



GREEN AREA WATER & SANITARY AUTHORITY

Water Leak RECEIVED Credit Request

JUN 21 2023

BY: _____



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

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

SECTION 1 - TO BE COMPLETED BY THE CUSTOMER

UTILITY CUSTOMER INFORMATION		(Please type or print clearly)
Customer Name: <i>LETA J. UPTON</i>		Service Address: <i>2438 AUSTIN ROAD</i>
Daytime Phone: [REDACTED]	Account Number: <i>5396001</i>	<i>ROSEBURG OR 97471-4510</i>
REPAIR DATE	LEAK REPAIR RECEIPTS - PLEASE ATTACH	
Date Leak Repaired: <i>4-7-23</i>	<input type="checkbox"/> Attached <i>NO RECEIPTS. NEPHEW SPENT LESS THAN \$25⁰⁰</i>	
Brief Description of Leak Failure and Repair: <i>A CRACK IN CPVC PIPE UNDER MANUFACTURED HOME. CUT OUT BAD PIECE & REPLACED</i>		
I certify that I am the account holder and that the leak has been repaired. I request that Green Area Water & Sanitary Authority consider my request for a water leak credit.		
Customer Signature: [REDACTED]		Date: <i>6/21/23</i>

SECTION 2 - TO BE COMPLETED BY AUTHORITY BILLING DEPT

Date Form Received: <i>6/21/23</i>	Meter Read Date to use for Water Leak Credit Evaluation: <i>1/10/23 - 4/10/23</i>	If Credit Granted, Utility Bill Anticipated to Show the Credit Amount:
Estimated leak period based on consumption history (attach service history):	<i>1/10/23 - 4/10/23</i>	
Estimated normal billing during leak period: <i>80.40</i>	Leak month billing:	<i>279.90</i>
Past average normal billing in same billing cycle (or est avg billing if less than 1 yr of svc): <small>(NOTE: if estimating average consumption, attach calculation documentation)</small>	<i>(80.40)</i>	
Estimated leak billing of the leak billing period divided by 2=	<i>199.50 / 2</i>	<i>99.75</i>
Leak gallons vs. normal usage gallons:	<i>74200 VS 4300</i>	
Calculated water leak credit amount:	<i>99.75</i>	
Reviewer's Initials: <i>DC</i>	Approver's Initials:	<input type="checkbox"/> Credit Granted <input type="checkbox"/> Credit Denied GAWSA 1
		If Leak Credit Granted: Date Applied: _____ Initials: _____

MINUTES OF THE GREEN AREA WATER & SANITARY AUTHORITY
BOARD OF DIRECTORS MEETING
June 8, 2023

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

BOARD DIRECTORS PRESENT:

Tracey Parker, Chair
Brenda Kingry, Treasurer
Carolyn White
Tom Fullbright

BOARD DIRECTORS ABSENT:

None

GAWSA STAFF PRESENT:

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

ALSO PRESENT:

Shirley McSperitt, customer

Director Steve Lusch made a motion to approve the following leak adjustment credit:

RMW Management: \$100

Director Brenda Kingry seconded the motion. The motion passed unanimously.

Director Kingry made a motion to approve the May regular Board meeting minutes and accounts payable. Director Carolyn White 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 will be meeting with Manfre Design Source to discuss preliminary design. There was a brief discussion regarding the office measurements.

David presented a 12-month lease renewal for the 828 Harmony Lane pastureland lease to Renee Wambolt. Director Lusch made a motion to approve the lease renewal. Director Tom Fullbright seconded the motion. The motion carried unanimously.

David informed the Board that the 2022 GAWSA water quality report is now available on the Authority's website and hard copies or a link to the PDF on the website will be provided in the June billing statements.

David stated that he will be spending more time working on the Authority's financials and preparing for a two-year audit now that things are running smoothly in the office.

MINUTES OF THE GREEN AREA WATER & SANITARY AUTHORITY
BOARD OF DIRECTORS MEETING
June 8, 2023

Collections System Supervisor Shannon Miller presented the sanitary operations report.

Operations Manager Alan Paulson delivered the water operations report. Alan stated that we are still waiting for Fire District No. 2 to begin flushing hydrants.

Alan informed the Board that we are testing the water intertie with Winston Dillard Water District.

Alan stated that we recently completed some road maintenance for the Authority's water tanks, as we prepare for routine tank inspections/cleanings.

Alan informed the Board about coupler and soft-starter failure on the water plant's blower and blower motor. Camp Creek Electric hopes to be able to repair rather than replace the soft-starter.

Alan provided an update on the status of our new mobile water treatment trailer. After attending a recent AWWA subsection meeting, we have learned of another agency with the same trailer and same issues that came with it. Alan will reach out to the contacts to learn more.

Chris Sherlock, Wastewater Treatment Plant Superintendent, presented his report. Chris explained the foaming issues that have been experiencing with the digesters, as well as elevated ammonia levels.

Chris presented a 24-month lease renewal for pastureland fields 2 and 3 at the wastewater treatment plant, to Joe Hammack. The lease amount is \$600 per year for a total of \$1,200. Director Kingry made a motion to approve the lease renewal. Director White seconded the motion. The motion carried unanimously.

There being no further business for the good of the order, Director Kingry made a motion to adjourn the meeting. Director Lusch seconded the motion. The motion carried unanimously, and Chairperson Parker adjourned the meeting at 5:20pm.

Steve Lusch, Board Secretary

Tracey Parker, Board Chair

MINUTES OF THE GREEN AREA WATER & SANITARY AUTHORITY
BUDGET COMMITTEE MEETING
June 8, 2023

The Budget Committee Meeting was called to order at 6:00pm.

BUDGET COMMITTEE MEMBERS PRESENT:

Tracey Parker, Brenda Kingry, Carolyn White, Tom Fullbright, Steve Lusch, Andrew Albee, Shirley McSperitt, Mande Ronk, Charlie Borden, and Carole Hogge.

COMMITTEE MEMBERS ABSENT:

None

GAWSA STAFF PRESENT:

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

ALSO PRESENT:

Chris Sherlock, Wastewater Treatment Plant Superintendent (City of Winston)

Committee Members introduced themselves.

Budget Officers are as follows:

- Budget Officer: David Campos, General Manager
- Budget Committee Chair: Brenda Kingry nominated Steve Lusch as the Budget Committee Chair. Tom Fullbright seconded the motion. The motion passed unanimously.
- Budget Committee Secretary: Brenda Kingry nominated Tracey Parker as the Budget Committee Secretary. Charlie Borden seconded the motion. The motion passed unanimously.

The Budget Message for the fiscal year 2023-2024 was presented by the Budget Officer, General Manager David Campos. There was discussion regarding the contents of the Budget Message and whether everyone had an opportunity to review the message. The Budget Committee members stated that they had reviewed the message, so the Budget Officer presented provided a highlight of the message to the committee. The highlight included significant asset purchases expected for the next year, as well as updates to water and sewer master plans, and compilation of other planning schedules to prepare for water and sewer rate analyses and to aid in strategic planning.

