

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

Board Secretary Steve Lusch called the regular Board meeting to order at 5:00pm. Present were Board Directors Tom Fullbright, Steve Lusch, and Brenda Kingry. Also present were: GAWSA employees David Campos, Alan Paulson, and Shannon Miller. Also present was Chris Sherlock, City of Winston Wastewater Treatment Plant Superintendent. Board members Tracey Parker and Carolyn White were absent.

Board member Tom Fullbright made a motion to approve the November Board meeting minutes and accounts payable. Director Brenda Kingry seconded the motion. The motion carried unanimously.

David Campos presented the General Manager's report. David informed the Board that the water treatment plan refunding loan has officially been assigned to GAWSA. Since Board chair Tracey Parker is the chair of the Roberts Creek Water Board of Trustees, once she is able to attend the meetings again the dissolution of the districts can be finalized.

David presented a report that was created in response to a public records request. The report listed the number of door hanger water shut off notices issued in the past year, by month.

David requested the Board approve a holiday cash gift for employees in the amount of \$150 per employee. Director Fullbright contended that the amount previously given was \$100 per employee, and made a motion approve the \$100 cash gift per employee. Director Kingry seconded the motion. The motion passed unanimously.

David presented a draft of an Intergovernmental Agreement with Douglas County, which allows equipment and services to be shared mutually between the two agencies. The agreement was created in response to GAWSA's need to utilize the County's boom truck for a waterline repair that runs under the bridge on Riverplace Drive. David stated that a similar agreement existed between Roberts Creek Water and Douglas County for some water line work on Happy Valley Rd, however this new agreement provides greater flexibility between the agencies. It was noted that the Authority's name needs to be corrected, along with its principal act per the Oregon Revised Statutes. David replied that he had already submitted the necessary changes to the County and is expecting a final draft. Director Kingry made a motion to approve the Intergovernmental Agreement with changes to the name. Director Fullbright seconded the motion. The motion passed unanimously.

David stated that, as was approved by the Board via phone call poll, the Authority has purchased a 2022 Toyota Venza for general transportation needs.

Collections System Supervisor Shannon Miller presented the sanitary operations report. Shannon informed the Board that he and David attended a meeting regarding a proposed Green Family Housing project, which is a 90-unit multifamily affordable housing complex.

Shannon informed the Board that we encountered a sanitary sewer overflow (SSO) on November 21. The overflow was not significant, but it led to us discovering an asbestos cement sewer pipe running across Highway 42 that had collapsed. We were able to clear the plug, but the line is very susceptible to a future overflow event. Shannon spoke with Michels Corp, who stated that they would not be

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

comfortable doing a cured-in-place pipe. Shannon spoke with a contractor about replacing the line via a pipe bursting method. The contractor Shannon spoke with stated that they will be doing a pipe bursting project with the City of Winston in the near future. The 12-inch asbestos cement pipe runs through a metal corrugated sleeve, which is keeping the wastewater contained. The manhole the corroded pipe runs into will need to be lined as well. Shannon added that the City of Winston and their engineer have agreed to allowing us to join the contract via a change order.

David explained, from the water operations report, that new rules from the State of Oregon will require us to document our service line inventory and identify any lead based lines. For any lead lines, we will create a plan to replace those lines.

Wastewater Treatment Plant Superintendent Chris Sherlock presented his report. Chris stated that GenSet number 2 continues to have problems. They are planning to move to another system.

The wastewater treatment plant is in the middle of a flow study, conducted by Carollo engineers. Carollo has requested additional testing, as they believe there may be some recycle streams at the plant that is throwing off the BO load tests.

For the good of the order, Director Kingry stated she wanted to revisit the employee cash gift, as she read in minutes from the previous year that the approved gift amount was \$150 per employee. Director Kingry then made a motion to amend the approved cash gift to \$150. Director Fullbright seconded the motion. The motion passed unanimously.

There being no further business before the Board, Director Fullbright made a motion to adjourn the meeting. Director Kingry seconded the motion. Director Lusch adjourned the meeting at 6:34 pm.

Steve Lusch, Board Secretary

Tracey Parker, Board Chair

GREEN AREA WATER & SANITARY AUTHORITY

Plant Expense Detail

December 29 - 31, 2022

Expense	Check	Name	Memo	Amount
650-2 · O & M Regional WWTP				
71-0110 · Office Supplies				
	14565	Sierra Springs	Inv: 21794497 121022 / Water and cooler rental	39.44
	14567	Staples Credit Plan	Late fees for membership dues	17.00
Total 71-0110 · Office Supplies				<u>56.44</u>
71-0120 · Tools & Spare Parts				
	14552	NAPA Auto Parts	Inv: 878021 / Belts	219.16
	14552	NAPA Auto Parts	Inv: 878698 / Belt and threadlocker	68.01
	14552	NAPA Auto Parts	Inv: 879415 / Alternator belts	85.32
	14555	Card Member Services	Victaulic flange adapter gaskets	300.33
	14555	Card Member Services	Victaulic coupler assembly	480.74
	14560	Fastenal Company	Inv: ORROS227470 / Couplings	148.10
Total 71-0120 · Tools & Spare Parts				<u>1,301.66</u>
71-0130 · Equipment Maintenance/Repair				
	14554	Butler Actuator Services LLC	Inv: 1204 / Actuator repair	8,593.00
	14561	Measure-Tech, Inc	Inv: 17764 / Calibration of flow meters	1,108.96
	14564	Cummins Sales and Service	Order: 113022 / Heater block repair	372.21
Total 71-0130 · Equipment Maintenance/Repair				<u>10,074.17</u>
71-0160 · Phone				
	14559	Douglas Fast Net	Phone service 11/1-11/30	151.92
	14559	Douglas Fast Net	Phone service 12/1-12/31	160.71
Total 71-0160 · Phone				<u>312.63</u>
71-0190 · Building Maintenance				
	14556	Coopers Pest Control	Inv: 17610 / Pest control December 2022	115.00
	14558	DC Farmers Co-op	Inv: 52976 / Timer	25.99
	14558	DC Farmers Co-op	Inv: 53100 / Paper towels and ext cord	43.98
	14566	Stanley Convergent Security Solutions	Inv: 6002966831 / Monthly security service-January	204.95
Total 71-0190 · Building Maintenance				<u>389.92</u>
71-0200 · Electricity				
	14562	Pacific Power	Acct: 38013711-001 7 / Utilities 11/1-12/5	11,471.76
Total 71-0200 · Electricity				<u>11,471.76</u>
71-0205 · Natural Gas				
	14553	Avista Utilities	Acct: 4466850000 / Natural gas 10/20/22-11/21/22	3,707.89
Total 71-0205 · Natural Gas				<u>3,707.89</u>
71-0220 · Chemicals				
	14558	DC Farmers Co-op	Inv: 7979 / Hydrated lime	287.82
Total 71-0220 · Chemicals				<u>287.82</u>
71-0240 · Lab				
	14551	Amazon Capital Services	Inv: 17Q1-37WF-NDN6 / Shop supplies and pallet shrink wrap	52.48
	14563	Quality Control Services, Inc.	Inv: 69415 / Service and calibration lab meters	795.00
	14568	USABlueBook	Inv: 193089 / Lab supplies	29.40
	14568	USABlueBook	Inv: 192954 / Lab supplies	401.07
	14568	USABlueBook	Inv: 201295 / Lab supplies	187.02
Total 71-0240 · Lab				<u>1,464.97</u>
71-0250 · Personal Protective Equipment				
	14557	CINTAS CORP	Uniforms	242.96
Total 71-0250 · Personal Protective Equipment				<u>242.96</u>
Total 650-2 · O & M Regional WWTP				<u>29,310.22</u>
Total Expense				<u>29,310.22</u>

