



Roseburg Urban Sanitary Authority
1297 N.E. Grandview Drive
Roseburg, OR 97470

REGULAR MONTHLY BOARD MEETING
September 9, 2020

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**Roseburg Urban Sanitary
Authority**
1297 N.E. Grandview Drive
Roseburg, OR 97470

**September 9th, 2020
RUSA Board Room
4:00 p.m.**

NOTICE

The September 9th Board meeting will be held at RUSA's Administrative office. The Board Meeting will also be broadcast by Zoom® Meeting. The link to the meeting will be posted on Roseburg Urban Sanitary Authority's web site, rusa-or.org

AGENDA REGULAR MONTHLY BOARD MEETING

Board of Directors

John Dunn, Chair
David Campos

Kelsey Wood

Rob Lieberman, Vice Chair
Jerry Griese

- 1. Call to Order – John Dunn, Board Chair**
- 2. Roll Call**
- 3. Consider Minutes**
 - a. August 12th, 2020 Board Meeting
- 4. Jacobs Out of Scope Agreement.**
 - a. Additional services agreement to design the electrical and pneumatic system for the Bio-Solids storage building expansion project.
- 5. General Managers Report**
 - a. Winchester Pump Station Force Main Replacement
 - b. Hooker Road Rehabilitation Project
 - c. Douglas Avenue Project, City of Roseburg
 - d. Biosolids Building Expansion, Conveyor Installation
 - e. Emergency Preparedness
- 6. New Development**
- 7. Staff Report**
- 8. Jacobs (ch2m) Plant Operations Report**
- 9. Accounts Payable**
- 10. Other Business**

AMERICANS WITH DISABILITIES ACT NOTICE

Please contact the Authority's Finance Department, 1297 NE Grandview Dr., Roseburg, OR 97470 or by Phone 541-672-1551 at least 48 hours prior to the scheduled meeting time if you need an accommodation.



Roseburg Urban Sanitary Authority
1297 N.E. Grandview Drive
Roseburg, OR 97470

**MINUTES OF THE REGULAR BOARD MEETING
OF THE BOARD OF DIRECTORS OF
ROSEBURG URBAN SANITARY AUTHORITY**

Board Chair, John Dunn, called the regular monthly Board Meeting to order at 4:02 p.m. on August 12, 2020 at 1297 NE Grandview. The Board Meeting was also broadcast by Zoom® Meeting.

ROLL CALL

Directors

Present: Board Chair John Dunn, Rob Lieberman, Jerry Griesse, David Campos and Kelsey Wood

Absent:

Others present: General Manager Jim Baird, Finance Director Christine Morris, Office Assistant Harmony Williams, Engineering Tech III Ryon Kershner, Collections Superintendent Steve Lusch, Information Technology System Administrator David Fromdahl and Jacobs Project Manager Jade Mecham.

Consideration of the July 8, 2020 Regular Monthly Board Meeting Minutes.

Jerry Griesse moved to approve the minutes for the July 8, 2020 Roseburg Urban Sanitary Authority Regular Monthly Board Meeting.
Kelsey Wood seconded the motion.
The motion passed unanimously.

Vote By Roll Call

Chairman Dunn requested "Roll Call" for the motion to approve the July 8, 2020 minutes:

John Dunn	Yes
Rob Lieberman	Yes
Jerry Griesse	Yes
Kelsey Wood	Yes
David Campos	Yes

The motion was passed with a 5/0 vote.

Resolution No. 20-05

Staff presented Resolution 20-05 A Resolution Establishing a Remote Public Meetings Policy.

David Campos moved to approve Resolution 20-05.
Rob Lieberman seconded the motion.

Vote By Roll Call

Chairman Dunn requested "Roll Call" for the motion to approve Resolution 20-05:

John Dunn	Yes
Rob Lieberman	Yes
Jerry Griesse	Yes
Kelsey Wood	Yes
David Campos	Yes

The motion was passed with a 5/0 vote.

