

MINUTES OF THE GREEN AREA WATER & SANITARY AUTHORITY
BOARD OF DIRECTORS MEETING
September 8, 2022

Board Chair Tracey Parker called the regular Board meeting to order at 5:02pm. Present were Board Directors Tracey Parker, Brenda Kingry, Tom Fullbright, and Steve Lusch. Also present were GAWSA employees David Campos, Alan Paulson, and Shannon Miller. Also present was Chris Sherlock, Superintendent of the Winston-Green Regional Wastewater Treatment Plant. Board Director Carolyn White was absent.

For the consent agenda, Director Brenda Kingry made a motion to approve the following water leak adjustment credits:

Mortimer Spires: \$78.38
Katherine Nathanson: \$58.43
Heather Garcia: \$28.50
Randy Turner: \$27.08

Director Steve Lusch seconded the motion. The motion was approved unanimously.

Director Tom Fullbright made a motion to approve the September Board meeting minutes and accounts payable. Director Kingry seconded the motion. The motion was approved unanimously.

David Campos presented the General Manager's report. David stated that staff is still reviewing the existing rules and regulations and it is planned to meet with the Committee and have a draft for the next Board meeting.

The Board Practices Assessment is scheduled to take place at the October Board meeting. SDAO consultant Mark Knudson will be conducting the assessment.

David expressed to the Board that Cathy Sjogren is doing a great job in her new role as Utility Billing Clerk. Cathy performed the sewer billing process at Green Sanitary District. The field operations staff are also pleased with her communication and thoroughness.

In recent discussions with GAWSA Staff regarding the Sanitary Office Remodel, Shannon Miller suggested that we hold off on an extensive remodel of the sanitary administrative building, and instead do some cosmetic updates and replace furniture and fixtures. GAWSA would then keep the water admin building as the Board meeting location. David agrees that the idea is a better move financially in the current economy, and it is hard to justify spending between \$600,000 and \$700,000 on a remodel. Director Lusch asked what the original remodel estimated cost was. David stated that prior to the consolidation, the estimated cost was approximately \$350,000. Along with that, GAWSA would have sold the water admin building to recoup approximately half of the remodel costs. The consensus of the Board was that we change course and scale back the sanitary office remodel, keep the water office as the Board meeting location.

Collections System Supervisor Shannon Miller presented the sanitary operations report. Shannon stated that the computer for the CCTV trailer is down and Systech has been working to get it back up

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and running. David added that Systech also recommends that we replace the computer soon as it is very old.

Cross-training between the water and sanitary operations staff has resumed.

Shannon informed the Board that the Camel truck is back up and running again. The water pump had failed.

The sanitary crew is doing manhole inspections. A vendor recently gave a demo for a bar screen as a possible de-ragging solution at G4 pumpstation.

Shannon also received a quote for a new pump in the pump #1 position at G4, which Shannon recommends we replace in the near future.

Operations Superintendent Alan Paulson presented the water operations report. Alan stated that we have had many equipment failures recently, including the raw water turbidity meter at the water treatment plant. We are seeking options for replacement. Our leak detecting device has also failed and we are looking for replacements.

Alan informed the Board that the Oregon Health Authority has changed our required testing schedule for disinfection byproducts from quarterly to semi-annually, but we will continue our current procedures and testing schedule for internal monitoring purposes.

Director Fullbright asked about any open grant opportunities available. Alan stated we will apply for the SDAO Safety and Security Grant. David added that there are not usually grant funds available for operating costs.

Wastewater treatment plant superintendent Chris Sherlock presented his monthly report. Chris stated that Douglas County will be repairing a section of asphalt at the wastewater plant where the trucks were unloading leachate caused damage.

Chris added that they have been experiencing problems with the backwash pumps, but parts are on the way.

For the good of the order, Directors Lusch and Kingry prepared a draft of a proposed Board policy. The Board will review the draft and discuss at the October Board meeting.

There being no further business before the Board, President Parker made a motion to adjourn the meeting. Director Kingry seconded the motion. President Parker adjourned the meeting at 5:39pm.

Steve Lusch, Board Secretary

Tracey Parker, Board Chair

GAWSA - All Funds
Check Detail
September 2022

Type	Num	Date	Name	Memo	Account	Paid Amount
Check	10624	09/08/2022	ALLEN RENTAL	9424	102-1 · UMPQUA BANK CHECKING	
				Inv #9424 / PO 17974 / scissor lift repair - joystick controller	610-1 · Vehicle Maintenance	-484.50
TOTAL						-484.50
Check	10625	09/08/2022	ATLAS COPCO COMPRESSORS, LLC	121216	102-1 · UMPQUA BANK CHECKING	
				Inv #1122081941 / PO 17976 / Filter/separator kit for WTP co...	700-1 · R & M - Water Plant	-1,524.68
TOTAL						-1,524.68
Check	10626	09/08/2022	AVISTA UTILITIES	5207677076	102-1 · UMPQUA BANK CHECKING	
			GAWSA SEWER	3879 Old Hwy 99 - Sanitary office	517-2 · Utilities- SAdmin	-11.90
				4336 Old Hwy 99 - Water office	517-1 · Utilities- WAdmin	-11.90
				3319 Carnes Rd. - Shop	624-1 · Utilities - Water Dist	-29.49
				237 Highland Vista - PS	624-1 · Utilities - Water Dist	-11.90
TOTAL						-65.19
Check	10627	09/08/2022	BASSETT-HYLAND ENERGY	Customer #498742	102-1 · UMPQUA BANK CHECKING	
			GAWSA SEWER	Fuel 8/1 - 8/15 Inv #CL09097	619-2 · Fuel - S	-246.36
				Fuel 7/1 - 7/15 Inv #CL08319	619-1 · Fuel	-625.76
			GAWSA SEWER	Fuel 8/16 - 8/31 Inv #CL09097	619-2 · Fuel - S	-592.67
				Fuel 8/16 - 8/31 Inv #CL09492	619-1 · Fuel	-386.73
				Finance Chg AUG0056-FC	525-1 · Misc. Expense - WAdmin	-28.21
TOTAL						-1,879.73
Check	10628	09/08/2022	CARDMEMBER SERVICE	1574	102-1 · UMPQUA BANK CHECKING	
				Costco - office janitorial supplies	515-1 · Office Supplies - WAdmin	-34.99
				SDAO Board/Mgmt training seminar - DC	522-1 · Travel & Training - WAdmin	-37.50
			GAWSA SEWER	SDAO Board/Mgmt training seminar - DC	522-2 · Travel & Training - SAdmin	-37.50
				Food for safety meeting	525-1 · Misc. Expense - WAdmin	-32.00
				Office 365 Cloud subscription	516-1 · Communication/IT- WAdmin	-16.95
				Amzn - Ice maker and cleaner for high heat days	622-1 · Tools & Supplies - Dist	-119.98
				Amzn - White plastic sheets for outdoor signage on office	515-1 · Office Supplies - WAdmin	-51.09
				Certified letter for Robert Wheeler	534-1 · Postage - WAdmin	-7.25
			GAWSA SEWER	PO 17944 / Non-ethanol fuel for generator	610-2 · Vehicle & Equipment Operations	-59.20
			GAWSA SEWER	Amzn - Tools for flusher truck	642-2 · Tools & Supplies	-79.96
				Stamps, certified letters to customers	534-1 · Postage - WAdmin	-90.04
				Office staff lunch meeting	525-1 · Misc. Expense - WAdmin	-36.35
				Interest charge	525-1 · Misc. Expense - WAdmin	-43.97
TOTAL						-646.78