GREEN AREA WATER & SANITARY AUTHORITY

Plant Expense Detail

January 1 - 10, 2023

Expense	Check	Name	Memo	Amount
650-2 · O & M Regional WWTP				
71-0120 · Tools & Spare Parts				
	14569	Amazon Capital Services	Inv: 1RQQ-WRNC-1FPD / Water Filter	96.36
	14569	Amazon Capital Services	Inv: 1DQQ-9CD1-4J9C / Pipe Fittings, Valves, Sandpaper	327.39
	14573	DC Farmers Co-op	Inv: 53156 / Connector and Couplings	18.95
	14573	DC Farmers Co-op	Inv: 8721 / Conduit	44.70
	14573	DC Farmers Co-op	Inv: 53314 / Connectors	36.96
	14573	DC Farmers Co-op	Inv: 53349 / Pipe Thread Tap	17.98
	14573	DC Farmers Co-op	Inv: 834101 / Service Charge	5.37
	14575	Oregon Tool & Supply	Inv: 842057 / Safety Glasses	26.55
Total 71-0120 · Tools & Spare Parts				574.26
71-0160 · Phone				
	14572	CenturyLink	Security Gate Phone Line 12/11/22-1/11/23	43.81
Total 71-0160 · Phone				43.81
71-0190 · Building Maintenance				
	14569	Amazon Capital Services	Inv: 1L1X-KVCF-XL67 / Shop/Office Supplies, Filters	381.33
	14574	Douglas County Solid Waste	Ticket: 664551 / Grit and Screenings	249.10
Total 71-0190 · Building Maintenance				630.43
71-0205 · Natural Gas				
	14570	Avista Utilities	Acct: 4466850000 / Natural Gas Svc 11/21-12/21	5,115.83
Total 71-0205 · Natural Gas				5,115.83
71-0240 · Lab				
	14569	Amazon Capital Services	Inv: 19LV-JGKV-7MG1 / Lab Supplies	125.43
	14576	USABlueBook	Inv: 208123 / Lab Supplies	262.68
Total 71-0240 · Lab				388.11
71-1050 · Owner Projects				
	14571	Carollo Engineers	Inv: FB30596	11,128.17
Total 71-1050 · Owner Projects				11,128.17
Total 650-2 · O & M Regional WWTP				17,880.61
Total Expense				17,880.61

GREEN AREA WATER & SANITARY AUTHORITY
GAWSA Expense Detail
December 2022

Num	Name	Memo	Amount
506-1 · Health Ins Benefits- WA			
10792	SDIS	January health/supplemental insurance premiums	4,017.74
EFT	HRA VEBA TRUST	2022-2023 VEBA contributions	8,000.00
Total 506-1 · Health Ins Benefits- WA			12,017.74
506-2 · Health Ins Benefits - SA			
10792	SDIS	January health/supplemental insurance premiums	4,017.74
EFT	HRA VEBA TRUST	2022-2023 VEBA contributions	8,000.00
Total 506-2 · Health Ins Benefits - SA			12,017.74
507-1 · Retirement Contribution - WA			
10807	EDWARD JONES CO.	Qtr end Dec 2022 contribution- Water Admin	4,023.12
Total 507-1 · Retirement Contribution - WA			4,023.12
507-2 · Retirement Contribution - SA			
10807	EDWARD JONES CO.	Qtr end Dec 2022 contribution- Sewer Admin	4,023.12
Total 507-2 · Retirement Contribution - SA			4,023.12
512-1 · Legal Fees - WAdmin			
10781	DAVIS WRIGHT TREMAINE, LLP	Matter No. 92068-310 / Chase loan assignment to GAWSA	1,000.00
Total 512-1 · Legal Fees - WAdmin			1,000.00
515-1 · Office Supplies - WA			
10775	CANON SOLUTIONS AMERICA, INC.	Inv #6002454318 / Office copier maintenance 10/20 - 11/19	50.50
10794	STAPLES	Inv #38098 / post-it flags, pens	11.49
Total 515-1 · Office Supplies - WA			61.99
515-2 · Office Supplies - SA			
10794	STAPLES	Inv #38098 / post-it flags, pens	11.49
Total 515-2 · Office Supplies - SA			11.49
516-1 · Communication/IT - WA			
10776	CARDMEMBER SERVICE	Right Networks - Office 365 Cloud subscription	8.48
10776	CARDMEMBER SERVICE	IPower.com - rcwaterdistrict.com domain name renewal	19.99
10780	DOUGLAS FAST NET	Water office phone/fax/internet - December	109.49
Total 516-1 · Communication/IT - WA			137.96
516-2 · Communication/IT - SA			
10776	CARDMEMBER SERVICE	Right Networks - Office 365 Cloud subscription	8.47
10780	DOUGLAS FAST NET	Sanitary office phone/fax/internet - December	475.19
Total 516-2 · Communication/IT - SA			483.66
517-1 · Utilities- WA			
10774	AVISTA UTILITIES	4336 Old Hwy 99 - Water office	82.64
Total 517-1 · Utilities- WA			82.64
517-2 · Utilities- SA			
10774	AVISTA UTILITIES	3879 Old Hwy 99 - Sanitary office	142.06
Total 517-2 · Utilities- SA			142.06
518-1 · R & M Office - WA			
10776	CARDMEMBER SERVICE	Costco - janitorial supplies, snow shovel	175.35
10782	EXODUS PEST CONTROL	Inv #74587 / December pest control - water office	26.00
10790	OREGON LINEN	Inv #874220 / rug service - Water Office	67.52
Total 518-1 · R & M Office - WA			268.87
519-1 · Property/Cas Insurance - WA			
10803	SDIS	Prorated property premium - 2022 Toyota Venza	16.00
Total 519-1 · Property/Cas Insurance - WA			16.00
519-2 · Property/Cas Insurance - SA			
10803	SDIS	Prorated property premium - 2022 Toyota Venza	16.00
Total 519-2 · Property/Cas Insurance - SA			16.00
520-1 · Liability/Auto Insurance - WA			
10803	SDIS	Prorated liability premium - 2022 Toyota Venza	16.50
Total 520-1 · Liability/Auto Insurance - WA			16.50