Agreement with Green Sanitary District

Staff negotiated a sale price with Green Sanitary District for the 2005 Camel Combination Sewer Cleaning Truck. The offer that was made by Green Sanitary District was \$68,000. Staff recommended the Board approve the sale of the 2005 Camel Combination Sewer Cleaning Truck to Green Sanitary District in the amount of \$68,000.

Rob Lieberman moved to approve the Agreement between RUSA and Green Sanitary District to sell the 2005 Camel Combination Sewer Cleaning Truck for \$68,000.
Jerry Griesse seconded the motion.

Vote By Roll Call

Chairman Dunn requested "Roll Call" for the motion to approve the RUSA and Green Agreement:

John Dunn	Yes
Rob Lieberman	Yes
Jerry Griesse	Yes
Kelsey Wood	Yes
David Campos	Yes

The motion was passed with a 5/0 vote.

General Managers Report

Winchester Pump Station Force Main Replacement Project

The Contractor is working to complete the punch list items. We are working with Douglas County to finalize outstanding change orders and a final invoice.

Hooker Road Rehabilitation Project

RUSA is reviewing the plans and specification. The tentative schedule is to put the project out for bidding in August with construction to begin in September or October.

Douglas Avenue Project

RUSA entered into an agreement with Civil West, the design firm for the road reconstruction project, to include the replacement of the sanitary sewer gravity system in the project. The plans, specifications and constructions estimate are scheduled to be completed in November of 2020.

Biosolids Building Expansion, Conveyor Installation

We are working with Rogers Engineering to develop a bid package for the installation of the new conveyor system for the new expansion of the Biosolids building.

Emergency Preparedness

RUSA has drafted an Intergovernmental Agreement with the City of Roseburg to utilize the City's fueling station to use when there is a power outage and commercial options are not available.

Jacobs Plant Operations Report

Jade Mecham reported the treatment facility averaged 98% CBOD removal and 96% Total Suspended Solids removal during July. The total Effluent flow was 84.86 million gallons all of which went to the Natural Treatment System.

Accounts Payable

The Board reviewed the Accounts Payable Report and Addendum for the August, 2020 Accounts Payable.

Jerry Griese moved to approve the Accounts Payable Report and Addendum as presented. David Campos seconded the motion.

Vote By Roll Call

Chairman Dunn requested "Roll Call" for the motion to approve the Accounts Payable Report and Addendum:

John Dunn	Yes
Rob Lieberman	Yes
Jerry Griese	Yes
Kelsey Wood	Yes
David Campos	Yes

The motion was passed with a 5/0 vote.

Other Business

Staff presented a Draft Contingency Plan regarding the possible extended absence of the General Manager.

Several surplus items have sold recently totaling approximately \$15,400.00 to date.

Staff presented a demonstration of the SCADA System for monitoring the pump stations.

Respectfully submitted,

A handwritten signature in blue ink that reads "Harmony Williams". The signature is written in a cursive, flowing style.

Harmony Williams
Office Assistant



INTEROFFICE MEMORANDUM

TO: RUSA BOARD
FROM: JIM BAIRD, GENERAL MANAGER
SUBJECT: JACOBS OUT OF SCOPE AGREEMENT
DATE: 9/03/20
CC:

Jacobs has offered an Out of Scope Agreement for the design of an electrical and pneumatic system for the three new conveyors at the Bio-Solids Storage Facility. The agreement is for a not to exceed amount of \$38,000, which is cost plus 15%.

The design will add the operation of the three new screw conveyors and the air gates for each conveyor. A new motor control center will be included to operate all the conveyors to expand the system and provide for flexibility in operating the entire conveyor system.

Jacobs will produce specifications and plans for the new equipment and make additions and upgrades to the SCADA system to include the operation of the system.

Staff would recommend that the Board approve the agreement with Jacobs for an Out of Scope Agreement, for the design of the electrical and pneumatic system for the new screw conveyors, in an amount not to exceed \$38,000.