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Type	Num	Date	Name	Memo	Account	Paid Amount
Check	10629	09/08/2022	CANON SOLUTIONS AMERICA, INC.		102-1 · UMPQUA BANK CHECKING	
				Inv #6001570085 / Office copier maintenance 7/20 - 8/19	515-1 · Office Supplies - WAdmin	-65.55
				Inv #6001570085 / Plant copier maintenance 7/20 - 8/19	701-1 · Supplies & Safety Items	-11.24
TOTAL						-76.79
Check	10630	09/08/2022	DOUGLAS CO. FARMERS CO-OP	605255	102-1 · UMPQUA BANK CHECKING	
				Inv #51313 / PO 17936 / sprinkler heads - water office	518-1 · R & M Office - WAdmin	-14.49
				Inv #999286 / PO 17940 / sprinkler heads - water office	518-1 · R & M Office - WAdmin	-9.97
				Inv #999781 / PO 17951 / tools & supplies for 1.5 ton truck	622-1 · Tools & Supplies - Dist	-119.94
				Inv #51558 / PO 17952 / nuts, bolts, tape	622-1 · Tools & Supplies - Dist	-21.27
				Inv #51605 / PO 17955 / PVC parts for stock	628-1 · Inventory Adjustment	-20.46
				Inv #51774 / PO 17969 / parts for chemical line repair	700-1 · R & M - Water Plant	-25.37
				Inv #291162 / service charge	525-1 · Misc. Expense - WAdmin	-3.00
TOTAL						-214.50
Check	10631	09/08/2022	DOUGLAS FAST NET	165900	102-1 · UMPQUA BANK CHECKING	
				Carnes Internet August	612-1 · Communication & IT - Ops	-84.39
				WTP internet, phone, fax, alarm line - August	612-1 · Communication & IT - Ops	-128.19
			GAWSA SEWER	Sanitary office phone/fax/internet - August	516-2 · Communication/IT - SAdmin	-492.96
			GAWSA SEWER	Water office phone/fax/internet - August	516-1 · Communication/IT - WAdmin	-110.02
				G4 alarm line - August	647-2 · G4 Pumpstation	-14.17
				Late fee	525-1 · Misc. Expense - WAdmin	-12.17
TOTAL						-841.90
Check	10632	09/08/2022	EXODUS PEST CONTROL	73100	102-1 · UMPQUA BANK CHECKING	
				Inv #73100 / Water office pest control	518-1 · R & M Office - WAdmin	-26.00
TOTAL						-26.00
Check	10633	09/08/2022	FERGUSON WATERWORKS #3011	52910	102-1 · UMPQUA BANK CHECKING	
				Inv #1132349 / PO 17972 / 1.5" meter for Shady Oaks stopped ...	628-1 · Inventory Adjustment	-1,499.19
TOTAL						-1,499.19
Check	10634	09/08/2022	FLURY SUPPLY		102-1 · UMPQUA BANK CHECKING	
				Inv #E788 / PO 17977 / Hyrant meter adapter	622-1 · Tools & Supplies - Dist	-26.32
TOTAL						-26.32

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Type	Num	Date	Name	Memo	Account	Paid Amount
Check	10635	09/08/2022	IVR TECHNOLOGY GROUP	IV14356	102-1 · UMPQUA BANK CHECKING	
			GAWSA SEWER	Inv #IV14356 / August IVR maintenance/tx fees Inv #IV14356 / August IVR maintenance/tx fees	516-1 · Communication/IT- WAdmin 516-2 · Communication/IT- SAdmin	-60.91 -60.90
TOTAL						-121.81
Check	10636	09/08/2022	INDUSTRIAL SOURCE	Customer #3332	102-1 · UMPQUA BANK CHECKING	
				Inv #2058495 / PO 17973 / Cut off wheel, Hazmat fee	622-1 · Tools & Supplies - Dist	-20.59
TOTAL						-20.59
Check	10637	09/08/2022	METEREADERS, LLC	10388	102-1 · UMPQUA BANK CHECKING	
				Inv #10388 / August meter readings	535-1 · Contract Services - Meter Reads	-2,373.75
TOTAL						-2,373.75
Check	10638	09/08/2022	MILWAUKEE PUMP COMPANY	3654-IN	102-1 · UMPQUA BANK CHECKING	
				Inv #3654-IN / PO 17964 / Parts for flusher truck repair	610-2 · Vehicle & Equipment Operations	-391.32
TOTAL						-391.32
Check	10639	09/08/2022	MOBILE MAVERICK FLEET	1558/1559	102-1 · UMPQUA BANK CHECKING	
			GAWSA SEWER GAWSA SEWER	Inv #1558 / PO 17960 / Labor - rebuild pump 2005 international Inv #1559 / PO 17961 / Labor - starting issue 1998 International	610-2 · Vehicle & Equipment Operations 610-2 · Vehicle & Equipment Operations	-2,090.00 -330.00
TOTAL						-2,420.00
Check	10640	09/08/2022	NORTHSTAR CHEMICAL, INC.	101086	102-1 · UMPQUA BANK CHECKING	
				Inv #231158 / PO 17956 / Calcium Thiosulfate 30% Inv #231157 / PO 17957 / Citric acid 50%, Phosphoric acid 75% Inv #231106 / PO 17958 / Aluminum Chlorohydrate	704-1 · Chemicals 704-1 · Chemicals 704-1 · Chemicals	-1,518.90 -15,218.67 -27,132.30
TOTAL						-43,869.87
Check	10641	09/08/2022	NORTHWEST LOCAL GOVERNMENT L...		102-1 · UMPQUA BANK CHECKING	
				Inv #13242 / Comm regarding process for changing fees/rates Inv #13242 / interest charge	512-1 · Legal Fees - WAdmin 525-1 · Misc. Expense - WAdmin	-275.00 -0.86
TOTAL						-275.86

