

MINUTES OF THE GREEN AREA WATER & SANITARY AUTHORITY  
BOARD OF DIRECTORS MEETING  
August 10, 2023

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

BOARD DIRECTORS PRESENT:

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

BOARD DIRECTORS ABSENT:

Carolyn White

GAWSA STAFF PRESENT:

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

ALSO PRESENT:

Chris Sherlock, Winston-Green Wastewater Facility Superintendent

Director Brenda Kingry made a motion to approve the July regular Board meeting and accounts payable. Director Tom Fullbright seconded the motion. The motion passed unanimously.

David Campos presented the General Manager's report. David provided an update on the sanitary office remodel. David reviewed the proposed new office layout with the Board. David stated that he provided the office remodel design to Tom Rogers at Rogers Engineering. Our project is in the queue as Tom has several projects in process. David will provide updates as the project progresses.

David requested the Board approve Pay Application #2 to Cradar Enterprise in the amount of \$55,217.92 for the Hwy 42 pipe bursting/manhole replacement project. David added that there were still some discrepancies with the certified payroll reports, but they should be immaterial and will not require an adjustment to the contractor payment. Director Steve Lusch made a motion to approve Pay Application #2. Director Fullbright seconded the motion. The motion passed unanimously.

David informed the Board that a general "shared service" intergovernmental agreement (IGA) is in the works with GAWSA and Winston Dillard Water District. The IGA will be similar to the agreement recently established with Douglas County. A brief discussion followed.

Director Kingry raised a question regarding meter reading dates shown on the water bills. David stated that the water service period is the 11<sup>th</sup> of prior month to 10<sup>th</sup> of current month. The dates the meters are actually read varies because it takes several days to read all of the meters. We are also dealing with delayed starts of meter readings in recent months.

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Collections System Supervisor Shannon Miller presented the sanitary operations report. Shannon highlighted some of the maintenance work at the pump stations.

Director Fullbright asked what additional manholes would be necessary for the apartment housing project on Carnes Road. Shannon stated the developer will install one manhole close to the curb line with adequate setback from the pressure main. Everything from the manhole back will be a private sewer system. The project is delayed due to wetlands issues.

Operations Manager Alan Paulson delivered the water operations report. Alan reported the crew recently replaced the failed valve at Sunnyslope School.

Alan informed the Board that the blower at the water treatment plant has been repaired, and that a new soft starter was not needed.

Alan stated that GAWSA has been dealing with intermittent power issues at the plant, which is causing some issues. It was determined that the power issues originated from one of Pacific Power's switches nearby.

Alan added that 3 power supplies on the MIOX have gone down. The equipment is no longer under warranty but it is still fairly new so we are hoping for a favorable solution.

A brief discussion took place on ODOT's Hwy 42 project.

Chris Sherlock, Wastewater Treatment Facility Superintendent presented his report. Chris stated that plant staff has been busy with the digester #2 cleanup.

Chris explained an issue with a seal going out on the Bobcat hydraulic pump. Finding a matching seal has been difficult and the lag time for a replacement is 37 weeks.

Chris stated that the programmable logic controllers (PLC's) have been worked on, but they are very old, and support is minimal. The PLC's will need to be updated soon.

There being no further business for the good of the order, Director Kingry made a motion to adjourn the meeting. Chair Tracey Parker seconded the motion. The motion carried unanimously, and Chairperson Parker adjourned the meeting at 5:33pm.

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Board Member

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Tracey Parker, Board Chair

**Green Area Water & Sanitary Authority**  
**GAWSA Expense Detail**  
**August 2023**

Type	Date	Num	Name	Memo	Debit	Credit	Balance
<b>506-1 · Health Ins Benefits- WA</b>							
Check	08/22/2023	11126	SDIS	September health and supplemental ins prems	4,079.48		4,079.48
Total 506-1 · Health Ins Benefits- WA					4,079.48	0.00	4,079.48
<b>506-2 · Health Ins Benefits - SA</b>							
Check	08/22/2023	11126	SDIS	September health and supplemental ins prems	4,079.47		4,079.47
Total 506-2 · Health Ins Benefits - SA					4,079.47	0.00	4,079.47
<b>515-1 · Office Supplies - WA</b>							
Check	08/10/2023	11095	CANON SOLUTIONS AMERICA, INC.	Inv #6004940067 / Office copier maintenance 6/20 - 7/19	24.04		24.04
Check	08/16/2023	11115	STAPLES CONTRACT	Inv #8070995623 / Copy paper, manila folders	43.53		67.57
Check	08/16/2023	11115	STAPLES CONTRACT	Inv #8071241074 / Coffee, binder clips, lollipops for front desk	85.74		153.31
Total 515-1 · Office Supplies - WA					153.31	0.00	153.31
<b>515-2 · Office Supplies - SA</b>							
Check	08/10/2023	11095	CANON SOLUTIONS AMERICA, INC.	Inv #6004940067 / Office copier maintenance 6/20 - 7/19	24.04		24.04
Check	08/16/2023	11115	STAPLES CONTRACT	Inv #8070995623 / Copy paper, manila folders	43.54		67.58
Check	08/16/2023	11115	STAPLES CONTRACT	Inv #8071241074 / Coffee, binder clips, lollipops for front desk	85.74		153.32
Total 515-2 · Office Supplies - SA					153.32	0.00	153.32
<b>516-1 · Communication &amp; IT</b>							
Check	08/02/2023	ACH	INTUIT QUICKBOOKS	Intuit QB Enterprise Cloud - monthly subscription	95.71		95.71
Check	08/10/2023	11100	DOUGLAS FAST NET	Water office phone/fax/internet	109.53		205.24
Check	08/16/2023	11116	SYSTECH CONSULTING, LLC	Inv #9255 / Managed service plan - July	577.00		782.24
Check	08/30/2023	11132	STREAMLINE	Inv #48B9D624-0016 / Streamline website fee 1 year	1,494.00		2,276.24
Paycheck	08/31/2023	DD1694	Campos, David M	Direct Deposit	50.00		2,326.24
Total 516-1 · Communication & IT					2,326.24	0.00	2,326.24
<b>516-2 · Communication &amp; IT - S</b>							
Check	08/02/2023	ACH	INTUIT QUICKBOOKS	Intuit QB Enterprise Cloud - monthly subscription	95.70		95.70
Check	08/10/2023	11100	DOUGLAS FAST NET	Sewer office phone/fax/internet	317.60		413.30
Check	08/16/2023	11116	SYSTECH CONSULTING, LLC	Inv #9255 / Managed service plan - July	577.00		990.30
Check	08/30/2023	11132	STREAMLINE	Inv #48B9D624-0016 / Streamline website fee 1 year	1,494.00		2,484.30
Total 516-2 · Communication & IT - S					2,484.30	0.00	2,484.30
<b>517-1 · Utilities- WA</b>							
Check	08/10/2023	11093	AVISTA UTILITIES	Water office gas utilities 6/21 - 7/21	17.00		17.00
Total 517-1 · Utilities- WA					17.00	0.00	17.00
<b>517-2 · Utilities- SA</b>							
Check	08/10/2023	11093	AVISTA UTILITIES	Sewer office gas utilities 6/21 - 7/21	17.00		17.00
Total 517-2 · Utilities- SA					17.00	0.00	17.00
<b>518-1 · R &amp; M Office - WA</b>							
Check	08/10/2023	11107	OREGON LINEN	Inv #976422 / Rug service water office	69.90		69.90
Total 518-1 · R & M Office - WA					69.90	0.00	69.90
<b>518-2 · R &amp; M Office - SA</b>							
Check	08/22/2023	11127	STAPEL PEST SOLUTIONS	Inv #311427 / June pest control - sewer office	45.00		45.00
Check	08/22/2023	11127	STAPEL PEST SOLUTIONS	Inv #311496 / July pest control - sewer office	45.00		90.00
Check	08/22/2023	11128	STAPEL PEST SOLUTIONS	Inv #32867 / August pest control - sewer office	45.00		135.00
Total 518-2 · R & M Office - SA					135.00	0.00	135.00
<b>525-1 · Misc. Expense - WA</b>							
Check	08/10/2023	11110	CITY OF WINSTON	Comm Center room rental 12/16 Christmas Party	137.50		137.50
Check	08/28/2023	11130	STAPLES	Acct 6035517851496199 / Account fees - account closed	81.26		218.76
Total 525-1 · Misc. Expense - WA					218.76	0.00	218.76