Discussion was held by Committee members on the water and sewer General Funds, Debt Service Funds, Capital Projects Funds, and sewer Collection System Improvement Fund. Shirley McSperitt questioned what the Board stipend amount is. Budget Officer David Campos stated that the stipend is fifty dollars per day. Shirley McSperitt questioned regarding the unaudited numbers for 2021-2022. David stated that the 2021-2022 financials have not been audited yet, so likely the 2021-2022 and 2022-2023 fiscal years will be audited at the same time, and the budgeted fee is higher than normal

MINUTES OF THE GREEN AREA WATER & SANITARY AUTHORITY
BUDGET COMMITTEE MEETING

June 8, 2023

due to initial audit for the authority which will require extra testing. Ms. McSperitt also questioned the increase in budgeted bank charges. David responded that the Authority is now being assessed account analysis fees by Umpqua Bank, whereas Roberts Creek Water District was not assessed analysis fees.

Andrew Albee questioned why there is not an amount budgeted for replacement of filter membranes, as they have a ten-year life expectancy. Operations Superintendent Alan Paulson stated that the upgraded membranes recently purchased have a longer life expectancy, so in a few years we will begin budgeting to replace a portion of the filters each year. Mande Ronk questioned the increase in budget for water inventory purchases. Alan stated that with the supply chain issues we have been experiencing, we would like to increase our inventory on hand in the event of unexpected field repairs. Mande also questioned the decrease in budgeted health insurance premiums for water operations, as she wanted to ensure employees' benefits were not being cut. David stated that an error was made in the budget calculation for the 2022-2023 year so the budgeted cost was overstated. Tom Fullbright questioned the increase in budget for the wastewater treatment plant operations. David stated that the budgeted capital outlay, including the facilities plan and aeration basin blower upgrade, has caused the sewer operations budget to increase significantly. Other budget items were discussed, but there were no issues with the budgeted amounts.

At this time, the Budget Committee considered the budget in its entirety, and the public was invited to comment.

No public comment was made.

Tom Fullbright made a motion to approve the 2023-2024 Budget as presented. Mande Ronk seconded the motion. The motion carried unanimously.

A brief discussion about future water and sewer utility rates took place.

Budget Chair Steve Lusch thanked the committee for its participation and commitment. There being no further business to come before the Budget Committee, the meeting was adjourned at 7:08pm.

Steve Lusch, Board Secretary

Tracey Parker, Board Chair

Green Area Water & Sanitary Authority
GAWSA Expense Detail

June 2023

Type	Date	Num	Name	Memo	Debit	Credit	Balance
507-1 - Retirement Contribution - WA							
Check	06/27/2023	11040	EDWARD JONES CO.	Qtr ended March 2023 SEP IRA contribution - reissue	4,075.50		4,075.50
Check	06/30/2023	11041	EDWARD JONES CO.	Apr-June SEP IRA contributions	4,131.72		8,207.22
Total 507-1 · Retirement Contribution - WA					8,207.22	0.00	8,207.22
507-2 - Retirement Contribution - SA							
Check	06/27/2023	11040	EDWARD JONES CO.	Qtr ended March 2023 SEP IRA contribution - reissue	4,075.50		4,075.50
Check	06/30/2023	11041	EDWARD JONES CO.	Apr-June SEP IRA contributions	4,131.72		8,207.22
Total 507-2 · Retirement Contribution - SA					8,207.22	0.00	8,207.22
512-1 - Legal Fees - WAdmin							
Check	06/20/2023	11039	HAWKINS DELAFIELD & WOOD LLP	Inv #1431454 / Legal work for assignment of Chase Loan to GAWSA	5,152.00		5,152.00
Total 512-1 · Legal Fees - WAdmin					5,152.00	0.00	5,152.00
516-1 - Communication & IT							
Paycheck	06/30/2023	DD1641	Campos, David M	Direct Deposit	50.00		50.00
Total 516-1 · Communication & IT					50.00	0.00	50.00
518-1 - R & M Office - WA							
Check	06/08/2023	11020	DOUGLAS CO. FARMERS CO-OP	Inv #56055 / HVAC filters for office	6.99		6.99
Check	06/08/2023	11021	EXODUS PEST CONTROL	Inv #77006 / water office pest control	28.00		34.99
Check	06/08/2023	11027	OREGON LINEN	Inv #954377 / rug service water office	69.90		104.89
Total 518-1 · R & M Office - WA					104.89	0.00	104.89
518-2 - R & M Office - SA							
Check	06/08/2023	11020	DOUGLAS CO. FARMERS CO-OP	Inv #56055 / HVAC filters for office	6.99		6.99
Check	06/08/2023	11029	STAPEL PEST SOLUTIONS	Inv #311317 / sanitary office pest control	45.00		51.99
Total 518-2 · R & M Office - SA					51.99	0.00	51.99
523-1 - Dues & Subscriptions - WA							
Check	06/08/2023	11025	NEWS REVIEW	Inv #88247 / Notice of Budget Committee mtg posting	34.25		34.25
Total 523-1 · Dues & Subscriptions - WA					34.25	0.00	34.25
523-2 - Dues & Subscriptions - SA							
Check	06/08/2023	11025	NEWS REVIEW	Inv #88247 / Notice of Budget Committee mtg posting	34.26		34.26
Total 523-2 · Dues & Subscriptions - SA					34.26	0.00	34.26
533-1 - Merchant Service Fees - WA							
Check	06/08/2023	11016	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #R15177 / May merchant service fees	941.60		941.60
Check	06/08/2023	11016	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #R14880 / April Echeck & ACH transaction fees	9.00		950.60
Total 533-1 · Merchant Service Fees - WA					950.60	0.00	950.60
533-2 - Merchant Service Fees - SA							
Check	06/08/2023	11016	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #R15177 / May merchant service fees	941.60		941.60
Check	06/08/2023	11016	CONTINENTAL UTILITY SOLUTIONS, INC.	Inv #R14880 / April Echeck & ACH transaction fees	9.00		950.60
Total 533-2 · Merchant Service Fees - SA					950.60	0.00	950.60
535-1 - Contract Services - Meter Reads							
Check	06/08/2023	11024	METEREADERS, LLC	Inv #10766 / May meter readings	2,371.50		2,371.50
Total 535-1 · Contract Services - Meter Reads					2,371.50	0.00	2,371.50
607-1 - Retirement Contributions - WO							
Check	06/27/2023	11040	EDWARD JONES CO.	Qtr ended March 2023 SEP IRA contribution - reissue	11,750.64		11,750.64
Check	06/30/2023	11041	EDWARD JONES CO.	Apr-June SEP IRA contributions	11,787.12		23,537.76
Total 607-1 · Retirement Contributions - WO					23,537.76	0.00	23,537.76