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Type	Num	Date	Name	Memo	Account	Paid Amount
Check	10642	09/08/2022	ONE CALL CONCEPTS, INC.	09-001823	102-1 · UMPQUA BANK CHECKING	
				Inv #2050710 / May locates - water	611-1 · Dues/Subscriptions- W	-28.20
			GAWSA SEWER	Inv #2050710 / May locates - sewer	611-2 · Dues/Subscriptions- S	-28.20
			GAWSA SEWER	Inv #2060711 / June locates - water	611-1 · Dues/Subscriptions- W	-31.80
			GAWSA SEWER	Inv #2060711 / June locates - sewer	611-2 · Dues/Subscriptions- S	-31.80
			GAWSA SEWER	Inv #2080708 / Aug locates - water	611-1 · Dues/Subscriptions- W	-33.60
			GAWSA SEWER	Inv #2080708 / Aug locates - sewer	611-2 · Dues/Subscriptions- S	-33.60
TOTAL						-187.20
Check	10643	09/08/2022	PACIFIC ENVIRONMENTAL GROUP INC.	22-155 / 22-156	102-1 · UMPQUA BANK CHECKING	
			GAWSA SEWER	Inv #22-155 / PO 17894 / Asbestos abatement 3834 Krohn In	526-2 · Rental Property Maintenance	-9,184.00
			GAWSA SEWER	Inv #22-156 / PO 17894 / Asbestos abatement 3836 Krohn In	526-2 · Rental Property Maintenance	-1,100.00
TOTAL						-10,284.00
Check	10645	09/08/2022	OREGON LINEN	Customer #176112/173954	102-1 · UMPQUA BANK CHECKING	
				Inv #840483 / rug service - Water Office	518-1 · R & M Office - WAdmin	-67.52
				Inv #761939, 775102, 786558, 797808, 809648, 820951	518-2 · R & M Office - SAdmin	-241.01
				Inv #843779 / service charge	525-2 · Misc Expense - Sadmin	-2.97
TOTAL						-311.50
Check	10646	09/08/2022	NAPA AUTO PARTS	Account #6321	102-1 · UMPQUA BANK CHECKING	
				Inv #869864 / PO 17953/ man lift parts	610-1 · Vehicle Maintenance	-107.95
				Inv #869864 / PO 17953 / supplies	701-1 · Supplies & Safety Items	-36.98
			GAWSA SEWER	Inv #871013 / PO 17966 / oil for 1998 International	610-2 · Vehicle & Equipment Operations	-80.97
			GAWSA SEWER	Inv #871086 / PO 17967 / Brake rotors & pads for silver Dodge ...	610-1 · Vehicle Maintenance	-225.97
				Inv #871092 / PO 17968 / Fuel cleaner 1998 International	610-2 · Vehicle & Equipment Operations	-14.29
				Inv #083122 / service charge	525-1 · Misc. Expense - WAdmin	-1.00
TOTAL						-467.16
Check	10647	09/08/2022	PACIFIC POWER	Master Acct. #37980321-001 0	102-1 · UMPQUA BANK CHECKING	
				Sewer office electricity	517-2 · Utilities- SAdmin	-254.11
				Electricity - Oak Creek & Briarwood PS	648-2 · O&M Pumpstations	-68.46
				G4 pumpstation electricity	647-2 · G4 Pumpstation	-1,153.34
				Holgate electricity	526-2 · Rental Property Maintenance	-48.46
				Harmony electricity	526-2 · Rental Property Maintenance	-18.71
TOTAL						-1,543.08

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Type	Num	Date	Name	Memo	Account	Paid Amount
Check	10648	09/08/2022	ROCK-IT MAN TRUCKING	756261	102-1 · UMPQUA BANK CHECKING	
				Inv #756261 / 1.6 hrs rock haul for inventory	628-1 · Inventory Adjustment	-200.00
TOTAL						-200.00
Check	10649	09/08/2022	SDIS	03-0040206	102-1 · UMPQUA BANK CHECKING	
			GAWSA SEWER	October health and supplemental premiums	506-1 · Health Insurance- WAdmin	-4,017.74
			GAWSA SEWER	October health and supplemental premiums	506-2 · Health Insurance - SAdmin	-4,017.74
			GAWSA SEWER	October health and supplemental premiums	606-1 · Health Insurance - Operations	-12,092.12
			GAWSA SEWER	October health and supplemental premiums	606-2 · Health Insurance - Soperations	-5,997.52
TOTAL						-26,125.12
Check	10650	09/08/2022	STAPEL PEST SOLUTIONS	423802	102-1 · UMPQUA BANK CHECKING	
			GAWSA SEWER	Inv #423802 / August pest control service - sanitary office	518-2 · R & M Office - SAdmin	-45.00
TOTAL						-45.00
Check	10651	09/08/2022	STAPLES	Acct. 6035 5178 51496199	102-1 · UMPQUA BANK CHECKING	
				Inv #3107679541 / Office supplies -stationary	515-1 · Office Supplies - WAdmin	-94.92
				Inv #3112552981 / bandages, toner, box cutter	515-1 · Office Supplies - WAdmin	-124.80
				service charge	525-1 · Misc. Expense - WAdmin	-5.02
TOTAL						-224.74
Check	10652	09/08/2022	STRATTON BROS. INC.	2022-185	102-1 · UMPQUA BANK CHECKING	
				Inv #2022-185 / PO 17970 / Asphalt repair - 3712 Carnes, 2699...	620-1 · R & M - Field	-1,636.75
TOTAL						-1,636.75
Check	10653	09/08/2022	SYSTECH CONSULTING, LLC	4377	102-1 · UMPQUA BANK CHECKING	
			GAWSA SEWER	Inv #4377 / Managed service plan	516-1 · Communication/IT- WAdmin	-585.47
			GAWSA SEWER	Inv #4377 / Managed service plan	516-2 · Communication/IT- SAdmin	-585.47
TOTAL						-1,170.94
Check	10654	09/08/2022	TROJAN TECHNOLOGIES	200-847	102-1 · UMPQUA BANK CHECKING	
				Inv #200/847 / PO 17959 / 5 UV lamps	700-1 · R & M - Water Plant	-141.06
TOTAL						-141.06

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Type	Num	Date	Name	Memo	Account	Paid Amount
Check	10655	09/08/2022	UMPQUA VALLEY FIRE SERVICES, INC.	86051 Inv #86051 / 19 non-comp backflow tests	102-1 · UMPQUA BANK CHECKING 627-1 · Backflow Tests- W	<u>-798.00</u>
TOTAL						-798.00
Check	10656	09/08/2022	VERIZON WIRELESS	Acct. 772196342-0001 Inv. #9913869251 / Tablet line	102-1 · UMPQUA BANK CHECKING 612-1 · Communication & IT - Ops	<u>-46.06</u>
TOTAL						-46.06
Check	10657	09/13/2022	TROY A MILLS	5324000 Deposit refund 5324000 / 2233 Burdette Drive	102-1 · UMPQUA BANK CHECKING 120-1 · Accounts Receivable	<u>-19.89</u>
TOTAL						-19.89
Check	10658	09/13/2022	KEVIN J CARPENTER	7107000 Deposit refund 7107000 / 191 Summerwood St	102-1 · UMPQUA BANK CHECKING 120-1 · Accounts Receivable	<u>-7.86</u>
TOTAL						-7.86
Check	10659	09/13/2022	NICOLE L BABB	10441000 Deposit refund 10441000 / 2548 Landers Ave.	102-1 · UMPQUA BANK CHECKING 120-1 · Accounts Receivable	<u>-8.67</u>
TOTAL						-8.67
Check	10660	09/13/2022	MICHAEL B LA VOIE	11557000 Deposit refund 11557000 / 201 Braxton Ct.	102-1 · UMPQUA BANK CHECKING 120-1 · Accounts Receivable	<u>-18.44</u>
TOTAL						-18.44
Check	10661	09/13/2022	TABBITHA RAHN	30000281 Deposit refund 30000281 / 398 Chandler Drive	102-1 · UMPQUA BANK CHECKING 120-1 · Accounts Receivable	<u>-22.91</u>
TOTAL						-22.91
Check	10662	09/13/2022	ELDON PERRY	2237000 Overpayment refund 2237000 / 398 Chandler Drive	102-1 · UMPQUA BANK CHECKING 120-1 · Accounts Receivable	<u>-23.00</u>
TOTAL						-23.00

