2103 EDNA CUSTOMER VALVE
- 1/5/23 HYLAND PUMP STATION REPLACE BATTERY
- 1/9/23 109 CAPITOLA CUSTOMER VALVE

2020-2021	DIFFERENCE	2021-2022	DIFFERENCE	2022-2023	DIFFERENCE
JULY	5,124,050	JULY	14,424,768	JULY	7,208,464
AUGUST	1,873,280	AUGUST	891,740	AUGUST	6,288,944
SEPTEMBER	7,835,590	SEPTEMBER	9,399,209	SEPTEMBER	6,173,568
OCTOBER	1,704,864	OCTOBER	6,648,943	OCTOBER	1,558,200
NOVEMBER	3,603,559	NOVEMBER	5,345,660	NOVEMBER	3,277,798
DECEMBER	5,821,078	DECEMBER	5,288,999	DECEMBER	4,326,723
JANUARY	8,863,858	JANUARY	4,577,755	JANUARY	6,252,823
FEBRUARY	5,784,803	FEBRUARY	6,488,224	FEBRUARY	
MARCH	6,445,800	MARCH	5,547,050	MARCH	
APRIL	8,701,086	APRIL	7,211,784	APRIL	
MAY	5,314,222	MAY	5,995,498	MAY	
JUNE	6,358,042	JUNE	6,966,924	JUNE	

SANITARY OPERATIONS REPORT

February 9, 2023

Construction Projects

- Green Family Housing, 90 units, 4 buildings, ie Engineering.
 - Project still in final design and wetland approval process.
- Tatone Harmony Duplexes, line extension, ie Engineering.
 - Still out for DEQ design review, it looks like things are finally getting wrapped up.

Collection System

- Hwy 42 Emergency Crossing.
 - 12" HDPE 3 week availability.
 - HDPE Manhole scheduled for manufacturing February 13, 2023.
 - ODOT Permit in the works.
- Manhole inspections project moving to 'R' Basin.
- TV annual project starting up again.
 - 'R' Basin, flushing and CCTV underway.
 - Systech is working on an upgrade estimate for OS and hardware for the TV computer.
- VAC-CON truck is at Webfoot International in Medford for repair, scheduled for next week.
- STEP systems annual maintenance completed.
- Post-TV excavation list will start this month.
- Post-TV reports review and mapping update underway.
- Manhole rehab list underway for I&I.

G4 and Pump Stations

- GAWSA Pump Stations ran well, with typical operation and maintenance.
- Generator at G4 is up for annual service, scheduled for March.

Wastewater Treatment Plant and Properties

- Nothing new to report.

Meetings and Conferences

- I attended the DCUCC meeting this month.

Lateral Inspections

- 10 Inspections.
 - 2113 Austin, I&I roots and C/O.
 - 123/125, 127/129, 131/133, 135/137 Liberty Ln, new installations.
 - 141 Jensen Ct.

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
February 2023

The office staff recently took a tour of the water treatment facility.

The delivery date for the water purification trailer has still not been confirmed. They will send out a draft of the press release when they confirm the delivery date.

We have a couple of crew members attended a certification review class last week, as well as crew members that will be attending the OAWU conference in March.

We had a mainline break on Grant Smith Rd. that required the relocation of two water meters. I will explain the significance of this at the board meeting and give an outline of our long term solution to the issue.

We have started our annual “air release valve” maintenance this month. As soon as that is complete, we will commence our annual valve turning program. We will begin with our distribution system valves, then move onto the hydrant valves.

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

WINSTON-GREEN REGIONAL WASTEWATER TREATMENT PLANT OPERATIONS
January Weekly Report

January 6th

- Christensen Electric onsite installing de-ragger system for influent pumps
- Installed/ repaired wash water pump # 3
- Douglas County Hauled for 48 hours straight during the new years holiday
- Cole Industrial onsite to work on Boiler # 1
 - The problem is still not solved. We have a contacted Walker Process for additional information on 2 timers that were replaced
- Process adjustment made to Aeration Basin to handle additional flows
- Tore apart and cleaned influent bar screen