**Green Area Water & Sanitary Authority**  
**GAWSA Expense Detail**  
**August 2023**

Type	Date	Num	Name	Memo	Debit	Credit	Balance
<b>525-2 · Misc Expense - SA</b>							
Check	08/10/2023	11110	CITY OF WINSTON	Comm Center room rental 12/16 Christmas Party	137.50		137.50
Check	08/28/2023	11129	WELLS FARGO BANK	Acct 4856200350047067 / Green Sanitary District account fees	414.56		552.06
Total 525-2 · Misc Expense - SA					552.06	0.00	552.06
<b>531-1 · Statement Printing/Mailing - WA</b>							
Check	08/15/2023	ACH	BMS TECHNOLOGIES	Inv #87254 / August billing statements printing and mailing	1,066.25		1,066.25
Total 531-1 · Statement Printing/Mailing - WA					1,066.25	0.00	1,066.25
<b>531-2 · Statement Printing/Mailing - SA</b>							
Check	08/15/2023	ACH	BMS TECHNOLOGIES	Inv #87254 / August billing statements printing and mailing	1,066.25		1,066.25
Total 531-2 · Statement Printing/Mailing - SA					1,066.25	0.00	1,066.25
<b>532-1 · IVR System Costs - WA</b>							
Check	08/10/2023	11102	IVR TECHNOLOGY GROUP	Inv #IV17728 / July IVR maintenance and tx fees	61.40		61.40
Total 532-1 · IVR System Costs - WA					61.40	0.00	61.40
<b>532-2 · IVR System Costs - SA</b>							
Check	08/10/2023	11102	IVR TECHNOLOGY GROUP	Inv #IV17728 / July IVR maintenance and tx fees	61.39		61.39
Total 532-2 · IVR System Costs - SA					61.39	0.00	61.39
<b>533-1 · Merchant Service Fees - WA</b>							
Check	08/10/2023	11098	CONTINENTAL UTILITY SOLUTIONS, L...	Inv #R16406 / July merchant service fees	982.42		982.42
Check	08/10/2023	11098	CONTINENTAL UTILITY SOLUTIONS, L...	Inv #R16146 / July ECheck and ACH transaction fees	5.80		988.22
Total 533-1 · Merchant Service Fees - WA					988.22	0.00	988.22
<b>533-2 · Merchant Service Fees - SA</b>							
Check	08/10/2023	11098	CONTINENTAL UTILITY SOLUTIONS, L...	Inv #R16406 / July merchant service fees	982.42		982.42
Check	08/10/2023	11098	CONTINENTAL UTILITY SOLUTIONS, L...	Inv #R16146 / July ECheck and ACH transaction fees	5.80		988.22
Total 533-2 · Merchant Service Fees - SA					988.22	0.00	988.22
<b>535-1 · Contract Services - Meter Reads</b>							
Check	08/10/2023	11104	METEREADERS, LLC	Inv #10852 / June meter readings	2,372.25		2,372.25
Total 535-1 · Contract Services - Meter Reads					2,372.25	0.00	2,372.25
<b>551-1 · Building Improvements - WA</b>							
Check	08/10/2023	11105	MICHAEL ROKUS BUILDING & PLUMB...	Inv #1597 / Office kitchen plumbing - water heater, sink, dishwasher	773.00		773.00
Total 551-1 · Building Improvements - WA					773.00	0.00	773.00
<b>551-2 · Building Improvements - SA</b>							
Check	08/10/2023	11105	MICHAEL ROKUS BUILDING & PLUMB...	Inv #1597 / Office kitchen plumbing - water heater, sink, dishwasher	773.00		773.00
Total 551-2 · Building Improvements - SA					773.00	0.00	773.00
<b>606-1 · Health Ins. Benefits - WO</b>							
Check	08/22/2023	11126	SDIS	September health and supplemental ins prems	12,279.65		12,279.65
Total 606-1 · Health Ins. Benefits - WO					12,279.65	0.00	12,279.65
<b>606-2 · Health Ins. Benefits - SO</b>							
Check	08/22/2023	11126	SDIS	September health and supplemental ins prems	6,092.04		6,092.04
Total 606-2 · Health Ins. Benefits - SO					6,092.04	0.00	6,092.04