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Type	Num	Date	Name	Memo	Account	Paid Amount
Check	10663	09/29/2022	AVISTA UTILITIES	5207677076	102-1 · UMPQUA BANK CHECKING	
			GAWSA SEWER	3879 Old Hwy 99 - Sanitary office 4336 Old Hwy 99 - Water office 3319 Carnes Rd. - Shop 237 Highland Vista - PS Late fee	517-2 · Utilities- SAdmin 517-1 · Utilities- WAdmin 624-1 · Utilities - Water Dist 624-1 · Utilities - Water Dist 525-1 · Misc. Expense - WAdmin	-17.00 -17.00 -39.62 -17.00 -3.00
TOTAL						-93.62
Check	10664	09/29/2022	BASSETT-HYLAND ENERGY	Customer #498742	102-1 · UMPQUA BANK CHECKING	
			GAWSA SEWER	Fuel 9/1 - 9/15 Inv #CL09879 Fuel 9/1 - 9/15 Inv #CL09879	619-2 · Fuel - S 619-1 · Fuel	-83.36 -436.13
TOTAL						-519.49
Check	10665	09/29/2022	BONA FIDE AUTO REPAIR LLC	3262	102-1 · UMPQUA BANK CHECKING	
				Inv #3262 / PO 17999 / Repair wiring 2008 Chevy 1.5 ton	610-1 · Vehicle Maintenance	-324.04
TOTAL						-324.04
Check	10666	09/29/2022	CONTINENTAL UTILITY SOLUTIONS, IN...	R11551/R11691	102-1 · UMPQUA BANK CHECKING	
			GAWSA SEWER	Inv #R11551 / Aug merchant fees - W Inv #R11551 / Aug merchant fees - S	533-1 · Merchant Service Fees - WAdmin 533-2 · Merchant Service Fees - SAdmin	-950.55 -950.55
			GAWSA SEWER	Inv #R11691 / Aug Echeck and ACH fees - W Inv #R11691 / Aug Echeck and ACH fees - S	533-1 · Merchant Service Fees - WAdmin 533-2 · Merchant Service Fees - SAdmin	-6.05 -6.05
TOTAL						-1,913.20
Check	10667	09/29/2022	CANON SOLUTIONS AMERICA, INC.	6001859502	102-1 · UMPQUA BANK CHECKING	
				Inv #6001859502 / Office copier maintenance 8/20 - 9/19 Inv #6001859502 / Plant copier maintenance 8/20 - 9/19	515-1 · Office Supplies - WAdmin 701-1 · Supplies & Safety Items	-61.23 -16.79
TOTAL						-78.02
Check	10668	09/29/2022	EXODUS PEST CONTROL	73289	102-1 · UMPQUA BANK CHECKING	
				Inv #73289 / Water office pest control - Sept	518-1 · R & M Office - WAdmin	-26.00
TOTAL						-26.00

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Type	Num	Date	Name	Memo	Account	Paid Amount
Check	10669	09/29/2022	FX DESIGNS	33337 Inv #33337 / update sign board for Carnes shop Inv #33337/ update road sign for WTP	102-1 · UMPQUA BANK CHECKING 621-1 · R & M - Dist Shop 700-1 · R & M - Water Plant	-240.00 -240.00
TOTAL						-480.00
Check	10670	09/29/2022	FASTENAL	ORROS0203 Inv #ORROS226263 / PO 17988 / green & white marking paint	102-1 · UMPQUA BANK CHECKING 642-2 · Tools & Supplies	-130.89
TOTAL						-130.89
Check	10671	09/29/2022	FERGUSON WATERWORKS #3011	52910 Inv #1137578 / PO 17997 / 1.5-2" meter gasket kits	102-1 · UMPQUA BANK CHECKING 631-1 · Meter Installations	-73.82
TOTAL						-73.82
Check	10672	09/29/2022	GOSELIN CONSTRUCTION	135 Peppertree bore No inv#, PO 17998, bore @ 135/141 Peppertree Ct.	102-1 · UMPQUA BANK CHECKING 620-1 · R & M - Field	-2,450.00
TOTAL						-2,450.00
Check	10673	09/29/2022	H2O BACKFLOW TESTING	386875 Inv #386875 / 7 non-comp BF test, 1 test port	102-1 · UMPQUA BANK CHECKING 627-1 · Backflow Tests- W	-340.00
TOTAL						-340.00
Check	10674	09/29/2022	HACH	Acct. #112343 Inv #13233342 / PO 17983 / Cable for WTP meter repair	102-1 · UMPQUA BANK CHECKING 700-1 · R & M - Water Plant	-55.50
TOTAL						-55.50
Check	10675	09/29/2022	CORIX WATER PRODUCTS, INC.	GREARE Inv #U2216035776 / PO 17935 / 50 3/4" zenner meters, 2 bras... Inv #U2216036607 / PO 17939 / 2 AY FIP meter FLG NL for W... Inv #U2216037253 / PO 17949 / 12x20" repair clamp Inv #U2216037254 / PO 17948 / 2 3/4" zenner high flow meters Inv #U2216037317 / PO 17947 / Adaptors, corp stops Inv #U2216037809 / PO 17950 / 4" C900 pipe, Hymax couplings Inv #U2216038634 / PO 17954 / 6 PJ ball corp stops CM #U2214003345 / return corp stops from stock Inv #U2216040479 / PO 17962 / 1" poly pipe	102-1 · UMPQUA BANK CHECKING 628-1 · Inventory Adjustment 620-1 · R & M - Field 628-1 · Inventory Adjustment 628-1 · Inventory Adjustment 628-1 · Inventory Adjustment 628-1 · Inventory Adjustment 628-1 · Inventory Adjustment 628-1 · Inventory Adjustment 628-1 · Inventory Adjustment 628-1 · Inventory Adjustment	-3,382.72 -192.84 -744.13 -274.80 -1,058.75 -671.04 -709.38 919.40 -480.00