GREEN AREA WATER & SANITARY AUTHORITY
GAWSA Expense Detail
December 2022

Num	Name	Memo	Amount
520-2 · Liability/Auto Insurance - SA			
10803	SDIS	Prorated liability premium - 2022 Toyota Venza	16.50
Total 520-2 · Liability/Auto Insurance - SA			16.50
521-1 · Public Relations/Adver - WA			
10776	CARDMEMBER SERVICE	Halo Branded Sol - 100 Water pamphlets	156.13
Total 521-1 · Public Relations/Adver - WA			156.13
522-1 · Travel & Training - WA			
10793	STACEY WERNER	Reimburse mileage Oct-Nov	23.50
Total 522-1 · Travel & Training - WA			23.50
522-2 · Travel & Training - SA			
10793	STACEY WERNER	Reimburse mileage Oct-Nov	23.50
Total 522-2 · Travel & Training - SA			23.50
525-1 · Misc. Expense - WA			
10776	CARDMEMBER SERVICE	Safeway - drinks, food for Board meeting/BPA	18.88
10776	CARDMEMBER SERVICE	Abby's - pizza for Board meeting/BPA	57.38
10776	CARDMEMBER SERVICE	Interest charge / reverse late fee	86.88
10778	BASSETT-HYLAND ENERGY	Service charge	11.82
10794	STAPLES	Finance charge	52.87
10802	UMPQUA QUARRIES, LLC	Service charge	4.21
10805	WINSTON SANITARY SERVICE	Reversed late fee	-4.22
Total 525-1 · Misc. Expense - WA			227.82
525-2 · Misc Expense - SA			
10776	CARDMEMBER SERVICE	Safeway - drinks, food for Board meeting/BPA	18.88
10776	CARDMEMBER SERVICE	Abby's - pizza for Board meeting/BPA	57.39
10776	CARDMEMBER SERVICE	Interest charge / reverse late fee	86.95
10778	BASSETT-HYLAND ENERGY	Service charge	11.81
10794	STAPLES	Finance charge	52.87
Total 525-2 · Misc Expense - SA			227.90
530-1 · Utility Mgmt Solution/CWP - WA			
EFT	BMS TECHNOLOGIES	Inv #79627 / October billing statements	1,010.33
EFT	BMS TECHNOLOGIES	Inv #80028 / November billing statements	1,006.89
Total 530-1 · Utility Mgmt Solution/CWP - WA			2,017.22
530-2 · Utility Mgmt Solution/CWP - SA			
EFT	BMS TECHNOLOGIES	Inv #79627 / October billing statements	1,010.33
EFT	BMS TECHNOLOGIES	Inv #80028 / November billing statements	1,006.89
Total 530-2 · Utility Mgmt Solution/CWP - SA			2,017.22
534-1 · Postage - WA			
10776	CARDMEMBER SERVICE	USPS Pre-stamped envelopes	369.60
Total 534-1 · Postage - WA			369.60
534-2 · Postage - SA			
10776	CARDMEMBER SERVICE	USPS Pre-stamped envelopes	369.60
Total 534-2 · Postage - SA			369.60
535-1 · Contract Services - Meter Reads			
10786	METEREADERS, LLC	Inv #10511 / November meter readings	2,372.25
Total 535-1 · Contract Services - Meter Reads			2,372.25
550-1 · Office Equipment - WA			
10776	CARDMEMBER SERVICE	Costco - 85" TV for Board room	750.00
10776	CARDMEMBER SERVICE	Crutchfield - Soundbar/speakers for Board room	234.00
10784	FX DESIGNS	Inv #33434 / GAWSA logo for Venza	87.50
Total 550-1 · Office Equipment - WA			1,071.50
550-2 · Office Equipment - SA			
10776	CARDMEMBER SERVICE	Costco - 85" TV for Board room	749.99
10776	CARDMEMBER SERVICE	Crutchfield - Soundbar/speakers for Board room	234.00
10784	FX DESIGNS	Inv #33434 / GAWSA logo for Venza	87.50
Total 550-2 · Office Equipment - SA			1,071.49