January 13

- Oil and filter change on genset # 2
- Replaced oil seal on Gravity Belt Thickener
- Cable of Flag Pole Broke
 - Flag pole taken down and cable replaced
- Storm Water Sample
- Oil Change in Polaris Ranger
- Acid washed flame arrestor on digester # 2
- Cleaned Influent Pumps
- Cleaned Wet well
 - Removed another board from the failed GAWSA line
- Worked on boiler
 - We now have it running in “Auto” so it will switch back and forth from digester and natural gas
- Began Annual Bio-Solids Report

January 20th

- Cleaned Wet Well
- Cleaned Influent Pumps 1, 2, and 3
- Worked on Bio-Solids Report
- Contacted lab in California for Class A bio-solids testing
- Digester # 2 is still producing gas, once it is done producing gas we will turn off the boiler heating it
- Weekend operator is on vacation, staff has been covering his weekend shifts
- Replaced U-Joint on influent pump # 2

January 27th

- Cleaned Wet Well
- Cleaned Influent Pumps 1, 2, and 3
- Worked on Bio-Solids Report
- Sent off bio-solids for class A testing
- Received order of Salt

WINSTON-GREEN REGIONAL WASTEWATER TREATMENT PLANT OPERATIONS
January Weekly Report

- Received order of de-chlor chemical
- Repaired chlorine generation system side A
- Digester # 2 has stopped producing gas, the temperature will be turned up to 115F to destroy any anaerobic bacteria left in the system

FLOW ALLOCATION CHART

MONTH	WINSTON MG	GREEN MG	LANDERS LN. MG	TOTAL MG	RAINFALL
Jan.23	40.77	33.62	0.764	75.15	2.64
Feb.22	18.32	19.47	0.445	38.24	0.85
Mar.22	28.65	28.44	0.723	57.81	3.07
Apr.22	36.50	29.80	0.808	67.11	5.16
May.22	29.32	24.22	0.526	54.07	2.66
June.22	27.72	22.73	0.520	50.96	3.92
July.22	18.19	18.56	0.392	37.14	0.50
Aug.22	15.98	18.79	0.390	35.17	0.00
Sept.22	15.54	18.82	0.523	34.88	1.04
Oct.22	16.72	19.81	0.378	36.90	1.54
Nov. 22	21.62	25.09	0.443	47.15	4.61
Dec.22	32.73	35.58	0.711	69.01	6.21
TOTAL	302.06	294.91	6.622	603.60	32.20
GREEN + LANDERS		301.54			
APPORTIONMENT	50.04%	49.96%			
			100%		

Winston- Green WWTF Staff Report

January 2023

General

1.) Plant Influent Flow (MG	<u>2023</u>	<u>2022</u>
<i>Winston</i>	40.773 55%	38.710 56%
<i>Green</i>	33.618 45%	30.965 44%
<i>Rainfall</i>	2.64 Inches	3.29 Inches
<i>Chlorine (Gallons)</i>	24,449	39,318
<i>Leachate</i>	1,660,250 gallons	1,265,000 Gallons