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Type	Num	Date	Name	Memo	Account	Paid Amount
				CM #U2214003505 / return 30 angle ball valves Inv #221FC000712 / finance charge	628-1 · Inventory Adjustment 525-1 · Misc. Expense - WAdmin	2,971.50 -81.19
TOTAL						-3,703.95
Check	10676	09/29/2022	METEREADERS, LLC	10433	102-1 · UMPQUA BANK CHECKING	
				Inv #10433 / September meter readings 3,162	535-1 · Contract Services - Meter Reads	-2,371.50
TOTAL						-2,371.50
Check	10677	09/29/2022	OREGON LINEN	Customer #176112	102-1 · UMPQUA BANK CHECKING	
				Inv #851795 / rug service - Water Office	518-1 · R & M Office - WAdmin	-66.55
TOTAL						-66.55
Check	10678	09/29/2022	OREGON TRACTOR	Acct. #3651	102-1 · UMPQUA BANK CHECKING	
			GAWSA SEWER	Inv #69265 / PO 18000 / Flusher truck pump repair	610-2 · Vehicle & Equipment Operations	-272.00
TOTAL						-272.00
Check	10679	09/29/2022	PACIFIC POWER	Master Acct. #37980321-001 0	102-1 · UMPQUA BANK CHECKING	
				Sewer office electricity	517-2 · Utilities- SAdmin	-253.20
				Electricity - Oak Creek & Briarwood PS	648-2 · O&M Pumpstations	-64.55
				G4 pumpstation electricity	647-2 · G4 Pumpstation	-1,020.95
				Holgate electricity	526-2 · Rental Property Maintenance	-46.03
				Harmony electricity	526-2 · Rental Property Maintenance	-18.52
TOTAL						-1,403.25
Check	10680	09/29/2022	POPEYE'S PUMP & BACKFLOW	7215	102-1 · UMPQUA BANK CHECKING	
				Inv #7215 / pump down switch & cord - Rising River PS	700-1 · R & M - Water Plant	-81.25
TOTAL						-81.25
Check	10681	09/29/2022	STAPEL PEST SOLUTIONS	22726	102-1 · UMPQUA BANK CHECKING	
			GAWSA SEWER	Inv #22726 / Sept pest control service - sanitary office	518-2 · R & M Office - SAdmin	-45.00
TOTAL						-45.00
Check	10682	09/29/2022	UMPQUA QUARRIES, LLC		102-1 · UMPQUA BANK CHECKING	
				Inv #56606 / crushed rock for stockpile	628-1 · Inventory Adjustment	-295.20
				Finance charge	525-1 · Misc. Expense - WAdmin	-4.48
TOTAL						-299.68

GAWSA - All Funds
Check Detail
September 2022

Type	Num	Date	Name	Memo	Account	Paid Amount
Check	10683	09/29/2022	UMPQUA RESEARCH		102-1 · UMPQUA BANK CHECKING	
				M067122	626-1 · Water Samples	-594.00
				M067146	626-1 · Water Samples	-192.00
				M067252	626-1 · Water Samples	-135.00
TOTAL						-921.00
Check	10684	09/29/2022	BRAY INTERNATIONAL, INC.	155001183	102-1 · UMPQUA BANK CHECKING	
				Inv #220/55031116 / PO 17980 / cell valve actuator	700-1 · R & M - Water Plant	-1,403.22
TOTAL						-1,403.22
Check	10685	09/29/2022	VERIZON WIRELESS	Acct. 772196342-0001	102-1 · UMPQUA BANK CHECKING	
				Inv. #9916221434 / Tablet line	612-1 · Communication & IT - Ops	-46.06
TOTAL						-46.06
Check	10686	09/29/2022	WELLS FARGO BANK	7067	102-1 · UMPQUA BANK CHECKING	
			GAWSA SEWER	Finance charge	525-2 · Misc Expense - Sadmin	-26.15
TOTAL						-26.15
Check	10687	09/29/2022	STACEY WERNER	Reimburse	102-1 · UMPQUA BANK CHECKING	
				Reimburse mileage July-Sept	522-1 · Travel & Training - Wadmin	-88.76
				Reimburse - safety meeting food	525-1 · Misc. Expense - WAdmin	-7.49
			GAWSA SEWER	Reimburse - safety meeting food	525-2 · Misc Expense - Sadmin	-7.48
TOTAL						-103.73
Check	10688	09/30/2022	EDWARD JONES CO.	Quarterly Contribution for employees	102-1 · UMPQUA BANK CHECKING	
				Qtr end Sept 2022 contribution- Water Admin	507-1 · Retirement - Office	-4,045.32
			GAWSA SEWER	Qtr end Sept 2022 contribution- Sewer Admin	507-2 · Retirement - Sadmin	-4,045.32
				Qtr end Sept 2022 contribution- Water Operations	607-1 · Retirement - Plant	-11,507.04
			GAWSA SEWER	Qtr end Sept 2022 contribution- Sewer Operations	607-2 · Retirement - Soperations	-6,007.68
TOTAL						-25,605.36

GAWSA - WWTP
Check Detail
September 1 through October 14, 2022

Type	Num	Date	Name	Memo	Account	Paid Amount
Bill Pmt -C...	14483	09/07/2022	Environmental Resource ...	ACCT C998097	102-2 · Sewer GF Checking	
Bill	INV 0...	04/22/2022		CHEMICALS	71-0240 · Lab	-839.20
TOTAL						-839.20
Check	14484	10/14/2022	Amazon Capital Services	Winston-Green WWTF Acct #A1FAONB5SFSBTH	102-2 · Sewer GF Checking	
				Inv: 1LYJ-VHKT-477H / Tools	71-0120 · Tools & Spare Parts	-274.32
				Inv: 14M1-1MFJ-F643 / Tools, tie down straps, filter	71-0120 · Tools & Spare Parts	-1,408.99
TOTAL						-1,683.31
Check	14485	10/14/2022	Avista Utilities		102-2 · Sewer GF Checking	
				Acct: 4466850000 / Nat'l Gas Svc 8/23-9/21	71-0205 · Natural Gas	-1,081.32
TOTAL						-1,081.32
Check	14486	10/14/2022	Bean Electric, LLC		102-2 · Sewer GF Checking	
				Inv: 16296 / Control circuit	71-0130 · Equipment Maintena...	-697.50
				Inv: 16329 / Waste pumps	71-0130 · Equipment Maintena...	-1,402.50
				Inv: 16351 / Heat pump	71-0190 · Building Maintenance	-649.29
TOTAL						-2,749.29
Check	14487	10/14/2022	Carollo Engineers		102-2 · Sewer GF Checking	
				Inv: FB27658 / Eng svcs for improvements	71-1050 · Owner Projects	-7,822.98
TOTAL						-7,822.98
Check	14488	10/14/2022	CenturyLink	Winston Green Reg 541-679-5016 577B	102-2 · Sewer GF Checking	
				Acct: 541-679-5016 577B / Security gate ph line 9/11-10/11	71-0160 · Phone	-44.27
TOTAL						-44.27
Check	14489	10/14/2022	Cole Industrial, Inc.		102-2 · Sewer GF Checking	
				Inv: OR35533 / Boiler repair	71-0130 · Equipment Maintena...	-1,332.61