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

June 2023

Type	Date	Num	Name	Memo	Debit	Credit	Balance
607-2 - Retirement Contributions - SO							
Check	06/27/2023	11040	EDWARD JONES CO.	Qtr ended March 2023 SEP IRA contribution - reissue	6,157.80		6,157.80
Check	06/30/2023	11041	EDWARD JONES CO.	Apr-June SEP IRA contributions	6,188.04		12,345.84
Total 607-2 - Retirement Contributions - SO					12,345.84	0.00	12,345.84
610-1 - Vehicle/Equipment O & M - WO							
Check	06/08/2023	11014	NAPA AUTO PARTS	Inv #894895 / PO 18161 / cap and JB weld for Vactron repair	15.18		15.18
Check	06/08/2023	11014	NAPA AUTO PARTS	Inv #892148 / PO 18163 / Antifreeze for Highlands generator	20.98		36.16
Check	06/08/2023	11014	NAPA AUTO PARTS	Inv #892666/892686 / PO 18167 / oil and filters for backhoe service	267.71		303.87
Check	06/08/2023	11014	NAPA AUTO PARTS	Inv #892823 / PO 18168 / Backhoe oil	20.49		324.36
Check	06/08/2023	11014	NAPA AUTO PARTS	Inv #892917 / PO 18169 / oil and filter for 1.5T service truck	105.95		430.31
Check	06/08/2023	11015	BASSETT-HYLAND ENERGY	Inv #CL16413 / fuel for water pickups, backhoe, vactron 5/16 - 5/31	347.66		777.97
Total 610-1 - Vehicle/Equipment O & M - WO					777.97	0.00	777.97
610-2 - Vehicle/Equipment O & M - SO							
Check	06/08/2023	11015	BASSETT-HYLAND ENERGY	Inv #CL16413 / Fuel for sanitary service pickups 5/16 - 5/31	265.95		265.95
Check	06/08/2023	11033	CHUCK SWARM & FAMILY AUTO REPAIR	Inv #25190 / PO 18186 / 2000 Silverado oil service	71.97		337.92
Total 610-2 - Vehicle/Equipment O & M - SO					337.92	0.00	337.92
611-1 - Dues/Fees/Subscriptions- WO							
Check	06/08/2023	11026	ONE CALL CONCEPTS, INC.	Inv #3050700 / May one-call locate tickets	48.30		48.30
Total 611-1 - Dues/Fees/Subscriptions- WO					48.30	0.00	48.30
611-2 - Dues/Fees/Subscriptions- SO							
Check	06/08/2023	11026	ONE CALL CONCEPTS, INC.	Inv #3050700 / May one-call locate tickets	48.30		48.30
Total 611-2 - Dues/Fees/Subscriptions- SO					48.30	0.00	48.30
612-1 - Communication & IT - Ops							
Paycheck	06/30/2023	DD1642	Carlson, Trev W	Direct Deposit	50.00		50.00
Paycheck	06/30/2023	DD1645	Hope, Will T	Direct Deposit	50.00		100.00
Paycheck	06/30/2023	DD1646	Manson, Joshua T.	Direct Deposit	50.00		150.00
Paycheck	06/30/2023	DD1648	Paulson, Alan D.	Direct Deposit	50.00		200.00
Paycheck	06/30/2023	DD1649	Radford, Daniel L.	Direct Deposit	50.00		250.00
Paycheck	06/30/2023	DD1652	Wolford, Jeremy J.	Direct Deposit	50.00		300.00
Check	06/30/2023	11043	VERIZON WIRELESS	Inv #9935301491 / tablet line	46.06		346.06
Check	06/30/2023	11043	VERIZON WIRELESS	Inv #9937664585 / tablet line	46.27		392.33
Total 612-1 - Communication & IT - Ops					392.33	0.00	392.33
612-2 - Communication & IT - SO							
Paycheck	06/30/2023	DD1643	Chasteen, Matthew S.	Direct Deposit	50.00		50.00
Paycheck	06/30/2023	DD1647	Miller, Shannon L.	Direct Deposit	50.00		100.00
Total 612-2 - Communication & IT - SO					100.00	0.00	100.00
615-1 - Misc Expense - WO							
Check	06/30/2023	11043	VERIZON WIRELESS	Inv #9937664585 / late fee	5.00		5.00
Total 615-1 - Misc Expense - WO					5.00	0.00	5.00
620-1 - R & M Water Distribution							
Check	06/08/2023	11020	DOUGLAS CO. FARMERS CO-OP	Inv #55980 / PO 18173 / security lights Highlands PS	73.97		73.97
Check	06/08/2023	11023	LONG'S BUILDING SUPPLY	Inv #370486 / PO 18184 / parts for repair customer broken line	83.76		157.73
Total 620-1 - R & M Water Distribution					157.73	0.00	157.73

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

June 2023

Type	Date	Num	Name	Memo	Debit	Credit	Balance
622-1 - Tools & Supplies - Distribution							
Check	06/08/2023	11020	DOUGLAS CO. FARMERS CO-OP	Inv #55969 / PO 18171 / paint trays for Highlands painting	21.98		21.98
Check	06/08/2023	11020	DOUGLAS CO. FARMERS CO-OP	Inv #55974 / PO 18172 / paint brushes	6.29		28.27
Check	06/08/2023	11020	DOUGLAS CO. FARMERS CO-OP	Inv #56260 / PO 18182 / assorted hardware	16.76		45.03
Check	06/08/2023	11022	FASTENAL	Inv #ORROS230141 / PO 18188 / 12" repair on River Place Bridge	54.96		99.99
Check	06/08/2023	11023	LONG'S BUILDING SUPPLY	Inv #369170 / PO 18160 / blades for sawzall and grinder	63.12		163.11
Total 622-1 - Tools & Supplies - Distribution					163.11	0.00	163.11
626-1 - Water Samples - WO							
Check	06/08/2023	11031	UMPQUA RESEARCH	Inv #M070513 / 8 Coliform tests	192.00		192.00
Check	06/08/2023	11031	UMPQUA RESEARCH	Inv #M070644 / 2 TOC, 1 Alkalinity	147.50		339.50
Total 626-1 - Water Samples - WO					339.50	0.00	339.50
627-1 - Backflow Tests- WO							
Check	06/08/2023	11017	CHRIS NICHOLLS CONSTRUCTION	Inv #292846 / 5 non-comp backflow tests	225.00		225.00
Total 627-1 - Backflow Tests- WO					225.00	0.00	225.00
642-2 - Tools & Supplies - SO							
Check	06/30/2023	11042	CASH	Diamond Auto Upholstery / 1.5 yd fabric - SM	30.00		30.00
Total 642-2 - Tools & Supplies - SO					30.00	0.00	30.00
647-2 - G4 Pumpstation - SO							
Check	06/08/2023	11019	CUMMINS SALES & SERVICE	Inv #12-51503 / PO 18178 / G4 Generator/PLC issue repair	1,195.90		1,195.90
Total 647-2 - G4 Pumpstation - SO					1,195.90	0.00	1,195.90
700-1 - WTP R & M							
Check	06/08/2023	11020	DOUGLAS CO. FARMERS CO-OP	Inv #55669 / PO 18162 / air line parts for valve control	17.38		17.38
Check	06/08/2023	11020	DOUGLAS CO. FARMERS CO-OP	Inv #56029 / PO 18174 / garden hose repair parts	7.49		24.87
Check	06/08/2023	11030	USA BLUE BOOK	Inv #27361 / PO 18189 / salt bridge; PEEK	314.10		338.97
Check	06/08/2023	11032	BRAY INTERNATIONAL, INC.	Inv #220/55035007 / PO 18177 / Feed valve positioner - cell 2	1,527.79		1,866.76
Total 700-1 - WTP R & M					1,866.76	0.00	1,866.76
712-2 - O&M Regional WWTP							
Check	06/08/2023	11018	CITY OF WINSTON	April WWTP Personnel services	21,862.17		21,862.17
Total 712-2 - O&M Regional WWTP					21,862.17	0.00	21,862.17
TOTAL					89,548.12	0.00	89,548.12