Bio-Solids

- 1.) Storing Bio-Solids
- 2.) Worked on Annual Bio-Solids Report

Winston-Green WWTF

January 2023

SYSTEM CLASSIFICATION: IV PERMIT # 100554
 COUNTY: DOUGLAS

FILE # 98400

POPULATION: 10000

TYPE: RBC / ACTIVATED SLUDGE

D A T E	TOTAL FLOW MGD	INF PH	INF BOD mg/l	INF SS mg/l	NH3 N EFF	EFF PH	EFF TEMP MAX	EFF BOD mg/l	% REM BOD	LBS BOD DIS	EFF SS mg/l	% REM SS	LBS DIS SS	CL2 RES mg/l	CL2 USED GAL.	CL2 USED LBS	ECOLI COL	BIOSOLIDS		RAIN FALL inches
																		LAND gallons	DRYING BEDS gallons	
1	3.436	7.3				7.4	13.5							0.04	870	58.0				
2	2.879	7.3				7.3	13.6							0.06	858	57.2				0.05
3	2.449	7.3	255	178	11.10	7.1	13.6	12.2	95%	249	6	97%	118	0.04	803	53.6	1.0			
4	2.366	7.2	269	217	5.64	7.3	13.9	12.4	95%	245	6	97%	122	0.08	799	53.3	2.0			0.13
5	2.160	7.4				7.5	14.1							0.01	778	51.9				0.01
6	2.013	7.3	341	237		7.2	14.2	13.4	96%	225	4	98%	74	0.02	754	50.3				0.01
7	2.199	7.3				7.4	14.2							0.07	767	51.2				0.28
8	2.310	7.4				7.4	14.1							0.04	790	52.7				0.12
9	2.691	7.0	370	227	8.70	7.2	14.0	7.6	98%	171	4	98%	90	0.04	846	56.4	1.0			0.30
10	2.426	7.3				7.3	13.6							0.04	810	54.0	1.0			0.01
11	2.777	7.4	330	200	4.53	7.3	13.8	6.5	98%	151	4	98%	88	0.04	848	56.6				0.43
12	2.668	7.3				7.2	13.8							0.03	844	56.3				
13	3.093	7.1	264	198		7.1	13.9	9.3	96%	240	5	97%	139	0.01	881	58.8				0.43
14	3.079	7.2				6.9	13.5							0.09	872	58.2				0.05
15	2.830	7.2				7.1	13.5							0.02	851	56.8	17.5			
16	2.524	7.3				7.2	13.6							0.07	811	54.1	18.9			0.08
17	2.284	7.4	322	211	2.81	6.9	13.7	11.1	97%	211	6	97%	118	0.06	773	51.6				
18	3.110	7.4	781	1703	6.53	7.1	13.7	11.3	99%	293	7	100%	182	0.04	854	57.0				0.56
19	2.844	7.4				7.1	13.1							0.01	858	57.2				0.01
20	2.512	7.2	275	247		6.7	13.3	9.5	97%	199	7	97%	147	0.06	818	54.6				
21	2.383	7.2				7.3	13.3							0.09	789	52.6				0.11
22	2.301	7.0				6.8	13.4							0.02	777	51.8	6.3			
23	2.097	7.3	371	209	4.03	7.1	13.4	12.7	97%	222	6	97%	98	0.03	759	50.6	64.5			
24	1.974	7.4				7.2	13.4							0.03	724	48.3				
25	1.890	7.3	397	435	4.95	7.0	13.4	12.6	97%	199	7	98%	110	0.02	711	47.4				
26	1.814	7.5				7.3	13.3							0.03	700	46.7				
27	1.780	7.3	369	245		6.9	13.6	11.6	97%	172	6	98%	86	0.04	699	46.6				
28	1.759	7.4				7.3	13.6							0.03	695	46.4				0.06
29	1.797	7.4				7.2	13.4							0.02	741	49.4				
30	1.678	7.5	470	303	3.39	6.7	13.4	22.3	95%	312	9	97%	123	0.04	694	46.3				
31	1.649	7.3				7.1	13.0							0.04	675	45.0				
TOT	73.772									2,888			1,496		24,449	1631				2.64
MAX	3.436	7.5	781	1703	11.10	7.5	14.2	22.3	99%	312	8.8	100%	181.6	0.09	881	58.78	64.5			0.56
MIN	1.649	7.0	255	178	2.81	6.7	13.0	6.5	95%	151	3.8	97%	73.9	0.01	675	45.04	1.0			0.01
AVG	2.380	7.3	370	355	5.74	7.1	13.6	11.7	97%	222	5.9	98%	115.0	0.04	789	52.62	4.8			0.17

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>
1/1	12:30 AM	131	7.83	1/1	2:32 PM	117	7.79	1/2	12:16 AM	117	7.83
1/1	12:50 AM	131	7.81	1/1	3:20 PM	117	7.76	1/2	12:30 AM	117	7.82
1/1	1:37 AM	131	7.81	1/1	3:28 PM	117	7.77	1/2	1:15 AM	117	7.83
1/1	2:00 AM	131	7.81	1/1	4:00 PM	117	7.76	1/2	1:36 PM	117	7.82
1/1	3:00 AM	131	7.82	1/1	4:20 PM	117	7.76	1/2	2:15 AM	117	7.84
1/1	3:02 AM	131	7.81	1/1	4:25 PM	117	7.80	1/2	2:40 AM	117	7.83
1/1	4:08 AM	131	7.80	1/1	4:49 PM	117	7.81	1/2	3:15 PM	117	7.82
1/1	4:32 AM	131	7.80	1/1	5:20 PM	117	7.76	1/2	4:00 AM	117	7.83
1/1	5:10 AM	131	7.80	1/1	5:40 PM	117	7.81	1/2	4:25 AM	117	7.82
1/1	5:35 AM	131	7.80	1/1	6:08 PM	117	7.76	1/2	5:15 AM	117	7.82
1/1	7:15 AM	117	7.80	1/1	6:57 PM	117	7.84	1/2	5:40 AM	117	7.81
1/1	7:15 AM	117	7.82	1/1	7:20 PM	117	7.76	1/2	7:25 AM	117	7.84
1/1	9:19 AM	117	7.82	1/1	7:29 PM	117	7.76	1/2	1:30 PM	117	7.77
1/1	10:22 AM	117	7.78	1/1	8:30 PM	117	7.81	1/2	2:50 PM	117	7.76
1/1	11:34 AM	117	7.77	1/1	9:00 PM	117	7.82	1/2	4:02 PM	117	7.75
1/1	12:30 PM	117	7.76	1/1	9:30 PM	117	7.83				
1/1	12:38 PM	117	7.76	1/1	10:00 PM	117	7.82				
1/1	1:30 PM	117	7.77	1/1	10:20 PM	117	7.81				
1/1	1:37 PM	117	7.79	1/1	11:02 PM	117	7.82				
1/1	2:30 PM	117	7.76								