**GAWSA - WWTP
Check Detail
September 1 through October 14, 2022**

Type	Num	Date	Name	Memo	Account	Paid Amount
TOTAL						-1,332.61
Check	14490	10/14/2022	Coopers Pest Control	Winston-Green WWTF Inv # Inv: 14141 / Pest control for September	102-2 · Sewer GF Checking 71-0190 · Building Maintenance	-115.00
TOTAL						-115.00
Check	14491	10/14/2022	DC Farmers Co-op	Winston-Green WWTF 270008 Acct: 270008 / Supplies-tape, pail, steel wool	102-2 · Sewer GF Checking 71-0190 · Building Maintenance	-36.43
TOTAL						-36.43
Check	14492	10/14/2022	Douglas County Solid Wa...	Winston-Green WWTF Ticket: 655486 / Grit and screenings Ticket: 652061 / Grit and screenings	102-2 · Sewer GF Checking 71-0190 · Building Maintenance 71-0190 · Building Maintenance	-153.22 -70.50
TOTAL						-223.72
Check	14493	10/14/2022	Douglas Fast Net	Winston-Green WWTF Acct #1210610 Phone/Internet Svc: 7/1-7-31 Phone/Internet Svc: 9/1-9/30 Phone/Internet Svc: 10/1-10/31	102-2 · Sewer GF Checking 71-0160 · Phone 71-0160 · Phone 71-0160 · Phone	-150.54 -159.08 -157.17
TOTAL						-466.79
Check	14494	10/14/2022	Environmental Resource ...	Quality control tests	102-2 · Sewer GF Checking 71-0240 · Lab	-259.85
TOTAL						-259.85
Check	14495	10/14/2022	Fastenal Company	Inv: ORROS226191 / Pipe cap Inv: ORROS226423 / Screws and washers	102-2 · Sewer GF Checking 71-0120 · Tools & Spare Parts 71-0120 · Tools & Spare Parts	-21.17 -38.31
TOTAL						-59.48
Check	14496	10/14/2022	GAWSA	Winston-Green WWTF #1193000	102-2 · Sewer GF Checking	

GAWSA - WWTP
Check Detail
September 1 through October 14, 2022

Type	Num	Date	Name	Memo	Account	Paid Amount
				Water svc: 8/10-9/10	71-0210 · Water & Other Utilities	-315.10
TOTAL						-315.10
Check	14497	10/14/2022	Hexagon Technologies, Inc.	Winston-Green WWTF	102-2 · Sewer GF Checking	
				Inv: 33103 / Cationic emulsion polymer	71-0220 · Chemicals	-6,384.00
TOTAL						-6,384.00
Check	14498	10/14/2022	IDEXX Distribution, Inc.	Winston-Green WWTF Acct #155816	102-2 · Sewer GF Checking	
				Inv: 3114124154 / Gamma irradiation test	71-0240 · Lab	-377.39
TOTAL						-377.39
Check	14499	10/14/2022	NAPA Auto Parts		102-2 · Sewer GF Checking	
				Inv: 873258 / Wiper	71-0120 · Tools & Spare Parts	-10.72
				Inv: 873272 / Gasket	71-0120 · Tools & Spare Parts	-88.72
				Inv: 873924 / Socket set	71-0120 · Tools & Spare Parts	-178.98
				Svc: 093022	71-0120 · Tools & Spare Parts	-1.38
				Inv: 870229 / Fuse, connector, lube	71-0130 · Equipment Maintena...	-45.59
				Svc: 083122	71-0130 · Equipment Maintena...	-23.31
TOTAL						-348.70
Check	14500	10/14/2022	OAWU		102-2 · Sewer GF Checking	
				Inv: 33756 / Fall Spirit Mtn Conf - Dillan McKinney	71-0170 · Training & Conferen...	-325.00
TOTAL						-325.00
Check	14501	10/14/2022	Pacific Power		102-2 · Sewer GF Checking	
				Acct: 38013711-001 7 / Utilities 8/3-9/1	71-0200 · Electricity	-8,911.64
TOTAL						-8,911.64
Check	14502	10/14/2022	Shirtcliff Oil Company	Acct 202700	102-2 · Sewer GF Checking	
				Inv: 845334 / Fuel	71-0140 · Equipment Operatio...	-171.77
				Inv: 866895 / Fuel	71-0140 · Equipment Operatio...	-150.59

GAWSA - WWTP
Check Detail
September 1 through October 14, 2022

Type	Num	Date	Name	Memo	Account	Paid Amount
TOTAL						-322.36
Check	14503	10/14/2022	Sierra Springs		102-2 · Sewer GF Checking	
				Inv: 21794497 091722 / Cooler rental, water	71-0110 · Office Supplies	-39.44
TOTAL						-39.44
Check	14504	10/14/2022	Stanley Convergent Secur...	Winston-Green WWTF	102-2 · Sewer GF Checking	
				Inv: 6002761820 / Monthly security svc 10/1-10/31	71-0190 · Building Maintenance	-204.95
TOTAL						-204.95
Check	14505	10/14/2022	The Automation Group, Inc.		102-2 · Sewer GF Checking	
				Inv: W11712 / Onsite help for VFD fault	71-0130 · Equipment Maintena...	-722.38
				Inv: W12115 / Motor control circuit	71-0130 · Equipment Maintena...	-1,010.20
TOTAL						-1,732.58
Check	14506	10/14/2022	Umpqua Research Compa...		102-2 · Sewer GF Checking	
				Inv: M067359 / Sludge analysis	71-0240 · Lab	-898.00
TOTAL						-898.00
Check	14507	10/14/2022	USABlueBook	Winston-Green WWTF Cust #392306	102-2 · Sewer GF Checking	
				Inv: 103476 / Lab materials	71-0240 · Lab	-444.68
				Inv: 103159 / Lab materials	71-0240 · Lab	-198.00
				Inv: 105230 / Lab materials	71-0240 · Lab	-156.46
				Inv: 106535 / Lab materials	71-0240 · Lab	-222.90
				Inv: 109340 / Lab materials	71-0240 · Lab	-176.78
				Inv: 119970 / Lab materials	71-0240 · Lab	-365.93
				Inv: 122831 / Lab materials	71-0240 · Lab	-347.15
TOTAL						-1,911.90

GREEN AREA WATER & SANITARY AUTHORITY
GENERAL MANAGER'S REPORT
October 18, 2022

GAWSA Rules & Regulations

I reached out to Paul Wilborn at Tri-City Water Sanitary to inquire about reviewing their rules and regulations. They are in the process of updating their rules and regulations (TCWSA formed in 2002) and were given some suggestions for policies in the rules and regulations by Eileen Eakins. Paul shared the information with me which I am currently reviewing.

Water Meter Reading Review Process

Our office and field staff do an incredible amount of work each month reviewing meter readings received from Metereaders LLC, however, we are finding that we are probably too thorough with the amount of review and re-read work we do. Metereaders does a great job at identifying anomalies and potential leaks, and our staff has identified several leaks in addition, but the reading review is a stressful and labor-intensive process. Both operations and office staff feel that customers need to bear some of the responsibility of identifying leaks. We will be adjusting our variance parameters to align with Metereaders more closely. At the same time, we will be increasing our customer outreach and education efforts.