GREEN AREA WATER & SANITARY AUTHORITY
GAWSA Expense Detail
December 2022

Num	Name	Memo	Amount
551-1 · Building Improvements - WA			
10776	CARDMEMBER SERVICE	Sherwin Williams - paint samples	24.27
Total 551-1 · Building Improvements - WA			24.27
551-2 · Building Improvements - SA			
10776	CARDMEMBER SERVICE	Sherwin Williams - paint samples	24.27
Total 551-2 · Building Improvements - SA			24.27
606-1 · Health Ins. Benefits - WO			
10792	SDIS	January health/supplemental insurance premiums	12,092.12
EFT	HRA VEBA TRUST	2022-2023 VEBA contributions	22,000.00
Total 606-1 · Health Ins. Benefits - WO			34,092.12
606-2 · Health Ins. Benefits - SO			
10792	SDIS	January health/supplemental insurance premiums	5,997.52
EFT	HRA VEBA TRUST	2022-2023 VEBA contributions	10,000.00
Total 606-2 · Health Ins. Benefits - SO			15,997.52
607-1 · Retirement Contributions - WO			
10807	EDWARD JONES CO.	Qtr end Dec 2022 contribution- Water Operations	11,622.42
Total 607-1 · Retirement Contributions - WO			11,622.42
607-2 · Retirement Contributions - SO			
10807	EDWARD JONES CO.	Qtr end Dec 2022 contribution- Sewer Operations	6,046.14
Total 607-2 · Retirement Contributions - SO			6,046.14
610-1 · Vehicle/Equipment O & M - WO			
10773	NAPA AUTO PARTS	Inv #877747 / PO 18035 / oil filters, WD40, penetrant	40.86
10773	NAPA AUTO PARTS	Inv #879338 / PO 18047 / oil, oil filter for 2014 Dodge	72.97
10778	BASSETT-HYLAND ENERGY	Fuel 9/16 - 9/30 Inv #CL10278	328.98
10778	BASSETT-HYLAND ENERGY	Fuel 10/15 - 10/31 Inv #CL11075	371.94
10778	BASSETT-HYLAND ENERGY	Fuel 11/1 - 11/15 Inv #CL11467	257.84
10778	BASSETT-HYLAND ENERGY	Fuel 11/16 - 11/30 Inv #CL11834	257.26
10791	RDO EQUIPMENT CO.	Inv #P3331479 / PO 18048 / Vactron throttle parts	0.00
Total 610-1 · Vehicle/Equipment O & M - WO			1,329.85
610-2 · Vehicle/Equipment O & M - SO			
10776	CARDMEMBER SERVICE	D&R Auto Supply(Napa) PO 18036 / Filters for flusher truck	176.76
10778	BASSETT-HYLAND ENERGY	Fuel 9/16 - 9/30 Inv #CL10278	185.04
10778	BASSETT-HYLAND ENERGY	Fuel 10/15 - 10/31 Inv #CL11075	175.25
10778	BASSETT-HYLAND ENERGY	Fuel 11/1 - 11/15 Inv #CL11467	82.26
10778	BASSETT-HYLAND ENERGY	Fuel 11/16 - 11/30 Inv #CL11834	162.60
Total 610-2 · Vehicle/Equipment O & M - SO			781.91
611-1 · Dues/Fees/Subscriptions- WO			
10787	ONE CALL CONCEPTS, INC.	Inv #2110699 / November locates - water	30.37
10788	OREGON DEPT. OF REVENUE	SFM Right to Know fee 2022 / 33730	411.00
10788	OREGON DEPT. OF REVENUE	DEQ Toxic Reduction fee 2022 / 33730	133.00
10789	OHA - CASHIER	PWS 4100717 2023 Cross Connection Fee	200.00
Total 611-1 · Dues/Fees/Subscriptions- WO			774.37
611-2 · Dues/Fees/Subscriptions- SO			
10787	ONE CALL CONCEPTS, INC.	Inv #2110699 / November locates - sewer	30.38
Total 611-2 · Dues/Fees/Subscriptions- SO			30.38
612-1 · Communication & IT - WO			
10780	DOUGLAS FAST NET	Carnes Internet December	84.39
10780	DOUGLAS FAST NET	WTP internet, phone, fax, alarm line - December	127.39
10804	VERIZON WIRELESS	Inv. #9920976833 / Tablet line	46.06
Total 612-1 · Communication & IT - WO			257.84
613-1 · Travel & Training - WO			
10776	CARDMEMBER SERVICE	UCC - Oregon Operators Conference PO 18031 / DR, AP	800.00
Total 613-1 · Travel & Training - WO			800.00
613-2 · Travel & Training - SO			
10776	CARDMEMBER SERVICE	UCC - Oregon Operators Conference PO 18031 / SM	250.00
10776	CARDMEMBER SERVICE	Spirit Mountain Lodge PO 18037 / Lodging for OAWU Conf - MC	392.70
Total 613-2 · Travel & Training - SO			642.70

GREEN AREA WATER & SANITARY AUTHORITY
GAWSA Expense Detail
December 2022

Num	Name	Memo	Amount
620-1 · R & M - Field WO			
10783	FERGUSON WATERWORKS #3011	Inv #1157889 / PO 18045 / 2-12" Hymax flange adapters	1,733.08
10785	CORIX WATER PRODUCTS, INC.	Inv #U2216055824 / PO 18043 / 12" flanged exp joint - River Place Bridge	1,261.41
Total 620-1 · R & M - Field WO			2,994.49
621-1 · R & M - Dist Shop WO			
10805	WINSTON SANITARY SERVICE	Inv #281194 / 200G dumpster Carnes shop	90.60
Total 621-1 · R & M - Dist Shop WO			90.60
622-1 · Tools & Supplies - WO			
10776	CARDMEMBER SERVICE	Coastal PO 18025 / cordless tools for service crew	794.69
10779	DOUGLAS CO. FARMERS CO-OP	Inv #52916 / PO 18038 / Batteries for leak locator	25.98
Total 622-1 · Tools & Supplies - WO			820.67
624-1 · Utilities - Water Dist WO			
10774	AVISTA UTILITIES	3319 Carnes Rd. - Shop	476.14
10774	AVISTA UTILITIES	237 Highland Vista - PS	18.52
Total 624-1 · Utilities - Water Dist WO			494.66
626-1 · Water Samples - WO			
10801	UMPQUA RESEARCH	M068355	192.00
10801	UMPQUA RESEARCH	M038371	1,035.00
10801	UMPQUA RESEARCH	M068450	135.00
Total 626-1 · Water Samples - WO			1,362.00
627-1 · Backflow Tests- WO			
10777	CHRIS NICHOLLS CONSTRUCTION	Inv #292752 / 6 non-comp backflow tests	270.00
Total 627-1 · Backflow Tests- WO			270.00
628-1 · Inventory Adjustment W			
10785	CORIX WATER PRODUCTS, INC.	Inv #U2216056610 / PO 18046 / field parts for inventory	687.17
10802	UMPQUA QUARRIES, LLC	Inv #58475 / PO 18033 / crushed rock for stock pile	583.73
Total 628-1 · Inventory Adjustment W			1,270.90
642-2 · Tools & Supplies - SO			
10776	CARDMEMBER SERVICE	Amazon PO 18027 / Debris removal tool for sewer	540.00
10776	CARDMEMBER SERVICE	Amazon PO 18029 / Epoxy nozzles for manhole sealing	31.98
10776	CARDMEMBER SERVICE	Amazon PO 18039 / wall file, anti-fog spray for CCTV trailer	28.76
10776	CARDMEMBER SERVICE	Amazon PO 18040 / Items for CCTV trailer	48.02
Total 642-2 · Tools & Supplies - SO			648.76
647-2 · G4 Pumpstation - SO			
10780	DOUGLAS FAST NET	G4 alarm line - December	13.90
10785	CORIX WATER PRODUCTS, INC.	Inv #U2216053246 / PO 18032 / 1.5" meter for G4	292.71
Total 647-2 · G4 Pumpstation - SO			306.61
701-1 · WTP Tools & Supplies			
10775	CANON SOLUTIONS AMERICA, INC.	Inv #6002454318 / Plant copier maintenance 10/20 - 11/19	8.78
Total 701-1 · WTP Tools & Supplies			8.78
TOTAL			124,974.38

GREEN AREA WATER & SANITARY AUTHORITY
GENERAL MANAGER'S REPORT
January 12, 2023

Staff Luncheon

In conjunction with our monthly staff Safety Meeting, we held a staff luncheon for the holidays. All the staff were very appreciative of their cash gift.