GENERAL MANAGERS REPORT

Date: 9/03/20
To: Roseburg Urban Sanitary Authority, Board of Directors
From: James V. Baird, General Manager
Re: General Managers Informational Report to the Board

Winchester Pump Station Force Main Replacement Project

We are working with Douglas County to finalize outstanding change orders, final invoice and working to close out the project.

Hooker Road Rehabilitation Project

RUSA is reviewing the contract document general conditions and technical specifications.

Douglas Avenue Project

Civil West is working on the plans and specifications for replacement of the sanitary sewer gravity system in the project. The plans, specifications and construction estimate are scheduled to be completed in November of 2020.

Biosolids Building Expansion, Conveyor Installation

Rogers Engineering is completing the documents for the installation of the new conveyor system for the new expansion of the Biosolids building.

We are working with Jacobs to develop the electrical and pneumatic design to include the three new screw conveyors and increase the operational flexibility of the two existing conveyors.

Emergency Preparedness

RUSA has entered into an Intergovernmental Agreement with the City of Roseburg to utilize the City's fueling station when there is a power outage and commercial options are not available. We have been granted access to the public works shop and been issued cards for the unleaded and diesel fuel tanks.

ROSEBURG URBAN SANITARY AUTHORITY

NEW DEVELOPMENTS AND PROJECTS

DEVELOPMENTS:

- Harvard West Phase II – short mainline extension to serve a new commercial building - under review

PRELIMINARY DESIGN:

- Loma Vista Pump Station Improvement Study
- Tabor – Military Avenue partition
- Kenwood Tabor PUD
- Neighborworks Apartment -preliminary design for a mainline extension
- Rosemary Subdivision

PROJECTS:

- Oak Springs Apartments Beginning on Pomona Street-Sewer is installed. Testing not complete.
- Hanna Heritage Plaza – The sewer mains have been installed testing is underway.
- Thyme Subdivision – Sewer Mainline almost complete. Laterals still need to be complete.

ROSEBURG URBAN SANITARY AUTHORITY

AUGUST 2020 STAFF REPORTS

COLLECTION DEPARTMENT:

- Completed 28 work orders.
- Completed CCTV and cleaning of 16,591 feet or 3.14 miles of mainline.
- Cleaned 7,621 feet or 1.4 miles of mainline.
- Completed 43 manhole inspections.
- Completed monthly trouble spot inspections.
- Completed Wet Well cleaning and Drawdown Testing for the Winchester and S. Bank Lift Station.
- Completed improvements to the NTS Lower Zone 2 berm.
- Cleaned Pine St Bunker.
- Conducted monthly staff training on the RUSA Lock Out program.
- Conducted Quarterly Fleet and Facility inspections.

ENGINEERING DEPARTMENT:

- Completed 236 underground utility locate requests.
- Issued 8 permits and completed 7 inspections.
- Hwy 99 pressure main project is completed, currently the Contractor is working on the punch list items.
- Fog Inspections – Dutch Brothers on Garden Valley- OK, Kims Cupcakery-OK, 7 Thai needs pumped, Greg is working with them.

FINANCE DEPARTMENT:

- Vacancy Credits: 4 were processed for a total of \$418.50 in August.
- Credit cards/eChecks: 915 payments totaling \$48,845.28 were collected in August. 63 payments were received by voice response system, 1 payment received at the counter and 851 on-line.
- Automatic Payments: 2,060 customer accounts are signed up. Received \$81,778.75 or approximately 14.9% of monthly billing.

SAFETY COMMITTEE:

- Completed the annual review of the PPE Program.



TO: Jim Baird, General Manager-RUSA
FROM: Jade Mecham, Project Manager
DATE: September 3, 2020
SUBJECT: August 2020 Monthly Report

OPERATIONAL ACTIVITIES

- We met all permit parameters this month.
- The treatment facility averaged 99% CBOD removal was 97% Total Suspended Solids Removal during the month with a requirement of no less than 85% removal for each.
- The facility electrical consumption (based on meter readings) for August 2020, was 220,000 KWHRS with a total Effluent flow of 83.54 million gallons all of which went to the Natural Treatment System (Outfall 002). The August 2019 electrical consumption was 241,000 with a total Effluent flow of 90.67 million gallons all of which went to the Natural Treatment System (Outfall 002).
- A biosolids site that receives liquid biosolids was finished and a site that receives dewatered biosolids in Wilbur was started.
- One of the probes for monitoring river pH, temperature and dissolved oxygen was found pulled out of the river and laying on the embankment, it was relaunched.