**Green Area Water & Sanitary Authority**  
**GAWSA Expense Detail**  
**August 2023**

Type	Date	Num	Name	Memo	Debit	Credit	Balance
<b>610-1 · Vehicle/Equipment O &amp; M - WO</b>							
Check	08/10/2023	11092	NAPA AUTO PARTS	Inv #966-898574 / PO 18219 / oil, filters for service trucks; brakes for Silver Dodge	105.35		105.35
Check	08/10/2023	11092	NAPA AUTO PARTS	Inv #966-898654 / PO 18222 / oil filter return credit		98.85	98.85
Check	08/10/2023	11092	NAPA AUTO PARTS	Inv #966-898850 / PO 18225 / 2yr wty battery for backhoe	189.99		288.84
Check	08/10/2023	11094	BASSETT-HYLAND ENERGY	Inv #CL17629 / service trucks, equipment fuel 7/1 - 7/15	221.99		510.83
Check	08/10/2023	11094	BASSETT-HYLAND ENERGY	Inv #CL18029 / service trucks, equipment fuel 7/16 - 7/31	448.80		959.63
Total 610-1 · Vehicle/Equipment O & M - WO					966.13	6.50	959.63
<b>610-2 · Vehicle/Equipment O &amp; M - SO</b>							
Check	08/10/2023	11094	BASSETT-HYLAND ENERGY	Inv #CL17629 / service trucks, equipment fuel 7/1 - 7/15	342.53		342.53
Check	08/10/2023	11094	BASSETT-HYLAND ENERGY	Inv #CL18029 / service trucks, equipment fuel 7/16 - 7/31	254.09		596.62
Total 610-2 · Vehicle/Equipment O & M - SO					596.62	0.00	596.62
<b>611-1 · Dues/Fees/Subscriptions- WO</b>							
Check	08/10/2023	11106	ONE CALL CONCEPTS, INC.	Inv #3070704 / July locate tickets	39.20		39.20
Check	08/16/2023	11113	DEPT. of CONSUMER & BUSINESS S...	Pressure vessel permit #67359 11/1/23 - 10/31/25	44.80		84.00
Check	08/16/2023	11113	DEPT. of CONSUMER & BUSINESS S...	Pressure vessel permit #67360 11/1/23 - 10/31/25	44.80		128.80
Check	08/16/2023	11113	DEPT. of CONSUMER & BUSINESS S...	Pressure vessel permit #107972 11/1/23 - 10/31/25	44.80		173.60
Total 611-1 · Dues/Fees/Subscriptions- WO					173.60	0.00	173.60
<b>611-2 · Dues/Fees/Subscriptions- SO</b>							
Check	08/10/2023	11106	ONE CALL CONCEPTS, INC.	Inv #3070704 / July locate tickets	39.20		39.20
Total 611-2 · Dues/Fees/Subscriptions- SO					39.20	0.00	39.20
<b>612-1 · Communication &amp; IT - Ops</b>							
Check	08/10/2023	11100	DOUGLAS FAST NET	Carnes shop internet	84.39		84.39
Check	08/10/2023	11100	DOUGLAS FAST NET	WTP phone/fax/internet/alarm line	127.45		211.84
Check	08/10/2023	11109	VERIZON WIRELESS	Inv #9940038164 / tablet line	46.06		257.90
Paycheck	08/31/2023	DD1695	Carlson, Trev W	Direct Deposit	50.00		307.90
Paycheck	08/31/2023	DD1698	Hope, Will T	Direct Deposit	50.00		357.90
Paycheck	08/31/2023	DD1699	Manson, Joshua T.	Direct Deposit	50.00		407.90
Paycheck	08/31/2023	DD1701	Paulson, Alan D.	Direct Deposit	50.00		457.90
Paycheck	08/31/2023	DD1702	Radford, Daniel L.	Direct Deposit	50.00		507.90
Paycheck	08/31/2023	DD1705	Wolford, Jeremy J.	Direct Deposit	50.00		557.90
Total 612-1 · Communication & IT - Ops					557.90	0.00	557.90
<b>612-2 · Communication &amp; IT - SO</b>							
Paycheck	08/31/2023	DD1696	Chasteen, Matthew S.	Direct Deposit	50.00		50.00
Paycheck	08/31/2023	DD1700	Miller, Shannon L.	Direct Deposit	50.00		100.00
Total 612-2 · Communication & IT - SO					100.00	0.00	100.00
<b>620-1 · R &amp; M Water Distribution</b>							
Check	08/10/2023	11101	FASTENAL	Inv #ORROS230941 / PO 18239 / materials for Sunnyslope line repair	20.67		20.67
Check	08/10/2023	11103	CORIX WATER PRODUCTS, INC.	Inv #U2316030140 / PO 18231 / Materials for Sunnyslope 8" repair	1,140.15		1,160.82
Total 620-1 · R & M Water Distribution					1,160.82	0.00	1,160.82
<b>621-1 · R &amp; M - Dist Shop</b>							
Check	08/16/2023	11118	WINSTON SANITARY SERVICE	Inv #295685 / 200 Gal weekly dumpster - Carnes	94.25		94.25
Total 621-1 · R & M - Dist Shop					94.25	0.00	94.25
<b>622-1 · Tools &amp; Supplies - Distribution</b>							
Check	08/10/2023	11092	NAPA AUTO PARTS	Inv #966-898850 / PO 18225 / WD40	14.98		14.98
Check	08/10/2023	11108	OREGON TOOL & SUPPLY	Inv #848611 / PO 18197 / Wire stripping tool	19.95		34.93
Check	08/10/2023	11108	OREGON TOOL & SUPPLY	Inv #850004 / PO 18223 / Pressure wand, tape	67.85		102.78
Total 622-1 · Tools & Supplies - Distribution					102.78	0.00	102.78

**Green Area Water & Sanitary Authority**  
**GAWSA Expense Detail**  
**August 2023**

Type	Date	Num	Name	Memo	Debit	Credit	Balance
<b>624-1 · Utilities - Water Dist WO</b>							
Check	08/10/2023	11093	AVISTA UTILITIES	Highland Vista PS natural gas 6/21 - 7/21	20.26		20.26
Check	08/10/2023	11093	AVISTA UTILITIES	Carnes shop natural gas 6/21 - 7/21	45.45		65.71
Total 624-1 · Utilities - Water Dist WO					65.71	0.00	65.71
<b>626-1 · Water Samples - WO</b>							
Check	08/16/2023	11117	UMPQUA RESEARCH	Inv #M071222 / 8 coliforms tests	192.00		192.00
Check	08/16/2023	11117	UMPQUA RESEARCH	Inv #M071237 / 2 TOC, 1 Alkalinity test	147.50		339.50
Check	08/16/2023	11117	UMPQUA RESEARCH	Inv #M071308 / 2 Disinfection BP - TTHM/HAA5 tests	594.00		933.50
Total 626-1 · Water Samples - WO					933.50	0.00	933.50
<b>628-1 · Inventory Adjustment W</b>							
Check	08/10/2023	11103	CORIX WATER PRODUCTS, INC.	Inv #U2316026980 / PO 18218 / 50 3/4" zenner meters	3,456.00		3,456.00
Check	08/10/2023	11103	CORIX WATER PRODUCTS, INC.	Inv #U2316027719 / PO 18221 / 300' CTS pipe	237.00		3,693.00
Check	08/10/2023	11103	CORIX WATER PRODUCTS, INC.	Inv #U2316028263 / PO 18224 / Repair clamps, parts for inventory	596.81		4,289.81
Check	08/28/2023	11131	LONG'S BUILDING SUPPLY	Inv #373082 / PO 18227 / PVC fitting	11.27		4,301.08
Total 628-1 · Inventory Adjustment W					4,301.08	0.00	4,301.08
<b>641-2 · R &amp; M Lines &amp; Manholes - SO</b>							
Check	08/16/2023	11112	GELCO SUPPLY INC.	Inv #79062 / PO 18228 / RootX for laterals	1,566.00		1,566.00
Total 641-2 · R & M Lines & Manholes - SO					1,566.00	0.00	1,566.00
<b>647-2 · G4 Pumpstation - SO</b>							
Check	08/10/2023	11100	DOUGLAS FAST NET	G4 pumpstation alarm line	13.92		13.92
Total 647-2 · G4 Pumpstation - SO					13.92	0.00	13.92
<b>654-8 · Collection System Improvements</b>							
Check	08/16/2023	11111	CRADAR ENTERPRISES, INC.	Inv #03305 / PO 18242 / Pay application #2 - Hwy 42 crossing	55,217.92		55,217.92
Total 654-8 · Collection System Improvements					55,217.92	0.00	55,217.92
<b>700-1 · WTP R &amp; M</b>							
Check	08/10/2023	11091	ATLAS COPCO COMPRESSORS, LLC	Inv #1123075690 / PO 18240 / Valve regulator for Compressor #2	628.60		628.60
Check	08/10/2023	11096	CAMTRONICS INC.	Inv #4048 / PO 18234 / Rockwell software subscription renewal	235.46		864.06
Check	08/10/2023	11096	CAMTRONICS INC.	Inv #4045 / PO 18232 / Calibrate raw turbidity meter	852.00		1,716.06
Total 700-1 · WTP R & M					1,716.06	0.00	1,716.06
<b>701-1 · WTP Tools &amp; Supplies</b>							
Check	08/10/2023	11095	CANON SOLUTIONS AMERICA, INC.	Inv #6004940067 / WTP copier maintenance 6/20 - 7/19	5.93		5.93
Total 701-1 · WTP Tools & Supplies					5.93	0.00	5.93
<b>706-1 · WTP MIOX System</b>							
Check	08/10/2023	11099	DOUGLAS CO. FARMERS CO-OP	Inv #57517 / PO 18226 / Poly tube for MIOX	4.95		4.95
Check	08/16/2023	11114	PLATT SUPPLY	Inv #4E41111 / PO 18215 / LFU 235.500P Fuse for Miox	9.72		14.67
Total 706-1 · WTP MIOX System					14.67	0.00	14.67
<b>711-5 · WTP Plant Improvements</b>							
Check	08/10/2023	11096	CAMTRONICS INC.	Inv #4046 / PO 18233 / Shark meter project	5,115.00		5,115.00
Total 711-5 · WTP Plant Improvements					5,115.00	0.00	5,115.00
<b>712-2 · O&amp;M Regional WWTP</b>							
Check	08/10/2023	11097	CITY OF WINSTON	June 2023 WWTP Personal services	29,904.98		29,904.98
Total 712-2 · O&M Regional WWTP					29,904.98	0.00	29,904.98
<b>TOTAL</b>					<b>143,453.58</b>	<b>6.50</b>	<b>143,447.08</b>