Pastureland Lease Renewal – Holgate

I have included the 12-month renewal for the pastureland lease on Holgate to Cody Sandberg

Third Leachate Extension

We are expecting a draft from the County on the extension of the existing leachate agreement No. 30000175. The County is in the process of building their pretreatment. We expect, as stated in the original agreement, that there will be renegotiations once the County implements the leachate pretreatment.

Resolution Declaring Emergency

As discussed at the previous meeting, we incurred a sewer line collapse and overflow. Our two options for remediation are to piggyback on to the City of Winston's pipe-bursting project, if possible, or declare an emergency and avoid the competitive bidding process, as time is of the essence. After reviewing the ORS for public contracting and consulting with legal counsel, declaring an emergency is the recommended course of action. I also just spoke to Mark Bauer, Winston City Manager, and he agreed that an emergency declaration would be best.

Mark and I did discuss, however, that we should still establish a general shared equipment/services IGA between GAWSA and City of Winston, similar to what we just did with Douglas County.

I have included Resolution No. 2023-01-01 for review and adoption.

Insurance Renewals

I met with Guy Kennerly to review our Property/Liability/Cyber insurance policies renewals for 2023. With the 10% credit for the SDAO Best Practices Checklist, our premium increase is 5% compared to 2022. We also briefly discussed the health insurance policy renewals. SDAO is advising districts to budget for a 10% increase in health insurance premiums to be safe, even though actual premium increases may be closer to 5%.

SDAO Annual Conference

The conference will be held February 9-11. Board member Steve Lusch and I will be attending. I am requesting to move the February Board meeting to either Wednesday, February 8, or to the third week of February.

HOLGATE PASTURELAND LEASE AGREEMENT

THIS AGREEMENT is made and entered into this _____ day of _____, 2023, by and between Green Area Water and Sanitary Authority, hereinafter referred to as "Authority" and Cody Sandberg, hereinafter referred to as "Lessee".

The Lessee and Authority, for the consideration hereinafter described agree as follows:

- 1. **TERMS.** The Authority shall lease the pastureland located at 4836 Holgate to the Lessee, for the sole purpose of pasturing livestock for a period of January 1 through December 31, 2023 unless terminated by the provisions of Paragraph 6.
- 2. **CONDITIONS.** The Authority shall deliver the premises herein leased in good condition and the Lessee shall not permit any alterations or deterioration of the property. At the conclusion of the term provided in this lease, the Lessee shall return said premises to the Authority in good condition, reasonable wear thereof expected. Failure to do so will result in possible litigation.
- 3. **INSURANCE.** During the duration of this Agreement, the Lessee shall obtain and maintain continuously in effect farm insurance with the Authority named as additional insured.
- 4. **INDEMNIFICATION.** In consideration of this Agreement, the Authority agrees to defend, hold harmless and indemnify the Lessee from any and all liability, damages, costs, expenses, and attorney fees arising out of the negligent act or omission of any officer, employee, board member, or agent of the Authority while acting within the scope of their duties and authority as provided under the Oregon Tort Claims Act, ORS 30.260 to 30.300, for activities arising out of the use of leased property.

In consideration of this Agreement, the Lessee agrees to defend, hold harmless and indemnify the Authority, its officers, employees, board members, and agents from any and all liability, damages, costs, expenses, and attorney fees arising out of the Lessee’s negligence while engaged in the activities arising out of the use of leased property.

5. **LEASE RATE.** The lease rate is \$2,400 per annual term. The Lessee shall perform maintenance of the premises which will offset the lease rate with the cost of time and materials. In the event that the cost of the maintenance projects performed is less than the annual lease rate, payment is to be made to Green Area Water and Sanitary Authority at 4336 Old Highway 99 South, Roseburg, OR 97471.

6. **TERMINATION OF AGREEMENT.** Either party may terminate this Agreement by giving thirty (30) days notice to the other in writing. After receipt of the termination of this Agreement, Lessee has thirty (30) days to vacate the premises. Any termination under this section will be without prejudice to any obligations or liabilities of either party already accrued prior to such termination.

GREEN AREA WATER & SANITARY AUTHORITY LESSEE

Tracey Parker
Board Chair

Cody Sandberg

Date: _____

Date: _____

ATTEST:

**SECOND EXTENSION AND ASSIGNMENT OF CONTRACT
NO. 30000175**

This **second** extension and assignment of contract (“second extension”) is made on the ___ day of _____, **2021**, between DOUGLAS COUNTY, a political subdivision of the State of Oregon (“County”), GREEN SANITARY DISTRICT (“District & Assignor”), GREEN AREA WATER AND SANITARY AUTHORITY (“Authority & Assignee”), and the CITY OF WINSTON (“City”).

IT IS HEREBY AGREED:

1. INCORPORATION OF PRIOR DOCUMENTS: Reference is hereby made to prior documents such as the original agreement entered on or about January 8, 2020, by County, District and City, filed in the Douglas County Court Journal on January 16, 2020, under recording No. CJ 2020-0065 (“original agreement”). The parties then entered into a first extension of contract, filed in the Douglas County Court Journal on December 16, 2020, under recording No. CJ 2020-1336 (“first extension”). The original contract and first extension together shall be referred to as “this agreement.”

2. ASSIGNMENT:

2.1. Assignor assigns its rights and delegates its duties under the original contract to Assignee.

2.2. Assignee accepts those rights and assumes all duties.

2.3. County consents to the assignments, delegations, and assumptions.

2.4. Assignor is not relieved of its duties under the prior documents.

3. EXTENSION:

The term of this agreement is extended to December 31, 2022, subject to early termination as otherwise provided.

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4. ENTIRE CONTRACT: Except as modified herein, the terms and conditions of the original agreement and all prior extensions and modifications shall apply.