GREEN AREA WATER & SANITARY AUTHORITY
Plant Expense Detail
 June 2023

Date	Num	Name	Memo	Amount
Income				
Expense				
650-2 · O & M Regional WWTP				
71-0110 · Office Supplies				
06/07/2023	14692	Goin' Postal	Receipt: 117393 / Postage	0.63
06/07/2023	14692	Goin' Postal	Receipt: 116060 / FedEx	58.58
06/07/2023	14694	Sierra Springs	Inv: 21794497 042923 / Bottled water svc-April	49.44
06/07/2023	14694	Sierra Springs	Inv: 21794497 040123 / Bottled water svc-March	39.44
06/07/2023	14694	Sierra Springs	Inv: 21794497 030423 / Bottled water svc-February	39.44
06/07/2023	14694	Sierra Springs	Inv: 21794497 052723 / Bottled water svc-May	16.50
Total 71-0110 · Office Supplies				204.03
71-0120 · Tools & Spare Parts				
06/29/2023	14699	Card Member Services	Pressure relief valve	325.72
Total 71-0120 · Tools & Spare Parts				325.72
71-0130 · Equipment Maintenance/Repair				
06/29/2023	14702	Grainger	Inv: 9723209442 / Valve	153.35
06/29/2023	14703	Granich Engineered Produc...	Inv: BI-0363381 / Shaft, fronthead, other parts	5,159.08
06/29/2023	14705	Measure-Tech, Inc	Inv: 17974 / Flow meter calibration	1,168.46
06/29/2023	14707	Paramount Supply Co	Inv: 699237 / Flexaseal	3,453.07
Total 71-0130 · Equipment Maintenance/Repair				9,933.96
71-0160 · Phone				
06/29/2023	14697	CenturyLink	Security gate phone line: 6/11-7/11	43.82
Total 71-0160 · Phone				43.82
71-0190 · Building Maintenance				
06/07/2023	14689	Coopers Pest Control	Inv: 23561 / Pest control May	115.00
06/07/2023	14689	Coopers Pest Control	Inv: 22297 / Pest control April	115.00
06/07/2023	14690	DC Farmers Co-op	Inv: 19981 / Crossbow, weed feed, parts	348.11
06/07/2023	14690	DC Farmers Co-op	Inv: 56038 / Nuts, bolts, washers, screws, glue	21.83
06/07/2023	14690	DC Farmers Co-op	Inv: 56135 / Nuts, bolts, washers	5.52
06/07/2023	14690	DC Farmers Co-op	Ref: 225327 / Service charge	3.00
06/29/2023	14696	Amazon Capital Services	Inv: 1QTK-NJWH-HDLY / Sealant	124.31
06/29/2023	14698	Coopers Pest Control	Inv: 24739 / Pest control-June	115.00
06/29/2023	14700	Douglas County Solid Waste	Inv: 682730 / Grit and screenings	161.68
Total 71-0190 · Building Maintenance				1,009.45
71-0200 · Electricity				
06/29/2023	14706	Pacific Power	Acct: 38013711-001 7 / Utilities: 5/3-6/2	8,800.50
Total 71-0200 · Electricity				8,800.50
71-0210 · Water & Other Utilities				
06/29/2023	14704	GAWSA	Water service: 5/10-6/10	414.85
Total 71-0210 · Water & Other Utilities				414.85
71-0220 · Chemicals				
06/07/2023	14691	ENTERPRISE SPECIALTY...	Inv: 2023-49897-00 / Biological foam	1,595.20
Total 71-0220 · Chemicals				1,595.20
71-0240 · Lab				
06/07/2023	14693	North Central Laboratories	Inv: 487866 / Rubber stopper	96.35
06/07/2023	14695	USABlueBook	Inv: 11364 / Lab materials	35.70
06/07/2023	14695	USABlueBook	Inv: 13186 / Lab materials	271.66
06/29/2023	14701	IDEXX Distribution, Inc.	Inv: 3130610450 / Lab tests	744.12
06/29/2023	14709	USABlueBook	Inv: 00020027 / Lab materials	409.20
Total 71-0240 · Lab				1,557.03
71-0250 · Personal Protective Equipment				
06/07/2023	14688	CINTAS CORP	Inv: 4154442914 / Uniforms	111.05
06/07/2023	14688	CINTAS CORP	Inv: 4155169587 / Uniforms	102.26

GREEN AREA WATER & SANITARY AUTHORITY
Plant Expense Detail
June 2023

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
06/07/2023	14688	CINTAS CORP	Inv: 4155855389 / Uniforms	143.57
06/07/2023	14688	CINTAS CORP	Inv: 4156562416 / Uniforms	102.26
Total 71-0250 · Personal Protective Equipment				459.14
71-1010 · New Equipment				
06/29/2023	14708	The Automation Group, Inc.	Inv: J000846 / DO valve install and program	27,096.00
Total 71-1010 · New Equipment				27,096.00
Total 650-2 · O & M Regional WWTP				51,439.70
Total Expense				51,439.70
Net Income				(51,439.70)

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

Office Remodel

We have substantially completed a preliminary design with Betti Manfre. I plan to run the draft by Tom Rogers to get his input before putting the project out to bid.

Hwy 42 Emergency Pipe Bursting/Bypass Pumping Project

I have attached Pay Application #1 from Cradar Enterprises, in the amount of \$144,578.48. As of June 30, 2023, substantially all work had been completed, however there were some cost items that had not come in yet, so there will be one additional pay request for the remainder of the project. Staff recommends that the Board approve pay application #1.