Total Gallons: 110,000 20 Total Gallons: 104,500 19 Total Gallons: 82,500 15

<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>
1/3	7:45 AM	212	7.88	1/4	7:11 AM	226	7.88	1/5	7:14 AM	224	7.82
1/3	9:33 AM	212	7.80	1/4	8:35 AM	226	7.81	1/5	8:00 AM	224	7.77
1/3	10:37 AM	212	7.76	1/4	8:50 AM	226	7.80	1/5	9:30 AM	224	7.74
1/3	10:52 AM	212	7.75	1/4	10:15 AM	226	7.80	1/5	9:54 AM	224	7.76
1/3	11:52 AM	212	7.79	1/4	10:25 AM	226	7.80	1/5	10:16 AM	224	7.76
1/3	12:49 PM	212	7.78	1/4	11:43 AM	226	7.77	1/5	10:53 AM	224	7.72
1/3	1:13 PM	212	7.76	1/4	12:10 PM	226	7.72	1/5	11:26 AM	224	7.76
1/3	1:59 PM	212	7.76	1/4	1:10 PM	226	7.72	1/5	12:18 PM	224	7.74
1/3	2:32 PM	212	7.73	1/4	1:34 PM	226	7.72	1/5	1:19 PM	224	7.76
1/3	3:37 PM	212	7.76	1/4	2:31 PM	226	7.73	1/5	2:39 PM	224	7.81
				1/4	3:12 PM	226	7.73	1/5	3:16 PM	224	7.79

Total Gallons: 56,000 10 Total Gallons: 62,750 11 Total Gallons: 66,000 11

<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
1/6	7:20 AM	262	7.93	1/7	8:24 AM	282	7.95	1/8	6:45 AM	278	8.01
1/6	9:07 AM	262	7.84	1/7	8:35 AM	282	7.86	1/8	8:00 AM	278	7.89
1/6	10:27 AM	262	7.81	1/7	9:46 AM	282	7.83	1/8	9:30 AM	278	7.87
1/6	11:44 AM	262	7.79	1/7	10:21 AM	282	7.82	1/8	9:40 AM	278	7.85
1/6	1:07 PM	262	7.77	1/7	10:58 AM	282	7.81	1/8	10:30 AM	278	7.87
1/6	2:29 PM	262	7.78	1/7	11:40 AM	282	7.89	1/8	10:57 AM	278	7.84
1/6	4:07 PM	262	7.81	1/7	12:19 PM	282	7.89	1/8	12:00 PM	278	7.85
				1/7	1:09 PM	282	7.90	1/8	12:30 PM	278	7.84
				1/7	1:39 PM	282	7.84	1/8	1:51 PM	278	7.85
								1/8	2:30 PM	278	7.85
								1/8	3:50 PM	278	7.85