GREEN SANITARY DISTRICT

By _____
Title _____
Print Name _____
Fed ID # _____
Date _____

ATTEST

By _____
Title _____
Print Name _____
Date _____

CITY OF WINSTON

By _____
Title _____
Print Name _____
Date _____

ATTEST

By _____
Title _____
Print Name _____
Date _____

**GREEN AREA WATER AND
SANITARY AUTHORITY BOARD**

By _____
Title _____
Print Name _____
Date _____

ATTEST

By _____
Title _____
Print Name _____
Date _____

DOUGLAS COUNTY

By _____
Chair
By _____
Commissioner
By _____
Commissioner

Date _____

REVIEWED AS TO CONTENT

By _____
Department Head
Date _____

Coding _____

REVIEWED AS TO FORM

By _____
Office of County Counsel
Date _____

GREEN AREA WATER & SANITARY AUTHORITY

RESOLUTION 2023-01-01

DECLARING AN EMERGENCY AND EXEMPTION FROM THE COMPETITIVE BIDDING REQUIREMENTS IN RESPONSE TO SANITARY SEWER LINE COLLAPSE

THE BOARD FINDS:

WHEREAS, Oregon Revised Statutes (ORS 279A.010(1)(f) and ORS 279B.080) and the Authority’s ordinance allow the Authority to enter into public contracts without competitive bidding if an emergency exists. An emergency is defined as: circumstances that (a) could not have reasonably been foreseen; (b) create a substantial risk of loss, damage, or interruption of services or a substantial threat to property, public health, welfare, or safety; and (c) require prompt execution of a contract to remedy the condition; and

WHEREAS, GAWSA experienced a sanitary sewer overflow on November 20, 2022 due to a collapsed sewer line, causing wastewater to backflow onto a customer’s property; and

WHEREAS, the GAWSA Collection System Supervisor reported the overflow to the Oregon Emergency Response System and the Oregon Department of Environmental Quality on November 21, 2022; and

WHEREAS, the collapsed sewer line remains unrepaired, with no simple repair option available. Use of standard public contracting procedures is not feasible, as it poses a significant potential public health risk as long as the line remains unrepaired.

THEREFORE, BE IT RESOLVED, the Board of Directors of the Green Area Water & Sanitary Authority, acting as the Authority’s Local Contract Review Board, declares an emergency, pursuant to ORS 279A.010 and ORS 279B.080 and authorizes the General Manager and its designees to waive the competitive bidding process and execute contracts with qualified contractors, engineers, and providers of goods and services, where applicable, to repair or replace affected infrastructure to eliminate the potential public health hazard.

ADOPTED by the Green Area Water & Sanitary Authority Board of Directors, acting as the Local Contract Review Board, this twelfth day of January 2023.

Dated: January 11, 2023

GREEN AREA WATER & SANITARY AUTHORITY

ATTEST:

Board Chair

Secretary

Green Area Water & Sanitary Authority
Customer Payment History - Summary

Sort Order : Payment Source
 From: 12/1/2022 Through: 12/31/2022

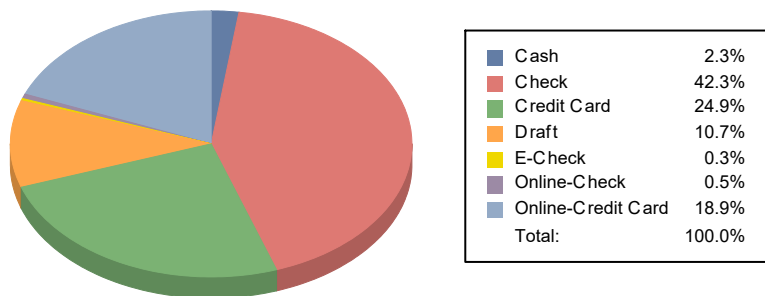
Payment Method	Quantity	Payment Amount
Cash	73	\$6,484.52
Check	1,322	\$132,911.70
Credit Card	779	\$60,253.07
Draft	334	\$34,370.43
E-Check	9	\$831.40
Online-Check	17	\$1,371.74
Online-Credit Card	590	\$49,059.43

Summary totals do not include reversed/transferred payments.

Service	Trans. Amount
Miscellaneous	\$(11,985.20)
Second Level Charge	\$(746.30)
Service Charge	\$(78,923.36)
Sewer	\$(121,179.55)
Water	\$(72,447.88)
Totals	\$(285,282.29)

Payment Method	Quantity	Payment Amount
Payment Source		
Amount		
Autopay		
Credit Card		\$(34,498.96)
Draft		\$(34,370.43)
		\$(68,869.39)
Customer Portal		
Online-Check		\$(1,371.74)
Online-Credit Card		\$(48,981.33)
		\$(50,353.07)
IVR		
Credit Card		\$(3,008.25)
E-Check		\$(40.00)
		\$(3,048.25)
Lockbox		
Check		\$(116,789.76)
		\$(116,789.76)
Manual		
Cash		\$(6,484.52)
Check		\$(16,121.94)
Credit Card		\$(22,745.86)
E-Check		\$(791.40)
Online-Credit Card		\$(78.10)
		\$(46,221.82)
Totals		\$(285,282.29)

Payment Breakdown



Green Area Water & Sanitary Authority Transaction List - Summary

Sort order: Customer No.

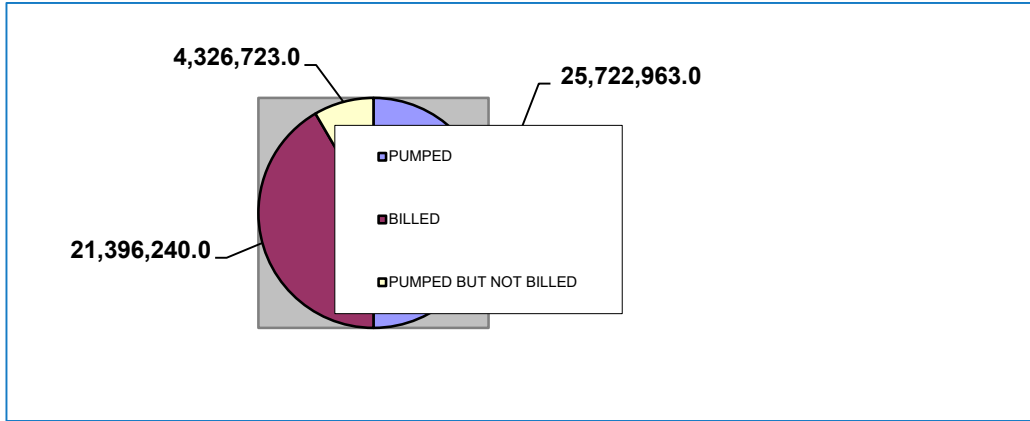
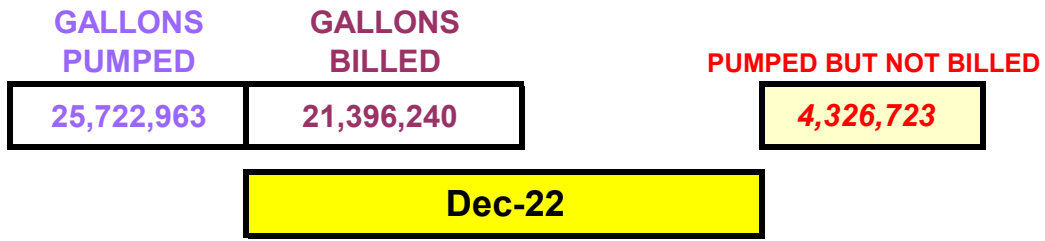
From: 12/1/2022 Through: 12/31/2022