PRETREATMENT ACTIVITIES

The following pretreatment inspections were completed in August:

- Dentist Dr. Lee: This office had recently re-located, and this was a verification inspection for the amalgam separator installation.
- Diamond Lake Car Wash: The down stream manhole looked Ok for hydrocarbon build up and the sumps in the car wash area were Ok.
- Abby's Diamond Lake Blvd: The downstream manhole showed very little FOG buildup.
- Subway on Stewart Parkway: The manhole downstream was Ok, with very little FOG.
- DC Farmers Coop Mini Mart: The manhole downstream was Ok, with very little FOG.

NATURAL TREATMENT SYSTEM (NTS)

- The irrigation schedule is adjusted as needed to maintain pond level and work at better water quality.
- An additional 300 feet of 1.5 inch irrigation line was added in zone 3L1 to provide more sprinklers and supply water to the nearby wetlands area.

MAINTENANCE ACTIVITIES

LIFT STATIONS

- Total Flow from all Lift Stations for the month - 50 Million Gallons
- Average Daily Flow from all Lift Stations per day - 1.8 Million Gallons

MAINTENANCE

- Replaced the water tank for the Slinger truck.
- Made Tinted UV sun covers for all the Ultrasonic level meters at the plant.
- Replaced the chlorine static mixer and unions.
- Installed an Air hose retractable reel for the Screw Press building.
- Had the boiler gas valve replaced and adjusted.
- Replaced the Labs Di water tank valve.
- Replaced the UPS for the SCADA at the Natural Treatment System.
- Replaced both VFDs for the sludge loading pumps.
- Had the motor rewound for the #2 plant air compressor.

LABORATORY ACTIVITIES

- We are in our normal summer testing which requires: CBOD's 3 times a week, TSS 3 times a week, pH daily, Chlorine Residual Daily average, Ammonia 3 times week, E. Coli 3 times a week, Nitrate once a week, TKN once a week, and Total Phosphorus once a week.
- The Eureka probes are placed in SW1, SW5, and SW6, to continuously monitor pH, Temp., and D.O.
- Also included for the summer is Total Phosphorus (PO4) for the NTS, which is sampled at SW1, SW5, and SW6 once a week and once a month at MW1.
- When discharging from the pond we sample daily for PO4 at SW5.
- Number of Tests for permit: 133
- Eureka probes were downloaded, calibrated and deployed at SW1, SW6, and SW5, on August 4th and August 18th. Probes were pulled, downloaded and recalibrated and redeployed.
- On August 19th lab water was sampled and sent out to the lab.
- Ran tests on DMR-QA samples and reported data to ERA on August 25th.

PERSONNEL/COMMUNITY SERVICE ACTIVITIES

- None to report.

UPCOMING EVENTS

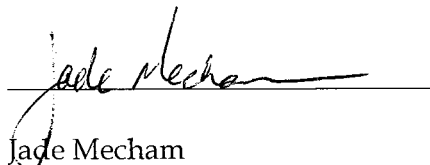
OPERATIONS/NTS:

- Request bids for the cleaning of the #2 secondary digester.
- Finish application of the dewatered biosolids.
- River/NTS sampling and monitoring.