2023 Home & Garden Show

GAWSA plans to have a booth at the next Home & Garden show at the Douglas County Fairgrounds in March. We plan to highlight topics such as reading a water meter to monitor usage/check for leaks, reading a water/sewer bill, the importance of backflow prevention, and what not to flush/FOG.

JP Morgan Chase Refunding Loan Assignment

It has been a slow process assigning the water treatment plant refunding loan from RCWD to GAWSA, but we are finally making some progress. This is the last of the contracts to be assigned before the 'Board of Trustees' can complete the dissolution.

Board Room improvements

Systech Consulting, our IT contractor, will be installing an overhead projector and retractable screen, camera, speaker, and microphone to better facilitate virtual meetings and training classes.

I received three bids for painting the Board room. Roseburg Precision Painting was selected at a cost of \$4,800, which includes sanding, priming, and applying oil-based paint to the window trim and doors.

We also plan to have a new beverage station installed, updated lighting, and new carpet.

SANITARY OPERATIONS REPORT

September 8, 2022

Construction Projects

- Vanacker Depriest development, line extension, ie Engineering.
 - Nothing new to report.

Collection System

- Manhole inspections project, underway, 'M' Basin complete.
- Temporary TV trailer, dismantled and returned.
- New TV Trailer complete, photos provided.
 - 'L' Basin, flushing and CCTV complete.
 - Computer repaired, system functioning.
 - Systech is working on an upgrade estimate for OS and hardware for the TV computer.
- Cross training with water/sanitary crews, in depth training for being on-call underway.
- Flushing project underway, starting 'M' Basin.
- Cues demo for lateral launch, nice equipment, not successful.

G4 and Pump Stations

- GAWSA Pump Stations ran well, with typical operation and maintenance.
- Rising River RV Park Pump Station.
 - Parts have arrived, scheduled for this month to replace float system.

Wastewater Treatment Plant and Properties

- We have a great crew working the plant, they are dedicated and enthusiastic.

Meetings and Conferences

- Matt attended the DUCC meeting.

Lateral Inspections

- 2 Inspections.
 - 237 Industrial.
 - 2284 Castle, lateral relocation and replacement.
 - 2288 Castle, lateral replacement.

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

Submitted by, Shannon L. Miller



GAWSA 18



Green Area Water & Sanitary Authority
Superintendents Report
October 2022

Operations are running smoothly. The crew has been getting facilities ready for the Fall/ Winter. We will be doing some work in our basin this week, before it goes back online for the rainy season.

We will be wrapping up our cyanotoxin sampling this month. Which continue to not be an issue for us.

We are currently working on a Safety & Security grant request from SDIS. We hope to purchase some Camera's for our remote sites, such as tanks and pump stations.

Our new leak locator has been ordered and will hopefully arrive any day.

We continue to have long lead times for items that we order. Some of the items we use for leak repair are readily available, but some items are up to 90 days out or more. This makes it a little more difficult to judge what we need for inventory.

We continue to cross train and I'm very pleased with the way the entire crew works together and the camaraderie that exists with them. We also have multiple crew members that will be attending Schooling next month.

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
Weekly Reports – September 2022**

September 1

- Filled Drying Beds
- Backwash pumps electrical failure
 - Bean Electric onsite Monday, found faulty relay
 - Relay burned out again, TAG onsite, found loose wire causing too many amps to be drawn. They also recommended replacing the start contactor in each Backwash Pump Electrical Bucket
- Aeration Basin Mixer # 2 Faulted
 - Water was found to be in the electrical termination box of the motor. A new gasket was made and the box dried out
- Staff has finally been able to empty all of our biosolids storage tanks from last year
- Cleaned out stormwater catch basins
- Fixed Chlorine Leak
- Rebuild Polymer Pump for Gravity Belt Thickener

September 23

- Finished putting solids in the drying beds for the year
- Backwash pumps electrical failure
 - Bean Electric has ordered new start contactors to be installed
- Met with Cintas regarding work clothing for staff
- Seal is leaking on the Gravity Belt Thickener gearbox. A replacement seal has been ordered. Staff is having to add oil to the gearbox on the days it is running
- Staff is testing new polymers on our gravity belt thickener. The existing polymer is going to become obsolete and we will no longer be able to receive any
- Chlorine Leak fixed
- Grounds Maintenance
- Patched scum box pipe on secondary clarifier #1
- Cleaned Chlorine Contact Chambers
- Plumbed Manometer on digester #1
- Removed hinge pins on digester #1 hatches so that they would seal
- Douglas County onsite digging up asphalt in front of Baker tanks
 - This will get paved before winter

September 30

- Replaced seal on gravity belt thickener gearbox
- Picked up drying 2 drying beds and hauled them to the landfill
 - The rain that came through the area a couple of weeks ago left all of our drying beds extremely wet. Unfortunately as they are now drying out we are finding them with mold in them so they will have to get hauled away to the landfill
- Repaired leaking shaft seal on our WAS valve
 - This repair is short term and will require an entire new valve assembly since the corrosion is so severe on the current valve

Winston-Green Regional Wastewater Treatment Plant
Weekly Reports – September 2022

- Removed RAS pump # 3 from service. It has had a bearing failure and will get rebuilt in the next few months as parts become available
- Met with the County, they will get our paving fix in front of the leachate tanks done in the next 2-3 weeks
- Replacement tools ordered
- Process adjustment made
- Primary clarifier # 2 taken offline and # 1 put online. This will allow staff to perform its yearly preventative maintenance

FLOW ALLOCATION CHART

MONTH	WINSTON MG	GREEN MG	LANDERS LN. MG	TOTAL MG	RAINFALL
Jan.22	38.71	30.97	0.956	70.63	3.29
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.21	19.05	22.33	0.570	41.96	3.64
Nov. 21	21.15	22.09	0.595	43.83	2.40
Dec.21	36.70	34.01	0.964	71.68	6.78
TOTAL	305.84	290.23	7.411	603.48	33.31
GREEN + LANDERS		297.64			
APPORTIONMENT	50.68%	49.32%			
			100%		

Winston- Green WWTF

September 2022

General

1.) Plant Influent Flow (MG)	<u>2022</u>		<u>2021</u>	
<i>Winston</i>	15.54	45%	16.41	47%
<i>Green</i>	18.82	55%	18.63	53%
<i>Rainfall</i>	1.04		2.85	
<i>Chlorine (Gallons)</i>	22,383		19,028	
<i>Leachate(Gallons)</i>	291,500		137,500	