Meeting with Metereaders

Alan and I will be meeting with the owners of Metereaders, LLC this Friday to discuss their new AMI, or Advanced Metering Infrastructure (smart meters) service.

Cradar Enterprises, Inc.

GENERAL CONTRACTOR
CCB LICENSE #51492

220 NE Lake St, Roseburg, Oregon 97470
PHONE (541) 673-3268 FAX (541) 673-0056

Invoice

Date	Invoice #
7/11/2023	03300

Bill To
Green Area Water & Sanitary Authority 4336 Old Hwy. 99 S. Roseburg, OR 97471

P.O. No.	Terms	Project
9180*	Net 30	

Quantity	Description	Rate	Amount
1	Pay Application #1 (5/10/2023 - 6/30/2023)	144,578.48	144,578.48
Total			\$144,578.48

CRADAR ENTERPRISES, INC.

1051 Melrose Road Roseburg OR 97471
Phone (541) 673-3268 Fax (541) 673-0056

Breakdown For: GAWS 12" Pipe Bursting Project
Date: 5/10/2023 thru 6/30/2023, Billing Period #1 (June)

5/10/2023	Operator/Labor, Fuse, Debead and Stage 12"	HR	41.5	\$46.89	\$1,945.94
	Backhoe	HR	5	\$65.00	\$325.00
	521E Loader	HR	5	\$88.00	\$440.00
	Crew Truck(s)	Each	2	\$250.00	\$500.00
6/6/2023	Operator/Labor MOB	HR	25	\$47.94	\$1,198.50
	210 Excavator	HR	4	\$115.00	\$460.00
	Dump Truck w/Equipment Trailer	HR	5	\$135.00	\$675.00
	Crew Truck(s)	Each	2	\$250.00	\$500.00
	Superintendent	HR	1	\$75.00	\$75.00
6/7/2023	Operator/Labor, Bypass	HR	22	\$47.94	\$1,054.68
	210 Excavator	HR	6	\$115.00	\$690.00
	Dump Truck	HR	6	\$95.00	\$570.00
	Crew Truck(s)	Each	2	\$250.00	\$500.00
6/12/2023	Operator/Labor, Bypass	HR	48.75	\$51.10	\$2,491.13
	210 Excavator	HR	6	\$115.00	\$690.00
	Dump Truck	HR	9	\$95.00	\$855.00
	Vac/Jetter Truck	HR	3	\$425.00	\$1,275.00
	Crew Truck(s)	Each	2	\$250.00	\$500.00
	Superintendent	HR	2	\$75.00	\$150.00
6/13/2023	Operator/Labor, Bursting Prep	HR	42	\$51.10	\$2,148.20
	210 Excavator	HR	5	\$115.00	\$575.00
	Backhoe	HR	5	\$65.00	\$325.00
	Dump Truck	HR	6	\$95.00	\$570.00
	Crew Truck(s)	Each	2	\$250.00	\$500.00
6/14/2023	Operator/Labor, Bursting Prep	HR	42.5	\$51.10	\$2,171.75
	330 Excavator	HR	7	\$0.00	\$0.00
	Dump Truck	HR	5	\$95.00	\$475.00
	Crew Truck(s)	Each	2	\$250.00	\$500.00
	Superintendent	HR	1	\$75.00	\$75.00
6/15/2023	Operator/Labor, Bursting Prep	HR	49.5	\$51.10	\$2,529.45
	210 Excavator	HR	6	\$115.00	\$690.00
	Backhoe	HR	5	\$65.00	\$325.00
	Dump Truck	HR	6	\$95.00	\$570.00
	Crew Truck(s)	Each	2	\$250.00	\$500.00
	Superintendent	HR	2	\$75.00	\$150.00
6/19/2023	Operator/Labor, Bursting Prep	HR	49	\$51.95	\$2,545.55
	210 Excavator	HR	9	\$115.00	\$1,035.00
	Dump Truck	HR	9	\$95.00	\$855.00
	Crew Truck(s)	Each	2	\$250.00	\$500.00
6/20/2023	Operator/Labor, Bursting Prep	HR	45	\$51.95	\$2,337.75
	330 Excavator	HR	5	\$0.00	\$0.00
	210 Excavator	HR	6	\$115.00	\$690.00
	Backhoe	HR	5	\$65.00	\$325.00
	Dump Truck	HR	4	\$95.00	\$380.00
	Crew Truck(s)	Each	2	\$250.00	\$500.00
	Superintendent	HR	2	\$75.00	\$150.00
6/21/2023	Operator/Labor, Bursting	HR	45	\$51.95	\$2,337.75
	330 Excavator	HR	7	\$0.00	\$0.00
	210 Excavator	HR	6	\$115.00	\$690.00
	521E Loader	HR	6	\$88.00	\$528.00
	Backhoe w/hoepack	HR	5	\$85.00	\$425.00
	Dump Truck	HR	5	\$95.00	\$475.00
	Crew Truck(s)	Each	2	\$250.00	\$500.00
	Superintendent	HR	3	\$75.00	\$225.00
6/22/2023	Operator/Labor, Tie-in South MH	HR	49.5	\$51.95	\$2,571.53
	210 Excavator	HR	4	\$115.00	\$460.00
	521E Loader	HR	3	\$88.00	\$264.00
	Backhoe	HR	4	\$65.00	\$260.00
	Dump Truck	HR	3	\$95.00	\$285.00
	Crew Truck(s)	Each	2	\$250.00	\$500.00