Total Gallons: 38,500 7 Total Gallons: 51,000 9 Total Gallons: 62,500 11

GAWSA 24

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>
1/9	7:14 AM	248	7.90	1/10	6:53 AM	256	7.98	1/11	7:11 AM	298	7.96
1/9	10:10 AM	268	7.91	1/10	7:34 AM	256	7.89	1/11	9:08 AM	298	7.92
1/9	12:30 PM	268	7.87	1/10	8:47 AM	256	7.92	1/11	10:15 AM	298	7.88
1/9	2:23 PM	268	7.85	1/10	9:19 AM	256	7.90	1/11	11:27 AM	298	7.85
1/9	3:27 PM	268	7.86	1/10	9:48 AM	256	7.86	1/11	12:30 PM	298	7.90
1/9	4:34 PM	268	7.87	1/10	10:28 AM	256	7.86	1/11	1:40 PM	298	7.91
				1/10	10:53 AM	256	7.86	1/11	2:41 PM	298	7.91
				1/10	11:38 AM	256	7.84	1/11	3:19 PM	298	7.96
				1/10	12:51 PM	256	7.84	1/11	3:42 PM	298	7.90
				1/10	1:40 PM	256	7.84	1/11	4:26 PM	298	7.92
				1/10	2:09 PM	256	7.93	1/11	4:49 PM	298	7.92
				1/10	3:24 PM	256	7.83				

Total Gallons: 33,000 6 Total Gallons: 66,000 12 Total Gallons: 60,500 11

<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
1/12	7:10 AM	196	7.90	1/13	7:33 AM	232	7.94	1/14	7:15 AM	180	7.90
1/12	8:51 AM	196	7.84	1/13	9:09 AM	236	7.85	1/14	8:40 AM	180	7.83
1/12	10:03 AM	196	7.79	1/13	9:52 AM	236	7.85	1/14	9:15 AM	180	7.81
1/12	11:13 AM	196	7.80	1/13	10:22 AM	236	7.84	1/14	9:45 AM	180	7.79
1/12	12:27 PM	196	7.77	1/13	11:20 AM	236	7.85	1/14	10:21 AM	180	7.79
1/12	1:34 PM	196	7.76	1/13	11:47 AM	236	7.85	1/14	11:01 AM	180	7.76
1/12	2:47 PM	196	7.79	1/13	12:30 PM	236	7.86	1/14	11:40 AM	180	7.70
1/12	4:00 PM	196	7.83	1/13	1:57 PM	236	7.83	1/14	12:08 PM	180	7.72
				1/13	2:20 PM	236	7.84	1/14	12:57 PM	180	7.75
				1/13	3:15 PM	236	7.86	1/14	1:24 PM	180	7.73
				1/13	3:53 PM	236	7.85	1/14	2:18 PM	180	7.75

Total Gallons: 44,000 8 Total Gallons: 63,000 11 Total Gallons: 63,500 11

<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
1/15	6:45 AM	191	7.86	1/16	7:37 AM	218	7.94	1/17	7:21 AM	254	7.95
1/15	7:49 AM	191	7.81	1/16	9:20 AM	218	7.85	1/17	8:44 AM	254	7.83
1/15	8:45 AM	191	7.79	1/16	11:02 AM	218	7.82	1/17	9:54 AM	254	7.82
1/15	9:12 AM	191	7.79	1/16	12:14 PM	218	7.79	1/17	11:02 AM	254	7.80
1/15	9:45 AM	191	7.77	1/16	1:27 PM	218	7.79	1/17	12:24 PM	254	7.80
1/15	10:26 AM	191	7.77	1/16	2:42 PM	218	7.77	1/17	1:33 PM	254	7.81
1/15	10:45 AM	191	7.77	1/16	3:35 PM	218	7.83	1/17	2:45 PM	254	7.82
1/15	11:34 AM	191	7.76								
1/15	12:45 PM	191	7.77								
1/15	1:59 PM	191	7.77								
1/15	3:12 PM	191	7.80								

Total Gallons: 62,500 11 Total Gallons: 39,000 7 Total Gallons: 38,500 7

<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
1/18	7:11 AM	276	7.93	1/19	7:00 AM	173	8.01	1/20	7:14 AM	163	7.95
1/18	8:48 AM	276	7.88	1/19	8:45 AM	173	7.94	1/20	8:30 AM	163	7.85
1/18	9:25 AM	276	7.86	1/19	9:51 AM	173	7.92	1/20	8:45 AM	163	7.83
1/18	10:05 AM	276	7.97	1/19	10:00 AM	173	7.91	1/20	9:55 AM	163	7.84
1/18	11:18 AM	276	7.96	1/19	11:01 AM	173	7.91	1/20	10:30 AM	163	7.82
1/18	12:28 PM	276	7.97	1/19	12:02 PM	173	7.86	1/20	11:05 AM	163	7.80
1/18	12:40 PM	276	7.97	1/19	1:03 PM	173	7.87	1/20	11:45 AM	163	7.74
1/18	1:57 PM	276	7.98	1/19	1:30 PM	173	7.86	1/20	12:25 PM	163	7.83
1/18	2:12 PM	276	7.95	1/19	2:04 PM	173	7.87	1/20	1:38 PM	163	7.82