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	(\$83.57)
	Service Charge Charge	(\$97.34)
	Sewer Charge	(\$95.31)
		(\$276.22)
Delinquency	Water Interest	\$40.00
	Water Penalty	\$2,700.00
	Miscellaneous Interest	\$20.00
	Miscellaneous Penalty	\$15.00
	Miscellaneous Shutoff	\$200.00
	Service Charge Interest	\$460.00
	Service Charge Penalty	\$80.00
	Sewer Interest	\$40.00
	Sewer Penalty	\$230.00
	\$3,785.00	
Misc Chrg.	Water (AF)	\$25.00
	Miscellaneous (AF)	\$550.00
	Miscellaneous (BF)	\$300.00
	Miscellaneous (CLF)	\$50.00
	Miscellaneous (DHF)	\$20.00
	Miscellaneous (MISC)	\$400.00
	Miscellaneous (RF)	\$50.00
	Miscellaneous (SOL)	\$50.00
	\$1,445.00	
Grand Total:		\$4,953.78



30 DAYS IN BILLING CYCLE: 11/11/22 TO 12/10/22

Repairs, leaks, etc. rendering unverifiable consumption

11/18/22	2055 DEL MAR	REPAIR SERVICE
11/18/22	226 TIPTON	REPAIR SERVICE
12/7/22	200 EMILS WAY	RE-TAP SERVICES

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	
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

January 12, 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.
 - New plans out for DEQ design review.

Collection System

- Hwy 42 Emergency Crossing/Potential IGA with City of Winston.
 - Winston Westside Sewer & Street Improvement Project contract has not been started.
 - 12" HDPE 3 week availability.
 - HDPE Manhole scheduled for manufacturing February 6, 2023.
 - ODOT Permit in the works.
- Manhole inspections project moving to 'C' Basin trunk line to observe rehabbed manholes.
- TV annual project completed, but now focusing on SSO area and mainlines.
 - 'C' Basin, flushing and CCTV will progress Landers to Plant trunk line.
 - Systech is working on an upgrade estimate for OS and hardware for the TV computer.
- One operator on call effective January 1.
- Flushing project on hold for the holidays, 'C' Basin.
- VAC-CON truck is being towed to Webfoot International in Medford for repair.
- Preparing list for post-TV excavation.
- Post-TV reports review and mapping update underway.
- Manhole rehab list started for I&I.
- Michaels repaired Avista damage to main at Little Brook, I&I fix.

G4 and Pump Stations

- GAWSA Pump Stations ran well, with typical operation and maintenance.
- Emergency response training with crew at G4 for PP&L related call outs completed.
- Generator at G4 is up for annual service and a new 3 year contract.

Wastewater Treatment Plant and Properties

- Nothing new to report.

Meetings and Conferences

- Matt and I attended the DCUCC meeting this month.

Lateral Inspections

- 4 Inspections.
 - Liberty Ln, ongoing.
 - 1969, 1973, 1977, and 1997 Castle.

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

Submitted by, Shannon L. Miller

Green Area Water & Sanitary Authority

Superintendents Report

January 2023

We have been in contact with the manufacturer of the portable water treatment trailer. Their plan is to have the trailer delivered before the end of February and all training done at the time of delivery. We will be inviting the operator from Winston- Dillard Water to come train with us, when we have the delivery date. We are also looking at putting out a press release of its arrival as well.

We had a salt delivery to the plant at the end of December.

We have multiple crew members that will be attending training over the next couple of months.

We have combined the on-call schedule between the water and sanitary departments. We will continue cross training to ensure all personnel have the knowledge and confidence to handle any emergency that may arise.

Both 2" Meters and service lines were replaced at Valley View Mobile Home Park (Near Kelly's Korner).

The crew performed some repair work on the generator at the highlands pump station, as well as replaced a couple of check valves after the pumps.

Camp Creek Electric will be doing some work around the plant, including some outside lighting, as well as wiring our new raw turbidity meter. They will also take a look at the Office for some updated lighting and minor work to the board room.

Shannon and David will update the board on the status of the Hwy 42 sewer crossing, as there have been some different thoughts on how to approach the project. It remains a high priority situation.

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

December 2

- Digester # 1 still coming online
 - Staff has been monitoring pH daily and has been slowly upping the feed rate to digester # 1
- Backwash Rate control Actuator arrived
 - Staff is working on getting it mounted
- The WAS control actuator has failed
 - This is a critical part of the plant's operation. Staff had originally thought we had backup parts for it but there ended up being differences in the control voltage.
 - Parts are no longer available for this actuator
 - We have been in contact with Auma, they are the actuator manufacturer that we have switched to, and it is looking like they will be able to rush order us an actuator and have it arrive in 2 – 3 weeks. Until then staff is wasting solids from the plant in a modified manual mode, using grips and a bungee cord.
- Generator # 2 block heater thermostat failed causing the heater to heat the coolant to 250 ish degrees. No harm came to the generator but now we have space heaters surrounding the engine to aid in a cold start. This should be a warranty item since it was just repaired in January. Staff is working with Cummins on scheduling a time for repairs
- Finished installing RAS pump # 3

December 9

- Digester # 1 appears to have enough bacteria growth that it is able to sustain itself without the addition of adding lime. Staff will monitor and increase the feed rate to the digester
- Backwash rate actuator installed
 - Auma will be onsite for a startup on 12-15-22
- The replacement WAS actuator should be arriving 12-14-22
 - Auma will be onsite for a startup on 12-15-22
- Generator # 2 block heater is still having issues. Cummins has ordered a replacement standalone system. As this generator ages stock parts are becoming increasingly difficult to find
- RBC system has built up enough growth to treat flow
- Prepped system for possible increase in flow due to rain

December 16

- Installed New Auma Actuator for WAS valve
- Auma technician onsite to perform startup on both Backwash and WAS actuators
- Rebuilt chlorine distribution manifold in chlorine building
- Bearing failure on one of the RBC's. Pictured below is staff applying heat to remove bearing
 - These RBC's weight approximately 40k lbs and ride on 2 bearings

WINSTON GREEN REGIONAL WASTEWATER TREATMENT PLANT
Weekly Reports

- Unfortunately, staff had to replace this bearing twice. The “new” bearings that we have on hand are new old stock from the 80’s and the grease in the first replacement had solidified.
- Freeze Protection Rounds



December 23

- Cleaned wet well
- Repaired 4 inch Dezurik Valve, this repaired valve will be a spare
- Dump Run
- Finished testing on Winston and Green individually
 - This testing will provide data to Carollo Engineering so that they can finish up their load and flow study
- Cleaned headworks screen drain line
- Process adjustment made to even out clarifier sludge flow
- Boiler # 1 wont switch from digester gas to natural gas automatically
 - A technician will be out after the first of the year to fix the issue, until then we will be using natural gas