Off Time	Pump Check 6/23-6/25	HR	5	\$51.95	\$259.75
6/26/2023	Operator/Labor: Backfill & Manhole Prep	HR	49.5	\$55.43	\$2,743.79
	210 Excavator	HR	7	\$115.00	\$805.00
	Backhoe w/ hoepack	HR	6	\$85.00	\$510.00
	Dump Truck	HR	6	\$95.00	\$570.00
	Crew Truck(s)	Each	2	\$250.00	\$500.00
	Superintendent	HR	2	\$75.00	\$150.00
6/27/2023	Operator/Labor: Manhole Prep & Cleanup	HR	45	\$55.43	\$2,494.35
	210 Excavator	HR	6	\$115.00	\$690.00
	Backhoe w/hoepack	HR	7	\$85.00	\$595.00
	Dump Truck	HR	4	\$95.00	\$380.00
	Crew Truck(s)	Each	2	\$250.00	\$500.00
	Superintendent	HR	1	\$75.00	\$75.00
6/28/2023	Operator/Labor: Cleanup/Prep	HR	24.5	\$55.43	\$1,358.04
	Backhoe	HR	4	\$65.00	\$260.00
	Dump Truck	HR	4	\$95.00	\$380.00
	Crew Truck(s)	Each	2	\$250.00	\$500.00
	Superintendent	HR	1	\$75.00	\$75.00
6/29/2023	Operator/Labor: Install Manhole & Tie-in	HR	39	\$55.43	\$2,161.77
	210 Excavator	HR	6	\$115.00	\$690.00
	Backhoe w/hoepack	HR	6	\$85.00	\$510.00
	Dump Truck	HR	6	\$95.00	\$570.00
	Crew Truck(s)	Each	2	\$250.00	\$500.00
	Superintendent	HR	1	\$75.00	\$75.00
Materials for Period	Bucks Sanitary Service Inv. #237106	LS	1	\$85.20	\$85.20
	United Rentals Inv. #219719309-002	LS	1	\$1,333.56	\$1,333.56
	Falcon Shoring Inv. #108597	LS	1	\$2,941.50	\$2,941.50
	Umpqua Quarries Inv. #64665	LS	1	\$162.42	\$162.42
	HD Fowler Inv. #16435753	LS	1	\$540.35	\$540.35
	DC Farmer's Co-op Inv. #57061	LS	1	\$34.74	\$34.74
	Fastenal Inv. #ORROS230508	LS	1	\$49.24	\$49.24
	HD Fowler Inv. #16429285	LS	1	\$213.07	\$213.07
	Oregon Tractor Inv. #71298 (partial)	LS	1	\$8,174.75	\$8,174.75
	Umpqua Quarries Inv. #64257	LS	1	\$828.55	\$828.55
	DC Farmer's Co-op Inv. #56869	LS	1	\$105.02	\$105.02
	Umpqua Quarries Inv. #64227	LS	1	\$502.23	\$502.23
	DC Farmer's Co-op Inv. #56776	LS	1	\$74.94	\$74.94
	Concrete Builders Supply Inv. #11473	LS	1	\$68.67	\$68.67
	DC Farmer's Co-op Inv. #24337	LS	1	\$94.82	\$94.82
	Umpqua Sand & Gravel Inv. #109523	LS	1	\$314.50	\$314.50
	United Rentals Inv. #220766118-001	LS	1	\$230.52	\$230.52
	DC Farmer's Co-op Inv. #24212	LS	1	\$82.01	\$82.01
	Iconix Inv. #U2316022824	LS	1	\$881.54	\$881.54
	Oregon Tool & Supply Inv. #848728	LS	1	\$475.90	\$475.90
	DC Farmer's Co-op Inv. #56681	LS	1	\$15.97	\$15.97
	Falcon Shoring Inv. #108495	LS	1	\$1,078.50	\$1,078.50
	J.T. Technologies Inv. #0244155	LS	1	\$21,007.04	\$21,007.04
	Cradar's 24'x10' Shoring Box	LS	1	\$10,500.00	\$10,500.00
	Cradar's 14k Generator for Dewatering	LS	1	\$2,250.00	\$2,250.00
	Cradar's Utility Tie-in Shoring Boxes	LS	1	\$1,585.00	\$1,585.00
	HD Fowler Inv. #16399626	LS	1	\$1,460.00	\$1,460.00
	Fuel Consumption of 4" Diesel Pumps	Gallons	388	\$3.24	\$1,257.12
	Admin/Office	LS	1	\$945.00	\$945.00
all	OH&P Markup (20%)	LS	1	\$24,096.41	\$24,096.41
				TOTAL	\$144,578.48

The above breakdown reflects current standard equipment, labor and markup rates. Superintendent Daily reports, material invoices and sub contractor invoices upon request.

*Operator/Labor

*Equipment

*Materials/Subcontractors



Respectfully,

Marc Chirrick, President

Cradar Enterprises, Inc.

Green Area Water & Sanitary Authority
Customer Payment History - Summary

Sort Order : Payment Source
 From: 6/1/2023 Through: 6/30/2023

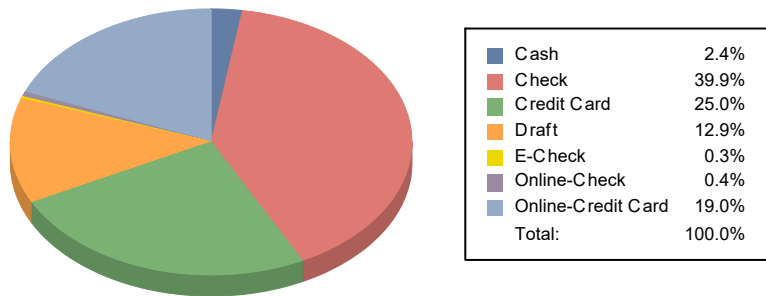
Payment Method	Quantity	Payment Amount
Cash	76	\$6,181.84
Check	1,245	\$122,611.75
Credit Card	781	\$63,609.48
Draft	402	\$37,198.53
E-Check	8	\$691.55
Online-Check	14	\$913.65
Online-Credit Card	592	\$48,580.20

Summary totals do not include reversed/transferred payments.

Service	Trans. Amount
Miscellaneous	\$(11,815.88)
Second Level Charge	\$(920.00)
Service Charge	\$(80,076.52)
Sewer	\$(119,233.45)
Water	\$(67,741.15)
Totals	\$(279,787.00)

Payment Method	Quantity	Payment Amount
Payment Source		
Amount		
Autopay		
Credit Card		\$(36,047.62)
Draft		\$(37,198.53)
		\$(73,246.15)
Customer Portal		
Online-Check		\$(913.65)
Online-Credit Card		\$(48,580.20)
		\$(49,493.85)
IVR		
Credit Card		\$(3,130.40)
E-Check		\$(149.55)
		\$(3,279.95)
Lockbox		
Check		\$(101,355.02)
		\$(101,355.02)
Manual		
Cash		\$(6,181.84)
Check		\$(21,256.73)
Credit Card		\$(24,431.46)
E-Check		\$(542.00)
		\$(52,412.03)
Totals		\$(279,787.00)

Payment Breakdown



Green Area Water & Sanitary Authority Transaction List - Summary

Sort order: Customer No.

From: 6/1/2023 Through: 6/30/2023

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	(\$25.65)
	Water Delinquency	(\$10.00)
	Service Charge Charge	(\$74.37)
	Sewer Charge	(\$122.87)
		(\$232.89)
Delinquency	Water Interest	\$40.00
	Water Penalty	\$2,445.00
	Miscellaneous Interest	\$60.00
	Miscellaneous Penalty	\$10.00
	Miscellaneous Shutoff	\$25.00
	Service Charge Interest	\$700.00
	Service Charge Penalty	\$85.00
	Service Charge Shutoff	\$175.00
Sewer Penalty	\$110.00	
		\$3,650.00
Misc Chrg.	Miscellaneous (AF)	\$475.00
	Miscellaneous (BF)	\$1,200.00
	Miscellaneous (CLF)	\$50.00
	Miscellaneous (DHF)	\$20.00
	Miscellaneous (MISC)	\$50.00
	Miscellaneous (SOL)	\$50.00
	Service Charge (MISC)	\$13.80
Sewer (MISC)	\$7.60	
		\$1,866.40
Grand Total:		\$5,283.51

SANITARY OPERATIONS REPORT

July 13, 2023

Construction Projects

- Green Family Housing, 73 units, 4 buildings, ie Engineering.
 - Project delayed until this Fall for wetland approval.
- Tatone Harmony Duplexes, line extension, ie Engineering.
 - Construction has started on grading; sewer will be started later.