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1/18 3:03 PM	276	7.93	1/19 2:45 PM	173	7.84	1/20 2:40 PM	163	7.73
1/18 3:38 PM	276	7.92	1/19 3:08 PM	173	7.85			
1/18 4:03 PM	276	7.95						

Total Gallons: 66,000 12 Total Gallons: 61,500 11 Total Gallons: 55,000 10

<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
1/21 7:25 AM		280	8.00	1/22 7:00 AM		242	7.96	1/23 7:11 AM		300	7.96
1/21 8:50 AM		280	7.85	1/22 8:00 AM		242	7.89	1/23 8:41 AM		300	7.89
1/21 10:15 AM		280	7.82	1/22 9:15 AM		242	7.89	1/23 9:54 AM		300	7.90
1/21 11:33 AM		280	7.82	1/22 9:32 AM		242	7.87	1/23 11:03 AM		300	7.87
1/21 1:00 PM		280	7.83	1/22 10:49 AM		242	7.86	1/23 12:15 PM		300	7.85
1/21 2:25 PM		280	7.88	1/22 11:59 AM		242	7.87	1/23 1:26 PM		300	7.84
1/21 3:31 PM		280	7.86	1/22 12:30 PM		242	7.85	1/23 2:37 PM		300	7.85
				1/22 1:11 PM		242	7.83				

Total Gallons: 38,500 7 Total Gallons: 44,000 8 Total Gallons: 38,500 7

<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
1/24 7:10 AM		296	7.93	1/26 7:11 AM		298	8.04	1/28 6:57 AM		336	7.91
1/24 8:50 AM		296	7.91	1/26 8:37 AM		298	7.92	1/28 8:45 AM		336	7.91
1/24 10:03 AM		296	7.90	1/26 9:48 AM		298	7.92	1/28 10:57 AM		336	7.84
1/24 2:49 PM		296	7.93	1/26 11:36 AM		298	7.92	1/28 12:17 PM		336	7.82
1/25 7:03 AM		284	8.04	1/26 12:50 PM		298	7.90	1/28 1:32 PM		336	7.86
1/25 8:42 AM		284	7.93	1/26 2:05 PM		298	7.89	1/28 2:45 PM		336	7.93
1/25 9:56 AM		284	7.92	1/26 3:28 PM		298	7.90	1/28 3:55 PM		336	7.91
1/25 11:39 AM		284	7.90	1/27 7:20 AM		322	8.04				
1/25 		284	7.91	1/27 9:00 AM		322	7.91				
1/25 2:55 PM		284	7.91	1/27 10:15 AM		322	7.90				
				1/27 11:30 AM		322	7.88				
				1/27 12:50 PM		322	7.84				
				1/27 3:55 PM		322	7.92				

Total Gallons: 55,000 10 Total Gallons: 71,500 13 Total Gallons: 38,500 7

<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
1/29 7:00 AM		340	8.05	1/30 7:23 AM		354	8.06	1/31 7:15 AM		370	8.12
1/29 8:27 AM		340	8.02	1/30 10:04 AM		354	8.06	1/31 11:34 AM		370	8.01
1/29 9:39 AM		340	7.95	1/30 11:36 AM		354	7.91	1/31 12:41 PM		370	7.95
1/29 10:52 AM		340	7.94	1/30 12:49 PM		354	7.99	1/31 1:50 PM		370	7.91
1/29 12:35 PM		340	7.96	1/30 2:02 PM		354	7.98	1/31 3:03 PM		370	7.86
				1/30 3:17 PM		354	7.85				

Total Gallons: 27,500 5 Total Gallons: 33,000 6 Total Gallons: 27,500 5

TOTAL TICKETS: 298
TOTAL GALLONS/MONTH: 1,660,250
 \$33,205