**GREEN AREA WATER & SANITARY AUTHORITY**  
**Plant Expense Detail**  
**August 2023**

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
Income				
<b>Expense</b>				
<b>650-2 · O &amp; M Regional WWTP</b>				
<b>71-0110 · Office Supplies</b>				
08/10/2023	14748	Sierra Springs	Inv: 21794497 072223 / Cooler rental, water	61.40
08/10/2023	14749	Staples Credit Plan	Office supplies	168.06
08/31/2023	14763	Sierra Springs	Inv: 21794497 081923 / Cooler rental, bottled wat...	61.40
Total 71-0110 · Office Supplies				290.86
<b>71-0120 · Tools &amp; Spare Parts</b>				
08/10/2023	14735	Amazon Capital Services	Inv: 1GW9-D9YV-HK6J / Couplings w/dust caps	38.95
08/10/2023	14735	Amazon Capital Services	Inv: 1YDJ-WVWX-V7YV / Couplings w/dust caps	116.85
08/10/2023	14735	Amazon Capital Services	Inv: 1JJN-JX3K-M743 / Tubing kit	13.45
08/10/2023	14735	Amazon Capital Services	Inv: 1XFJ-WQ3Y-634Y / Coupler set w/dust caps	33.95
08/10/2023	14735	Amazon Capital Services	Inv: 1X1G-CX7P-G6TT / Coupler set w/dust caps	169.75
08/10/2023	14742	Flury Supply Co	Inv: 4085 / Hose and supplies	1,336.52
08/10/2023	14743	Grainger	Inv: 9775055156 / Manual air control	275.23
08/10/2023	14745	NAPA Auto Parts	Inv: 899344 / Air filer	63.34
08/10/2023	14745	NAPA Auto Parts	Inv: 900004 / Adapters, couplers, fittings	1,787.02
08/10/2023	14745	NAPA Auto Parts	Inv: 900013 / Fittings	(8.75)
08/10/2023	14745	NAPA Auto Parts	Inv: 900037 / Adapters, couplers	(610.65)
08/31/2023	14756	Grainger	Inv: 9792052640 / Couplings, adapters, clamp, ni...	183.35
08/31/2023	14757	Granich Engineered Products, L...	Inv: BI-0365049 / Pump parts	1,712.08
Total 71-0120 · Tools & Spare Parts				5,111.09
<b>71-0130 · Equipment Maintenance/Repair</b>				
08/10/2023	14750	Whitney Equipment Co., Inc.	Order: S-ORD102091 / Electrolytic cell	4,819.70
Total 71-0130 · Equipment Maintenance/Repair				4,819.70
<b>71-0140 · Equipment Operation &amp; Material</b>				
08/10/2023	14741	Diamond Power Equipment	Inv: 337297 / Trimmer line, oil	37.50
08/10/2023	14744	Les Schwab Tires	Inv: 76600148328 / Tires	2,676.07
08/10/2023	14747	Shirtcliff Oil Company	Inv: 1382039 / Fuel	82.10
08/10/2023	14747	Shirtcliff Oil Company	Inv: 3645294 / Finance charge	4.47
08/31/2023	14751	Amazon Capital Services	Inv: 1FVG-LFHR-N9J6 / Filter, tape, shop towels	280.04
08/31/2023	14764	The Automation Group, Inc.	Inv: W13227 / Programming	9,540.00
Total 71-0140 · Equipment Operation & Material				12,620.18
<b>71-0160 · Phone</b>				
08/10/2023	14737	CenturyLink	Security gate phone line: 7/11-8/11	44.79
08/31/2023	14752	CenturyLink	Security gate phone line: 8/11-9/11	44.92
08/31/2023	14754	Douglas Fast Net	Phone/internet service: 8/1-8/31	151.99
Total 71-0160 · Phone				241.70
<b>71-0190 · Building Maintenance</b>				