December 29

- Tore apart dash on dump truck to remove rat that had died.....
- Prepped plant for wet weather flow
- Turned on Wet Weather Flow pump
- Fixed dichlorination leak
- County is experiencing high leachate flows from the weather and are hauling around the clock
- Pressure regulator on the digester gas line stuck. Staff disassembled and cleaned/ freed up the pressure disk
- Hauled rock

Winston- Green WWTF

December 2022

General

1.) Plant Influent Flow (MG)	<u>2022</u>		<u>2021</u>	
<i>Winston</i>	32.73	52%	36.70	52%
<i>Green</i>	35.58	48%	34.01	48%
<i>Rainfall</i>	6.21		6.78	
<i>Chlorine (Gallons)</i>	23,625		32,795	
<i>Leachate</i>	1,320,000		874,500	

Bio-Solids

1.) Storing Biosolids

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.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	300.00	292.26	6.815	599.07	32.85
GREEN + LANDERS		299.08			
APPORTIONMENT	50.08%	49.92%			
			100%		

Winston-Green WWTF

December 2022

SYSTEM CLASSIFICATION: IV PERMIT # 100554
 COUNTY: DOUGLAS

FILE # 98400

POPULATION: 10000

TYPE: RBC / ACTIVATED SLUDGE

D A T E	TOTAL FLOW MGD	INF PH	INF BOD mg/l	INF SS mg/l	NH3 N EFF	EFF PH	EFF TEMP MAX	EFF BOD mg/l	% REM BOD	LBS BOD DIS	EFF SS mg/l	% REM SS	LBS DIS SS	CL2 RES mg/l	CL2 USED GAL.	CL2 USED LBS	BIOSOLIDS		
																	ECOLI COL	LAND gallons	DRYING BEDS gallons
1	2.044	7.7				7.2	15.7							0.03	826	55.1			0.14
2	1.751	7.6	391	268		7.2	15.5	13.1	97%	191	8	97%	123	0.04	769	51.3			0.01
3	1.602	7.6				7.1	15.5							0.02	733	48.9			0.04
4	1.585	7.5				7.2	15.7							0.03	734	49.0	259.5		0.02
5	1.486	7.6	468	256	5.49	7.4	15.9	10.9	98%	135	6	98%	74	0.08	717	47.8	1.0		0.01
6	1.408	7.5				7.2	15.8							0.05	721	48.1			
7	1.463	7.6	385	311	4.70	7.5	15.6	7.1	98%	87	6	98%	68	0.07	691	46.1			
8	1.483	7.5				7.1	15.5							0.03	726	48.4			0.31
9	1.536	7.5	280	243		7.2	15.4	14.3	95%	183	5	98%	69	0.07	748	49.9			0.34
10	2.585	7.6				7.4	15.1							0.03	896	59.8			0.50
11	2.242	7.5				7.2	14.9							0.06	853	56.9			0.06
12	2.258	7.4	184	187	5.64	7.2	15.1	10.4	94%	196	7	96%	132	0.04	793	52.9	48.1		0.01
13	2.032	7.5				7.2	15.0							0.07	761	50.8	7.5		
14	2.222	7.4	215	213	6.31	7.2	14.9	8.7	96%	161	7	97%	137	0.09	609	40.6			
15	1.592	7.5				7.3	15.0							0.07	650	43.4			
16	1.458	7.3	262	274		7.1	14.7	16.7	94%	203	7	97%	90	0.07	642	42.8			
17	1.407	7.5				7.3	14.8							0.07	709	47.3			
18	1.374	7.4				7.3	14.8							0.04	710	47.4	145.5		0.01
19	1.806		226	226	4.17	7.0	14.8	8.5	96%	128	7	97%	99	0.05	710	47.4	2.0		
20	1.797	7.5				7.5	14.8							0.04	693	46.2			0.62
21	2.466	7.4	248	300	19.50	7.4	14.8	10.7	96%	220	8	97%	160	0.02	743	49.6			0.07
22	2.105	7.5				7.4	14.6							0.02	741	49.4			0.39
23	2.162	7.5	330	359		7.3	14.4	13.9	96%	251	7	98%	133	0.04	754	50.3			0.01
24	1.991	7.5				7.5	14.9							0.03	739	49.3			0.13
25	1.877	7.2				7.4	14.9							0.05	706	47.1	2.0		0.01
26	2.359	7.1				7.3	15.0							0.04	781	52.1	<1		0.63
27	4.088	7.2				7.0	14.5							0.04	898	59.9			1.01
28	2.989	7.2				7.0	13.7							0.04	874	58.3			0.28
29	3.841	7.3	161	132	3.91	7.0	13.9	10.2	94%	327	9	93%	301	0.08	899	60.0			0.80
30	4.791	7.1	210	168	8.51	6.9	13.3	8.6	96%	344	6	96%	240	0.05	899	60.0			0.75
31	4.502	7.4				7.2	13.5							0.03	900	60.0			0.06
TOT	68.302									2,425			1,628		23,625	1576.3			6.21
MAX	4.791	7.7	468	359	19.50	7.5	15.9	16.7	98%	344	9.4	98%	301	0.09	900	60.05	259.5		1.01
MIN	1.374	7.1	161	132	3.91	6.9	13.3	7.1	94%	87	5.4	93%	68	0.02	609	40.63	<1		0.01
AVG	2.203	7.4	280	245	7.28	7.2	14.9	11.1	96%	202	7.0	97%	136	0.05	762	50.85	9.2		0.27

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				
1/3	9:33 AM	212	7.80								
1/3	10:37 AM	212	7.76								
1/3	10:52 AM	212	7.75								
1/3	11:52 AM	212	7.79								
1/3	12:49 PM	212	7.78								
1/3	1:13 PM	212	7.76								
1/3	1:59 PM	212	7.76								
1/3	2:32 PM	212	7.73								
1/3	3:37 PM	212	7.76								

Total Gallons: 55,000 10 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

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>
Total Gallons:		0	0	Total Gallons:		0	0	Total Gallons:		0	0
<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
Total Gallons:		0	0	Total Gallons:		0	0	Total Gallons:		0	0
<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
Total Gallons:		0	0	Total Gallons:		0	0	Total Gallons:		0	0
<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
Total Gallons:		0	0	Total Gallons:		0	0	Total Gallons:		0	0
<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>	<u>Date</u>	<u>Pick up</u>	<u>mg/l</u>	<u>PH</u>
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 TICKETS: 65
TOTAL GALLONS/MONTH: 357,500
 \$7,150