Collection System

- Hwy 42 Emergency Crossing.
 - The contractor has completed the project, everything went as smooth as possible.
 - TV inspection of the new installation complete, it looks great.
 - The first of 2 invoices has been delivered, \$144,578.48.
- Manhole inspections project 'H' Basin complete, starting on 'K' Basin in July.
- TV annual project.
 - 'H' Basin, flushing and CCTV complete, updating GIS with lateral location changes underway. Starting on 'K' Basin end of July.
- Inflow & Infiltration report complete and delivered to DEQ for the year.
- Updating GIS with some new features, still underway.

G4 and Pump Stations

- GAWSA Pump Stations ran well, with typical operation and maintenance.
- New Auto Dialer installed at G4 to update and duplicate call out system for emergencies.

Wastewater Treatment Plant and Properties

- Nothing new to report

Meetings and Conferences

- No meetings attended this month.

Lateral Inspections & GIS

- 10 Inspections.
 - 1404 Green Siding.
 - 3910, 3707, 3532, 3520, 3460 Carnes.
 - 1997 Castle.
 - 1558 Austin E.
 - 2054 Burdette, I&I Cross Connections & roots, working with customer for replacement.
 - 120 Sundance, New Connection, Back water valve required installation.
- Working with Eric at ODOT to update our GIS to improve our satalite count and elevations.

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

July 2023

Fire District #2 has been flushing hydrant's at their own pace. The crew is flushing our dead end lines as the Fire Department goes by, and as necessary due to customer complaints.

Operationally things are running very well, with typical leaks and maintenance throughout the district. We are shuffling manpower and projects around to accommodate vacation schedules, which is typical for this time of year.

We are slowly getting familiar with the treatment trailer and have come to the realization it will be a long process, but we also believe it has the potential to be a great asset for the community.

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 - June

June 2nd

- Digester # 1 foaming issues
 - Foaming has settled down and staff is slowly bringing the digester back up to normal operation. This will take several more weeks
 - We have ordered a Defoaming chemical to add to the digester. This will be kept on hand from here on out to use during digester upset situations
- Drying beds at the plant have begun to dry out and we have started to pick them up
- Waiting for haying season to be over so that we can begin hauling biosolids with the tanker
- 150-hour service performed on Bobcat
- Plant grounds maintenance
- Acid wash Microchlor system
- Work with TAG on automating effluent filter cleaning cycles
 - This is currently done manually by staff and consumes a huge amount of time during the day.

June 9th

- Digester defoaming agent arrived
 - Staff is working on a system to add the defoamer to the digester
- Lowered digester pressure relief setpoints and changed the digester gas settings pressure that gets burned off at the candle
- Influent building air supply fan motor had a bearing go out. Staff removed motor, replaced bearings, cleaned motor with degreaser and then baked in our oven to dry it.
- Finished emptying solids from clarifier # 1
- Filled drying beds
- Staff is set to begin hauling biosolids on 6-12-23

June 16th

- Began hauling liquid biosolids
- Haul Truck broke down after 1 load
 - Staff was able to determine the problem and fix the issue onsite
- Chlorine Leak finally found
 - It is in a difficult spot to fix as there are 2 lines next to the right of it, 1 line to the left of it, and the line itself is half buried in concrete. Staff is looking at options to fixing it, meanwhile we are dosing our chlorine directly to the contact basin
- Picked up and filled drying beds
- Began building a pad in front of digester # 2 that will aid in the cleaning of it over the next several months
- Facility Grounds Maintenance

June 23rd

- Hauled 117,000 gallons of liquid biosolids

WINSTON-GREEN REGIONAL WASTEWATER TREATMENT FACILITY
Weekly Reports - June

- Repaired 2 of the 3 chlorine leaks
- Began moving dirt to build a usable area in front of digester # 2 for when staff cleans the digester
- Replaced motor on influent building supply fan
- Filled drying beds
- Repaired leak in drying bed # 5

June 30th

- Hauled 40,500 gallons of liquid biosolids
- Filled Drying Beds 61,250 Gallons
- Continued moving dirt to in front of digester # 2
- Digester # 2 sludge pumped to Facc Tanks 1 & 2
- Removed Side hatch on digester # 2
 - This was our first look at the condition of the digester
 - Rags seem normal
 - Grit is significantly less that the last digester
 - The Liner on the roof has failed and repairs will need to be made
- Primary Clarifier # 2 Offline and drained
- Cleaned digester flame arrestor
- Dump Run

Winston- Green WWTF Staff Report

June 2023

General

1.) Plant Influent Flow (MG)	<u>2023</u>		<u>2022</u>	
<i>Winston</i>	16.62	48%	27.72	55%
<i>Green</i>	17.83	52%	22.73	45%
<i>Rainfall</i>	0.02		3.92	
<i>Chlorine (Gallons)</i>	17,559		20,791	

Laboratory

- 1.) June 2023 DMR, No permit violations
- 2.) Performed all DMR QA 43 tests

Operations

- 1.) Routine Operations- Daily Rounds
- 2.) Primary Clarifier 2 Offline & # 1 Online

Bio-Solids

- 1.) Drying Beds: 208743 gallons
- 2.) Land Application: 189,000 gallons
- 3.) Dried Biosolids:
 - Solids are tested and are ready to be hauled

Leachate

- 1.) 236,500 gallons, Douglas County was able to recirculate leachate within the landfi

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.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	318.07	306.10	6.492	630.67	28.36
GREEN + LANDERS		312.59			
APPORTIONMENT	50.43%	49.57%			
			100%		