**GREEN AREA WATER & SANITARY AUTHORITY**  
**Plant Expense Detail**  
**August 2023**

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
08/10/2023	14739	DC Farmers Co-op	Inv: 57414 / Nexgen, trim line, muriatic acid	44.96
08/10/2023	14739	DC Farmers Co-op	Inv: 57270 / Rake	34.99
08/10/2023	14746	Platt Electric Supply	Inv: 4G09352 / Lighting	245.86
08/31/2023	14751	Amazon Capital Services	Inv: 14JH-GJK3-JQJR / American flag	34.99
08/31/2023	14753	Coopers Pest Control	Inv: 27227 / Pest control-August	115.00
08/31/2023	14755	Douglas County Solid Waste	Inv: 692327 / Grit and screenings	97.76
08/31/2023	14760	Popeye's Pump & Backflow Se...	Inv: 18162 / Annual backflow test	180.00
08/31/2023	14761	Securitas Technology Co	Inv: 6003523527 / Monthly security svc-September	204.95
08/31/2023	14762	Sherwin-Williams Company	Inv: 0489-9 / Primer	618.96
Total 71-0190 · Building Maintenance				1,577.47
<b>71-0200 · Electricity</b>				
08/31/2023	14759	Pacific Power	Utilities: 7/3-8/3	9,201.72
Total 71-0200 · Electricity				9,201.72
<b>71-0205 · Natural Gas</b>				
08/10/2023	14736	Avista Utilities	Acct: 4466850000 / Natural gas svc: 6/21-7/21	349.46
Total 71-0205 · Natural Gas				349.46
<b>71-0210 · Water &amp; Other Utilities</b>				
08/31/2023	14758	GAWSA	Water service: 7/10-8/10	440.50
Total 71-0210 · Water & Other Utilities				440.50
<b>71-0240 · Lab</b>				
08/31/2023	14765	USABlueBook	Inv: 99220 / Lab materials	20.15
08/31/2023	14765	USABlueBook	Inv: 97031 / Lab materials	207.67
Total 71-0240 · Lab				227.82
<b>71-0250 · Personal Protective Equipment</b>				
08/10/2023	14738	CINTAS CORP	Inv: 4160670577 / Uniforms	102.26
08/10/2023	14738	CINTAS CORP	Inv: 4161415350 / Uniforms	143.57
08/10/2023	14738	CINTAS CORP	Inv: 4162117494 / Uniforms	102.26
08/10/2023	14738	CINTAS CORP	Inv: 4162819952 / Uniforms	111.05
Total 71-0250 · Personal Protective Equipment				459.14
<b>71-0320 · Permit Fees</b>				
08/10/2023	14740	Dept of Consumer & Business ...	Acct: 730003018826 / Permit: fire tube	246.40
Total 71-0320 · Permit Fees				246.40
Total 650-2 · O & M Regional WWTP				35,586.04
Total Expense				35,586.04
<b>Net Income</b>				<b>(35,586.04)</b>



**GREEN AREA WATER & SANITARY AUTHORITY**  
**GENERAL MANAGER'S REPORT**  
**September 14, 2023**

**Office Remodel**

I reached out to Rogers Engineering, and he has not yet started on our remodel project. I will continue to check in with him. In the meantime, we have met with Betti Manfre on occasion to discuss flooring, desks, etc.

**Intergovernmental Agreement – Winston Dillard Water District**

I presented a draft “shared services” IGA to the Winston Dillard Water District manager. The IGA was drafted by Eileen Eakins, using the Douglas County shared services IGA we recently adopted as a model. The IGA will be presented to WDWD Board for approval next week. I have included a copy of the draft and am requesting Board approval of the IGA.

**Service Trucks Purchase**

Per the Board’s phone/email approval, we have two 2023 Ford F-150 trucks on order through the National Auto Fleet Group. The originally approved invoice of \$85430.40 was increased by \$2,363.40 as we had to opt for 2.7L V6 Ecoboost engines as the 3.5L V6 are in short supply. We are still under budgeted expectations with the increase. Chair Tracey Parker signed off on the amended invoice.

**Water Service at WWTF**

A couple ideas for water use at the wastewater plant were brought to me, and I wanted to discuss these with the Board. I will provide details at the meeting.

## INTERGOVERNMENTAL AGREEMENT

### Public Resource Sharing

This intergovernmental agreement (“Agreement”) is entered into this \_\_\_\_ day of \_\_\_\_\_, 2023, by and between the Green Area Water & Sanitary Authority, a joint water and sanitary authority formed under Oregon Revised Statutes (ORS) chapter 450 (“Authority”) and Winston-Dillard Water District, a domestic water supply district formed under ORS chapter 264 (“District”), both herein referred to individually or collectively as “Party” or “Parties.”

### RECITALS

**WHEREAS**, ORS 190.010 provides that units of local government may enter into agreements for the performance of any and all functions and activities that any party to the agreement, its officers or agents have the authority to perform; and

**WHEREAS**, the Parties agree that sharing public resources promotes their cost-effective and efficient use; and

**WHEREAS**, the Parties desire to enter into an agreement to establish procedures for sharing equipment, materials, services, and land for waterworks operations, and to apportion their respective responsibilities therefor;

NOW THEREFORE, THE PARTIES HEREBY AGREE AS FOLLOWS:

### AGREEMENT

**1. SHARING OF RESOURCES.** The Authority and District shall make available to each other vehicles, equipment, machinery, materials, land, and/or services (“Resources”) in the manner and on the terms and conditions provided herein. The Party supplying the Resource shall be designated as the “PROVIDER” herein. The Party receiving the Resource shall be designated as the “USER” herein.

A. Resources shall be provided upon reasonable request at mutually convenient times and locations. The PROVIDER retains the right to refuse to honor a request if the requested Resource is needed for other purposes; if providing the Resource would be unduly inconvenient; or if for any other reason the PROVIDER determines in good faith that it is not in its best interest to provide a particular Resource at the requested time. Any Resource made available to the USER shall be returned immediately at the PROVIDER’S request.

B. The USER shall take proper precautions in the operation, storage and maintenance of any equipment received from the PROVIDER. Equipment shall be used only for its intended purpose. The USER shall permit the equipment to be used only by properly trained,

1- INTERGOVERNMENTAL AGREEMENT – RESOURCE SHARING

properly licensed, and supervised operators. The USER shall be responsible for equipment repairs necessitated by misuse or negligent operation and for the maintenance and/or replacement of high wear items (i.e., milling machine teeth, etc.); any such repairs and/or replacement will not be performed without prior consultation with the PROVIDER'S fleet maintenance staff. The USER shall not be responsible for scheduled preventive maintenance (P.M.) unless equipment hours used exceeds the P.M. schedule interval period and has been agreed by the PROVIDER. The USER shall perform and document required written maintenance checks prior to and after use and shall provide routine daily maintenance of equipment (i.e., fluid checks, lubricating, etc.) during the period in which the equipment is in USER'S possession.

- C. The PROVIDER shall endeavor to provide equipment in good working order and to inform USER of any information reasonably necessary for the proper operation of the equipment. The equipment is provided "as is", with no representation or warranties as to its condition or its fitness for a particular purpose. USER shall be solely responsible for selecting the proper equipment for its needs and inspecting equipment prior to use. It is acknowledged by the Parties that the PROVIDER is not in the business of selling, leasing, or renting equipment to others and that the Parties are acting only for their mutual convenience and efficiency.
- D. Upon request and when mutually convenient, the Parties shall provide storage for equipment or materials to each other at no charge. The Parties acknowledge that such storage is for the benefit of the Party requesting it. The Party storing the equipment or materials shall exercise reasonable care to provide a safe and secure storage area but shall not be responsible nor liable to the other Party for theft or damage to items stored on behalf of the other Party.
- E. The PROVIDER may require, in its sole discretion, that only PROVIDER'S personnel operate equipment. In so doing, PROVIDER shall be deemed an independent contractor and PROVIDER'S employees shall not be deemed employees of USER. The PROVIDER'S operator shall perform under the general direction and control of the USER but shall retain full control over the manner and means of using the equipment.