Bio-Solids

1.) Storing Bio-Solids

WINSTON-GREEN WWTF

September 2022

SYSTEM CLASSIFICATION: IV PERMIT # 100554
 COUNTY: DOUGLAS

POPULATION: 10000 TYPE: RBC / ACTIVATED SLUDGE

FILE # 98400

D A T E	BIOSOLIDS										BIOSOLIDS			BIOSOLIDS									
	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 mg/l	% REM SS	LBS DIS SS	CL2 RES mg/l	CL2 USED GAL.	ECOLI COL	LAND gallons	DRYING BEDS gallons	RAIN FALL inches	
1	1.141	7.6								7.2	25.2					0.06	682				11,500		
2	1.088	7.6	197	358	0.3					7.4	25.3	6.3	97%	57	4.8	99%	44	0.06	674				
3	1.108	7.7								7.1	25.1					0.05	738						
4	1.111	7.5								7.3	25.0					0.05	748	7.4					
5	1.121	7.7								7.3	24.9					0.03	762						
6	1.105	7.6	171	371	1.06	6.21	1.35	14.5	4.2	7.4	25.0	5.6	97%	52	5.4	99%	50	0.05	716	6.3	9,000	6,650	
7	1.088	7.6	185	376	0.29		0.57			7.1	24.9	5.1	97%	46	4.4	99%	40	0.05	755			7,700	
8	1.107	7.5								7.2	24.6					0.06	750					7,000	
9	1.095	7.6	147	336						7.1	24.6	4.4	97%	40	4.8	99%	44	0.07	743				
10	1.078	7.6								7.2	24.6					0.05	730						
11	1.150	7.4								7.1	24.6					0.05	757	25.0					
12	1.091	7.2	489	358						7.2	24.9	9.3	98%	85	5.8	98%	53	0.08	743			0.02	
13	1.114	7.6								7.3	24.7					0.08	740	<1					
14	1.140	7.6	165	356	1.94	8.46	0.60	17.2	4.1	7.1	24.6	4.3	97%	41	6.4	98%	61	0.05	681				
15	1.098	7.5								7.2	24.3					0.06	747		4,500				
16	1.076	7.6	155	310	1.66					7.1	24.1	5.7	96%	51	10.0	97%	90	0.06	747				
17	1.141	7.7								7.2	23.7					0.04	743						
18	1.190	7.6								7.2	23.7					0.05	751						
19	1.126	7.5	168	342	1.79					7.4	23.9	7.2	96%	68	11.2	97%	105	0.06	751	2.0		0.19	
20	1.240	7.6								7.2	23.9					0.08	766	6.3				0.47	
21	1.407	7.5	165	305	0.66	3.76	0.33	18.1	3.8	7.2	23.8	6.3	96%	74	15.4	95%	181	0.05	798			0.32	
22	1.233	7.6								7.2	23.9					0.04	777						
23	1.199	7.5	130	251						7.3	23.8	6.5	95%	65	13.0	95%	130	0.04	762				
24	1.156	7.5								7.1	23.6					0.06	761					0.01	
25	1.225	7.5								7.2	23.7					0.06	782	42.8					
26	1.155	7.6	166	286	1.68	5.53	0.33	14.6	4.1	7.3	24.0	3.8	98%	37	5.4	98%	52	0.05	765	3.1			
27	1.167	7.5								7.3	24.0					0.05	766						
28	1.161	7.6	218	350	0.80					7.2	23.7	3.2	99%	31	4.8	99%	46	0.05	733			0.05	
29	1.126	7.6								7.2	23.5					0.06	754						
30	1.119	7.6	182	293						7.3	23.6	6.6	96%	62	6.6	98%	62	0.07	761		18,000		
TOT	34.36													708		956		#####		31,500	32,850	1.06	
MAX	1.407	7.7	489	376	1.94	8.46	1.35	18.1	4.2	7.4	25.3	9.3	99%	85	15.4	99%	181	0.08	798	42.8	18,000	11,500	0.47
MIN	1.076	7.2	130	251	0.29	3.76	0.33	14.5	3.8	7.1	23.5	3.2	95%	31	4.4	95%	40	0.03	674	<1	4,500	6,650	0.00
AVG	1.145	7.6	195	330	1.13	5.99	0.64	16.1	4.0	7.2	24.3	5.7	97%	54	7.5	98%	74	0.06	746	6.2	10,500	8,213	0.18

LBS AVG

WEEKLY AVG. Mkcals/day	EFF TEMP @ WEEKLY AVG.
1	30.3
4	28.3
11	27.1
18	26.8
25	25.2

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>
9/2	7:30 AM	598	8.53	9/4	6:45 AM	662	8.57	9/5	6:00 AM	650	8.52
				9/4	8:05 AM	662	8.47	9/5	8:00 AM	650	8.53
				9/4	9:29 AM	662	8.45	9/5	1:30 PM	650	8.52
					11:38 AM	662	8.37				
				9/4	12:58 PM	662	8.32				
Total Gallons: 5,500 1				Total Gallons: 27,500 5				Total Gallons: 16,500 3			
<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	7:27 AM	570	8.61	9/10	7:00 AM	546	8.55	9/11	6:47 AM	658	8.50
9/9	5:31 AM	570	8.48					9/11	8:36 AM	658	8.48
9/9	12:00 PM	570	8.38					9/11	9:41 AM	658	8.44
								9/11	11:00 AM	658	8.42
Total Gallons: 16,500 3				Total Gallons: 5,500 1				Total Gallons: 22,000 4			
<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	6:42 AM	646	8.53	9/13	7:15 AM	670	8.48	9/14	6:59 AM	628	8.46
9/12	9:10 AM	646	8.48	9/13	8:15 AM	670	8.45	9/14	2:30 PM	628	8.39
	1:24 PM	646	8.37								
Total Gallons: 16,500 3				Total Gallons: 11,000 2				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>
9/15	7:05 AM	646	8.52	9/16	7:30 AM	698	8.50	9/17	7:20 AM	680	8.62
9/15	3:08 PM	646	8.56	9/16	4:00 PM	698	8.42				
Total Gallons: 11,000 2				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>
9/18	7:06 AM	676	8.56	9/19	6:50 AM	694	8.52	9/20		702	8.55
9/18	8:47 AM	676	8.50		9:07 AM	694	8.53		1:01 PM	702	8.41
9/18	1:04 PM	676	8.47								
Total Gallons: 16,500 3				Total Gallons: 11,000 2				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>
9/21	6:45 AM	644	8.60	9/22	9:45 AM	586	8.52	9/23	7:05 AM	450	8.53
9/21	3:41 PM	644	8.45	9/22	11:25 AM	586	8.40	9/23	8:50 AM	450	8.48
Total Gallons: 11,000 2				Total Gallons: 11,000 2				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>
9/25	6:49 AM	426	8.48		12:56 PM	422	8.23	9/27	6:39 AM	468	8.52
9/25	8:34 AM	426	8.41		2:33 PM	422	8.24				
9/25	9:43 AM	426	8.35								
9/25	11:06 AM	426	8.30								
Total Gallons: 22,000 4				Total Gallons: 11,000 2				Total Gallons: 5,500 1			

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>
9/28	9:48 AM	472	8.48	9/30	7:27 AM	444	8.34				
9/28	11:15 AM	472	8.37								
9/28	3:28 PM	472	8.22								

Total Gallons:	16,500	3	Total Gallons:	5,500	1	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
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TOTAL TICKETS: 53
TOTAL GALLONS/MONTH: 291,500
 \$5,830