WINSTON-GREEN WWTF

SYSTEM CLASSIFICATION: IV PERMIT # 100554
 COUNTY: DOUGLAS

POPULATION: 10000

TYPE: RBC / ACTIVATED SLUDGE
 FILE # 98400
 BIOSOLIDS

D	TOTAL FLOW MGD	INF PH	INF CBOD mg/l	INF SS mg/l	NH3 N EFF	TKN EFF	NO2 EFF	NO3 EFF	TOTAL P EFF	EFF PH	EFF TEMP MAX	EFF CBOD mg/l	% REM CBOD	LBS DIS	EFF SS mg/l	% REM SS	LBS DIS	CL2 RES mg/l	CL2 USED GAL.	ECOLI COL	BIOSOLIDS LAND gallons	DRYING BEDS gallons	RAIN FALL inches
1	1.209	7.5								6.9	19.9							0.05	499			44,400	
2	1.206	7.4	183	270	0.1					6.8	20.0	3.7	98%	37	3.0	99%	30	0.05	498				
3	1.238	7.4								6.9	20.2							0.05	492				
4	1.254	7.5								6.9	20.2							0.03	497				
5	1.196	7.3	252	609	<.015	2.23	0.02	18.1	6.3	6.8	20.5	3.2	99%	32	2.4	100%	24	0.04	493	84.7			
6	1.203	7.4								6.8	20.9							0.02	501			26,250	
7	1.202	7.2	286	550	<.015					6.8	20.9	3.7	99%	37	2.0	100%	20	0.03	685				
8	1.126	7.3								6.8	21.0							0.05	616	<1			
9	1.177	7.3	235	458						6.5	21.1	3.7	98%	36	2.4	99%	24	0.05	612				
10	1.156	7.3								6.8	21.2							0.04	604				
11	1.196	7.4								6.8	21.3							0.05	615				
12	1.144	7.4	207	387	<.015	3.57	0.11	19.9	12.8	6.9	21.4	3.7	98%	35	3.6	99%	34	0.06	604		9,000	16,030	
13	1.154	7.5								6.9	21.9							0.05	603	1.0		22,500	
14	1.143	7.5	260	528	<.015					7.0	21.4	3.3	99%	31	2.8	99%	27	0.04	608		13,500		
15	1.153	7.3								6.8	21.3							0.06	606	<1		13,500	
16	1.055	7.4	261	780						6.8	21.7	3.6	99%	32	2.8	100%	25	0.04	606		27,000		
17	1.091	7.0								6.6	21.7							0.05	605				
18	1.196	7.1								6.6	21.1							0.05	607				0.01
19	1.162	7.4	229	396	<.015	3.26	0.05	17.5	10.9	6.8	20.9	3.5	98%	34	3.8	99%	37	0.05	606	40.4			0.01
20	1.125	7.4								7.0	21.2							0.05	599	4.1		22,500	
21	1.148	7.3	253	473	<.015					6.8	21.5	3.0	99%	29	4.3	99%	41	0.04	580		13,500	22,050	
22	1.163	7.4								6.9	21.9							0.04	590			18,000	10,175
23	1.072	7.4	201	497						6.9	22.1	4.3	98%	38	3.6	99%	32	0.06	610		9,000		
24	1.074	7.1								6.8	22.0							0.05	605				
25	1.176	7.5								7.0	22.0							0.04	614				
26	1.084	7.4	245	386	0.06	2.25	0.02	18.1	13.5	7.0	22.3	5.7	98%	52	3.6	99%	33	0.06	601	12.1	13,500		
27	1.126	7.3								7.0	22.5							0.04	606	<1		4,500	10,000
28	1.028	7.6	241	549						7.0	22.8	3.3	99%	28	3.4	99%	29	0.04	599				
29	1.090	7.5								7.0	23.0							0.05	598			22,500	9,250
30	1.101	7.4	325	737	0.23					6.9	23.2	4.4	99%	40	3.0	100%	28	0.06	600				70,588
TOT	34.45													462			383	#####			189,000	208,743	0.02
MAX	1.254	7.6	325	780	0.23	3.57	0.11	19.9	13.5	7.0	23.2	5.7	99%	51.5	4.3	100%	41.2	0.06	685	84.7	27,000	70,588	0.01
MIN	1.028	7.0	183	270	0.06	2.23	0.02	17.5	6.3	6.5	19.9	3.0	98%	28.3	2.0	99%	20.0	0.02	492	1.0	4,500	9,250	0.01
AVG	1.148	7.4	244	509	0.13	2.83	0.05	18.4	10.9	6.8	21.4	3.8	98%	35.6	3.1	99%	29.4	0.05	585		15,750	26,093	0.01
LBS AVG																							39.05

EXCESS THERMAL LOAD WEEKLY AVG. Mkcals/day	EFF TEMP @ WEEKLY AVG.
4	12.7
11	15.1
18	15.1
25	19.3

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 -

Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH
6/1	11:00 AM	392	8.20	6/2	8:50 AM	465	8.32	6/3	10:30 AM	643	8.24
6/1	1:30 PM	392	8.04	6/2	10:29 AM	465	8.21	6/3	12:17 PM	643	8.17
6/1	2:30 PM	392	8.05								

Total Gallons: 16,500 3 Total Gallons: 11,000 2 Total Gallons: 11,000 2

Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH
6/4		399	8.77	6/5	7:15 AM	476	8.27	6/7	2:15 PM	437	8.14
6/4		399	8.29	6/5	1:00 PM	476	8.10	6/7	3:45 PM	437	8.09
				6/5	2:15 PM	476	8.01				
				6/5	4:00 PM	476	8.01				

Total Gallons: 11,000 2 Total Gallons: 22,000 4 Total Gallons: 11,000 2

Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH
6/9	7:15 AM	558	8.36	6/10	7:05 AM	440	8.28	6/11	7:00 AM	452	8.30
6/9	9:00 AM	558	8.28	6/10	8:25 AM	440	8.25	6/11	8:20 AM	452	8.26
6/9	10:10 AM	558	8.25	6/10	9:30 AM	440	8.23	6/11	9:30 AM	452	8.25
								6/11	10:45 AM	452	8.23

Total Gallons: 16,500 3 Total Gallons: 16,500 3 Total Gallons: 22,000 4

Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH
6/12	9:45 AM	436	8.27	6/16	7:36 AM	530	8.30	6/18	7:45 AM	485	8.35
				6/16	9:00 AM	530	8.25	6/18	9:20 AM	485	8.29
								6/18	10:22 AM	485	8.30

Total Gallons: 5,500 1 Total Gallons: 11,000 2 Total Gallons: 16,500 3

Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH
6/21	7:20 AM	533	8.32	6/25	7:15 AM	478	8.36	6/26	7:00 AM	600	8.36
6/21	8:50 AM	533	8.27	6/25	9:00 AM	478	8.29	6/26	8:30 AM	600	8.31
6/21	10:10 AM	533	8.22					6/26	9:35 AM	600	8.28
								6/26	11:00 AM	600	8.24
								6/26	12:00 PM	600	8.21

Total Gallons: 16,500 3 Total Gallons: 11,000 2 Total Gallons: 27,500 5

Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH
6/28	10:00 AM	514	8.25	6/29	11:45 AM	574	8.20				

Total Gallons: 5,500 1 Total Gallons: 5,500 1 Total Gallons: 0 0

Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH	Date	Pick up	mg/l	PH

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

TOTAL TICKETS: 43
TOTAL GALLONS/MONTH: 236,500
 \$4,730