**2. REQUESTS FOR SERVICE.** Requests for services must be approved in writing by both the Green Area Water & Sanitary Authority General Manager or Designee and the Winston-Dillard Water District Manager or Designee.

- A. Each party hereby grants to the other Party the authority to access the other Party's right of way or property for the purpose of performing services requested pursuant to this Agreement.
- B. Compensation for services shall be based upon services actually provided by the PROVIDER. At the request of the USER the PROVIDER shall supply an estimate for specific services. The PROVIDER shall maintain an accurate cost accounting system, track

## 2- INTERGOVERNMENTAL AGREEMENT – RESOURCE SHARING

expenditures and provide monthly billing to USER. The USER will pay the PROVIDER's invoices in full within thirty (30) days of billing.

**The total cost for any single request for service shall not exceed \$150,000. The total cost for either Party shall not exceed \$500,000 over the initial term of this agreement.**

**3. USE OF LAND.** Either Party may grant to the other Party use of the land owned by the PROVIDER to dump and store extra backfill, soil, and other ground material from earthwork, trenching, tunneling, etc., subject to terms and conditions required by the Provider. Any dumped or stored material must be free of hazardous substances.

**4. TERM.** The initial term of this Agreement shall commence upon signing by both Parties ("Effective Date") and shall terminate five (5) years from the Effective Date. This Agreement may be modified or extended for a maximum of two additional five-year terms by written amendment signed by both Parties.

**5. TERMINATION.** Either Party may terminate this Agreement for convenience after delivering at least thirty (30) days' prior written notice to the person designated in Section 14 of this Agreement.

**6. RELATIONSHIP OF THE PARTIES.** The Parties to this Agreement are of equal authority. Each Party acts in an independent capacity in the performance of its obligations and functions under this Agreement and neither Party shall be considered an agent of the other. For purposes of this Agreement the Parties are independent contractors. Nothing herein shall alter the employment status of any workers providing services under this Agreement. Such workers shall at all times continue to be subject to all standards of performance, disciplinary rules and other terms and conditions of their employer. No USER shall be responsible for the direct payment of any salaries, wages, compensation or benefits for PROVIDER'S workers performing services to USERS under this Agreement.

**7. RESPONSIBILITY FOR OWN ACTS.** The USER shall bear sole responsibility for ensuring that it has the authority to request the work; for its own designs; and for any representations made to the PROVIDER regarding site conditions or other aspects of the project where the equipment or supplies will be used or the services performed. Each Party shall be solely responsible for its own acts and those of its employees and officers under this Agreement. No Party shall be responsible or liable for consequential damages to another Party arising out of providing or using equipment or services under this Agreement. Each PROVIDER shall adequately insure the equipment or provide self-insurance coverage.

**8. NON-EXCLUSIVE AGREEMENT.** Nothing herein shall be deemed to restrict the authority of either Party to enter into agreements with other parties to provide equipment or services on terms different than as specified herein.

### 3- INTERGOVERNMENTAL AGREEMENT – RESOURCE SHARING

**9. INDEMNIFICATION.** Each party shall, to the extent permitted by the Oregon Constitution and the Oregon Tort Claims Act, indemnify, defend, save, and hold harmless each other, their officers and employees from any and all claims, suits, and liabilities which may occur in their respective performance of this Agreement.

**10. DISPUTE RESOLUTION.** If a dispute arises between the Parties in the performance of this Agreement that cannot be resolved through good-faith negotiations, the parties agree to engage in mediation to attempt to resolve the matter. If the matter cannot be resolved through mediation, either Party may request that the matter be submitted to binding arbitration by providing written notice to the other. The arbitration shall be conducted in accordance with ORS 36.400 through 36.425, or the provisions of any such future law. The arbitrator(s) shall assess all or part of the costs of arbitration, including attorney fees, to either or both Parties.

**11. SUBCONTRACTING.** PROVIDER shall not subcontract its work under this Agreement, in whole or in part, without prior written approval of USER. USER shall require any approved subcontractor to agree, as to the portion subcontracted, to comply with all obligations of PROVIDER specified in this Agreement. Notwithstanding the USER'S approval of a subcontractor, PROVIDER shall remain obligated for full performance of this Agreement and USER shall incur no obligation to any subcontractor.

**12. ASSIGNMENT.** Neither Party shall assign this Agreement in whole or in part, or any right or obligation hereunder, without the other Party's written approval.

**13. COMPLIANCE WITH LAWS.** The Parties shall comply with all applicable federal, state, and local laws, rules, ordinances, and regulations at all times and in the performance of the services provided by this Agreement.

**14. NOTICES.** Any notices permitted or required by this Agreement shall be deemed given when personally delivered or upon deposit in the United States mail, postage fully prepaid, certified, return receipt requested and addressed as noted below to the representative designated herein. Either Party may change its address by notice given to the other in accordance with this Section.

**GREEN AREA WATER & SANITARY  
AUTHORITY**  
ATTN: General Manager  
4336 Old HWY 99 S.  
Roseburg, OR 97471

**WINSTON-DILLARD WATER DISTRICT**  
ATTN: District Manager  
121 NW Douglas Drive  
Winston, OR 97496

**15. INTEGRATION.** This Agreement embodies the entire agreement of the Parties. There are no promises, terms, conditions or obligations other than those contained herein. This Agreement shall supersede all prior communications, representations or agreements, either oral or written, between the Parties concerning the subject matter of this agreement.

#### 4- INTERGOVERNMENTAL AGREEMENT – RESOURCE SHARING

**16. APPLICABLE LAW.** This Agreement shall be governed by and interpreted in accordance with the laws of the state of Oregon.

**17. NO WAIVER.** No provision of this Agreement shall be deemed waived unless such waiver is in writing and signed by the Party waiving its rights. Any waiver of a breach by either Party, whether express or implied, shall not constitute a waiver of any other different or subsequent breach.

**18. SEVERABILITY.** If any provision of this Agreement is held by any court to be invalid, such invalidity shall not affect any other provision of this Agreement.

**GREEN AREA WATER & SANITARY  
AUTHORITY**

**WINSTON-DILLARD WATER DISTRICT**

\_\_\_\_\_  
Tracey Parker, Board Chair

\_\_\_\_\_  
Board Chair

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

**Green Area Water & Sanitary Authority**  
**Customer Payment History - Summary**

Sort Order : Payment Source  
 From: 8/1/2023 Through: 8/31/2023

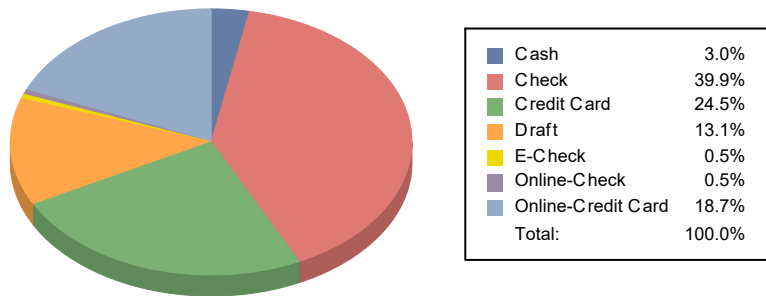
Payment Method	Quantity	Payment Amount
Cash	97	\$8,722.33
Check	1,296	\$164,003.97
Credit Card	795	\$78,292.22
Draft	424	\$48,279.29
E-Check	15	\$1,905.30
Online-Check	15	\$1,407.46
Online-Credit Card	607	\$58,693.31

Summary totals do not include reversed/transferred payments.

Service	Trans. Amount
Miscellaneous	\$(13,201.17)
Second Level Charge	\$(860.00)
Service Charge	\$(82,379.74)
Sewer	\$(124,383.62)
Water	\$(140,479.35)
<b>Totals</b>	<b>\$(361,303.88)</b>

Payment Method	Quantity	Payment Amount
<b>Payment Source</b>		
<b>Amount</b>		
Autopay		
Credit Card		\$(49,420.07)
Draft		\$(48,279.29)
		<b>\$(97,699.36)</b>
Customer Portal		
Online-Check		\$(1,407.46)
Online-Credit Card		\$(58,693.31)
		<b>\$(60,100.77)</b>
IVR		
Credit Card		\$(3,644.00)
E-Check		\$(575.90)
		<b>\$(4,219.90)</b>
Lockbox		
Check		\$(144,935.99)
		<b>\$(144,935.99)</b>
Manual		
Cash		\$(8,722.33)
Check		\$(19,067.98)
Credit Card		\$(25,228.15)
E-Check		\$(1,329.40)
		<b>\$(54,347.86)</b>
<b>Totals</b>		<b>\$(361,303.88)</b>

### Payment Breakdown





# Green Area Water & Sanitary Authority Transaction List - Summary

Sort order: Customer No.

From: 8/1/2023 Through: 8/31/2023

Limited to :

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

Deposits Transaction Types:

Transaction Type	Applies To	Transaction Amount
Collection Write-Off	Water Charge	(\$185.25)
	Water Delinquency	(\$20.00)
	Service Charge Charge	(\$204.80)
	Service Charge Delinquency	(\$10.00)
	Sewer Charge	(\$190.00)
		<b>(\$610.05)</b>
Delinquency	Water Interest	\$80.00
	Water Penalty	\$2,655.00
	Miscellaneous Interest	\$20.00
	Miscellaneous Penalty	\$15.00
	Service Charge Interest	\$740.00
	Service Charge Penalty	\$100.00
	Service Charge Shutoff	\$225.00
	Sewer Interest	\$40.00
	Sewer Penalty	\$140.00
	Sewer Shutoff	\$25.00
		<b>\$4,040.00</b>
Misc Chrg.	Miscellaneous (BF)	\$300.00
	Miscellaneous (DHF)	\$20.00
	Service Charge (AF)	\$525.00
	Sewer (MISC)	\$190.00
		<b>\$1,035.00</b>
<b>Grand Total:</b>		<b>\$4,464.95</b>

# SANITARY OPERATIONS REPORT

September 14, 2023

## ***Construction Projects***

- Green Family Housing, 73 units, 4 buildings, ie Engineering.
  - Project delayed for wetland approval.
- Winery Lane Inspired Healthcare Capital.
  - Design nearing completion.
  - System will be private.
  - Should start construction December 2023.

## ***Collection System***

- Manhole inspections project 'K' Basin well complete.
- TV annual project.
  - 'K' Basin, flushing and CCTV well complete.
  - Updating GIS and AutoCAD with lateral location changes underway.
- Received new push camera system, this allowed us to send of the old one for needed repairs.

## ***G4 and Pump Stations***

- GAWSA Pump Stations ran well, with typical operation and maintenance.
- PP&L power loss at G4 last month, the Generator transferred as expected.
  - Annual emergency response training with crew.

## ***Meetings and Conferences***

- Matt and I attended the DCUCC meeting.

## ***Lateral Inspections & GIS***

- 17 Inspections.
  - 108, 126, 131, 133, 134, 135, 137 Capitola, GIS update.
  - 125 Brittney, GIS update.
  - 223, 295, & 297 Roberts Creek Rd., GIS update.
  - 103 Donald Trump Ln., New Connection.
  - 133/135 Oly Ln., New Connection stubout.
  - 2170 Castle St., GIS update.
  - 3858 Joe St., I&I, yard drain fixed and GIS update.
  - 232 Rex St., GIS update.
  - 1699 Green Siding, GIS update.
- Updated our GIS to improve our dynamic updating from Douglas County for parcel information and situs addressing.

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

September 2023

I discussed a water mainline extension with a contractor regarding building on Oly Ln., this will need to be done before a meter is sold. There will also be a mainline installed on Donald Trump lane that will be done at the same time.

The repair on the main going to Sunnyslope school was made before school was back in session and the parking lot was repaired.

The electricians have been working on the lighting at the water treatment plant. We are very pleased with the work that has been done. This is for both security and afterhours operations of the facility.

The Treatment plant received multiple truck deliveries this month for both treatment and maintenance wash chemicals.

The crew will be performing some drainage maintenance on the ranch. A ditch will be dug and a rusted culvert will be replaced.

We are still waiting for the power supplies for the MIOX unit. We also had one of the cells fail in the other MIOX unit that was functional. We had to temporarily combine parts from both machines to stay operational. A new cell has been ordered.

A repair was made on the air dryer for our plant compressor. A fitting on the drain failed and was replaced.

Multiple crew members will be attending an Asbestos Workers Class, in order to keep our certifications up to date.

Jeremy and I will be attending a training class for the mobile treatment trailer. It will be attended by all utilities that received them. We will also receive, and be trained with the disinfection system that was developed for the units.

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

# WINSTON-GREEN REGIONAL WASTEWATER TREATMENT FACILITY

## Weekly Reports – August 2023

### August 4th

- Hauled 13,500 gallons of liquid biosolids
- Filled Drying Beds 53,000 Gallons
- Pulled weeds
- Rebuilt front end of golf cart
- Changed the oil and greased primary clarifier # 2
- AC in digester control building burnt up
  - Staff if looking into replacements
- Finished draining Facc. Tank # 2
- TAG onsite installing new VFD's on the following Pumps
  - Gravity Thickener Pump
  - Thickened Waste Activated Sludge Pump
  - Return Activated Pumps 1, 2 and 3
- TAG onsite to reprogram the plants effluent filters so that they will be more automated in their cleaning cycles. Currently the cleaning of the filters requires a large amount of staff's time each day
  - Due to the age of our PLC network, it has been extremely difficult to program the PLC's. These will need to be replaced in the future
- Sherwin Williams representative onsite to go over coating options for the fiberglass roof coverings on the buildings supply and exhaust fans
- Changed Oil and Greased Influent Bar Screen
- Finished dirt work in front of digester # 2, this created a nice landing to work on while staff cleans out the digester

### August 11th

- Hauled 40,500 gallons of liquid biosolids
- Filled Drying Beds 40,675 Gallons
- Pulled weeds
- Worked on pumping Digester # 2
- Picked up drying beds 2,5,8,10
- New Tires on Bobcat S850
- Finished burying broken chlorine line
- Fixed multiple broken sprinklers
- Made process change to primary clarifier
  - Part of the flow going to the primary clarifier is now being diverted to the Aeration Basin to provide more food for the bacteria
- Fixed Backwash pump # 2 check valve

WINSTON-GREEN REGIONAL WASTEWATER TREATMENT FACILITY  
Weekly Reports – August 2023

**August 18th**

- Hauled 40,500 gallons of liquid biosolids
- Filled Drying Beds 30,000 Gallons
- Pulled weeds
- Worked on pumping Digester # 2
- Shut secondary clarifier # 3 off
- Met with Aeration Basin Sales Representative
- Cleaned Wet Well
- Air conditioner replaced in digester control room
  - It Immediately had problems and didn't survive 24 hrs. A replacement was sent to us under warranty
- Cleaned Chlorine Contact Chambers
- Fixed Leak on copper water line at RAS pump # 2

**August 25<sup>th</sup>**

- Hauled 27,000gallons of liquid biosolids
- Filled Drying Beds 17,400 Gallons
- Pulled weeds
- Microchlor system brine line plugged
  - Salt chunks are forming in the line and causing problems with our brine pump
- Acid Washed microchlor system
- Pressure washed secondary clarifier # 3 in preparation for weir sealant
- Call Out due to Influent Pump # 1 fault
- Fixed broken sprinkler heads
- Cleaned wet well

# Winston- Green WWTF Monthly Numbers

August 2023

## General

1.) Plant Influent Flow (MG	<u>2023</u>		<u>2022</u>	
<i>Winston</i>	14.88	43%	15.98	46%
<i>Green</i>	19.53	57%	18.79	54%
<i>Rainfall</i>	0.25		0.00	
<i>Chlorine (Gallons)</i>	20,890		20,594	

## Bio-Solids

- 1.) Drying beds  
85,700 Gallons
- 2.) Land Application  
139,500 Gallons

## FLOW ALLOCATION CHART

MONTH	WINSTON MG	GREEN MG	LANDERS LN. MG	TOTAL MG	RAINFALL
Jan.23	40.77	33.62	0.764	75.15	2.64
Feb.23	25.91	26.31	0.524	52.74	3.43
Mar.23	47.21	36.57	0.914	84.69	4.49
Apr.23	44.56	33.45	0.757	78.77	3.31
May.23	22.23	21.68	0.335	44.24	0.57
June.23	16.62	17.83	0.363	34.81	0.02
July.23	15.69	17.21	0.331	33.22	0.00
Aug.23	14.88	19.15	0.380	34.41	0.25
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	314.46	305.11	6.421	625.99	28.11
GREEN + LANDERS		311.53			
APPORTIONMENT	50.23%	49.77%			
			100%		

# WINSTON-GREEN WWTF

August2023

SYSTEM CLASSIFICATION: IV PERMIT # 100554  
 COUNTY: DOUGLAS

POPULATION: 10000

TYPE: RBC / ACTIVATED SLUDGE

FILE # 98400

BIOSOLIDS

D A T E	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	%	LBS CBOD DIS	EFF SS mg/l	%	LBS DIS SS	CL2 RES mg/l	ECOLI COL	BIOSOLIDS		
																				LAND gallons	DRYING BEDS gallons	RAIN FALL inches
1	1.238	7.4									24.8							0.06		13,500		
2	1.227	7.4	259	268	0.2						25.0	4.0	98%	41	2.2	99%	23	0.03	18.5			
3	1.335	7.4									24.8							0.05				
4	1.235	7.4	170	248							24.9	2.9	98%	30	3.0	99%	31	0.07	6.3			
5	1.196	7.4									25.0							0.04				
6	1.265	7.3									25.1							0.04	2.0			
7	1.269	7.2	233	408	0.35	3.27	0.16	13.5	13.5	13.5	25.3	3.7	98%	39	3.6	99%	38	0.01	79.8	13,500		
8	1.392	7.5									25.3							0.05				
9	1.199	7.3	182	419							25.2	3.5	98%	35	2.6	99%	26	0.04				
10	1.280	7.5									25.2							0.04		13,500	40,675	
11	1.262	7.5	148	236	1.72						25.2	2.7	98%	28	2.6	99%	27	0.05		9,000		
12	1.229	7.6									25.3							0.05			10,175	
13	1.266	7.6									25.5							0.04	<1			
14	1.264	7.4	204	306	1.29	3.97	0.35	17.2	11.8	11.8	25.9	2.9	99%	31	1.6	99%	17	0.05	6.3	4,500	7,350	
15	1.291	7.3									26.1							0.04				
16	1.252	7.4	140	287							26.0	4.3	97%	45	2.8	99%	29	0.06		9,000		
17	1.241	7.5									25.4							0.04		9,000		
18	1.451	7.5	148	278	0.51						25.6	3.6	98%	44	3.6	99%	44	0.06		4,500	9,450	
19	1.343	7.4									25.7							0.05				
20	1.301	7.6									25.1							0.06	4.1	4,500		
21	1.236	7.5	183	272	0.21	5.40	0.47	18.3	8.0	8.0	25.1	2.9	98%	30	3.0	99%	31	0.04	<1	4,500	7,875	
22	1.207	7.5									25.1							0.06				
23	1.212	7.5	145	294	0.69						25.1	2.8	98%	28	3.0	99%	30	0.07		9,000		
24	1.183	7.5									24.9							0.05		4,500	0.01	
25	1.358	7.5	142	247							25.1	3.8	97%	43	4.0	98%	45	0.06			10,175	
26	1.212	7.5									25.1							0.04			0.01	
27	1.255	7.4									24.9							0.05	<1			
28	1.245	7.3	152	283	1.25	3.29	0.19	15.7	4.4	4.4	24.7	3.9	97%	40	2.2	99%	23	0.06	<1	4,500		
29	1.201	7.4									24.7							0.03		13,500		
30	1.237	7.4	142	328	1.06						24.7	2.4	98%	25	5.4	98%	56	0.04		18,000		
31	1.248	7.3									24.3							0.05		4,500	0.23	
TOT	39.13													459			420			139,500	85,700	0.25
MAX	1.451	7.6	259	419	1.72	5.40	0.47	18.3	13.5	13.5	26.1	4.3	99%	45	5.4	99%	56	0.07	79.8	18,000	40,675	0.23
MIN	1.183	7.2	140	236	0.21	3.27	0.16	13.5	4.4	4.4	24.3	2.4	97%	25	1.6	98%	17	0.01	2.0	4,500	7,350	0.01
AVG	1.262	7.4	173	298	0.81	3.98	0.29	16.2	9.4	9.4	25.2	3.3	98%	35	3.0	99%	32	0.05		8,719	14,283	0.08

LBS AVG

EXCESS THERMAL LOAD WEEKLY AVG. Mkcals/day  
 EFF TEMP @ WEEKLY AVG.

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