MAINTENANCE:

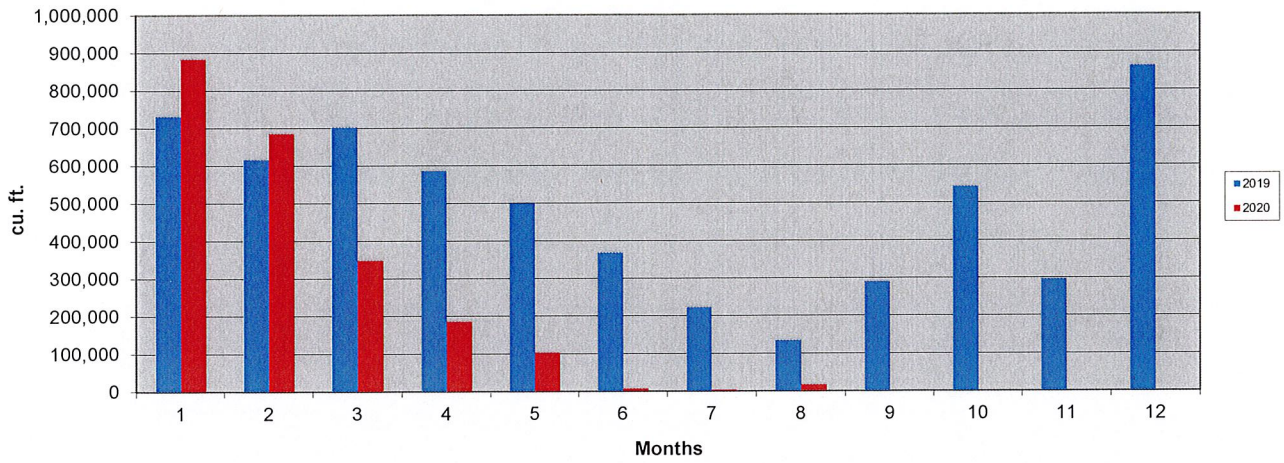
- Work on the Pretreatment Ventilation fan install.
- Rebuild Highland Pump #2
- Rebuild Anammox Waste Pump

Enclosures: Boiler/Flare Gas Usage graphs
 Influent TSS/CBOD and Effluent Flow Graphs
 12 Month Moving Avg.
 Violation Sum-Limit Report

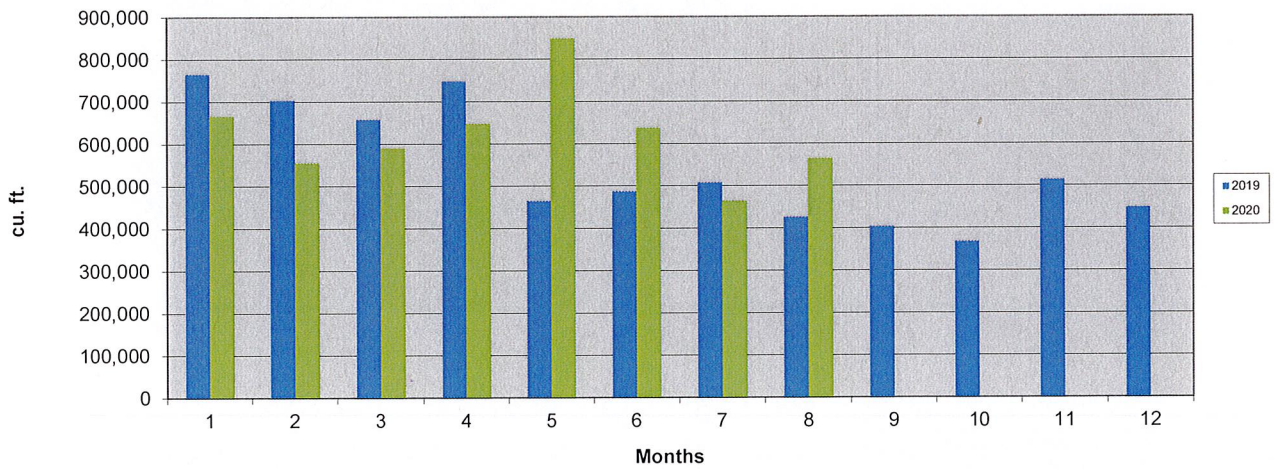
A handwritten signature in black ink, appearing to read "Jade Mecham", is written over a horizontal line.

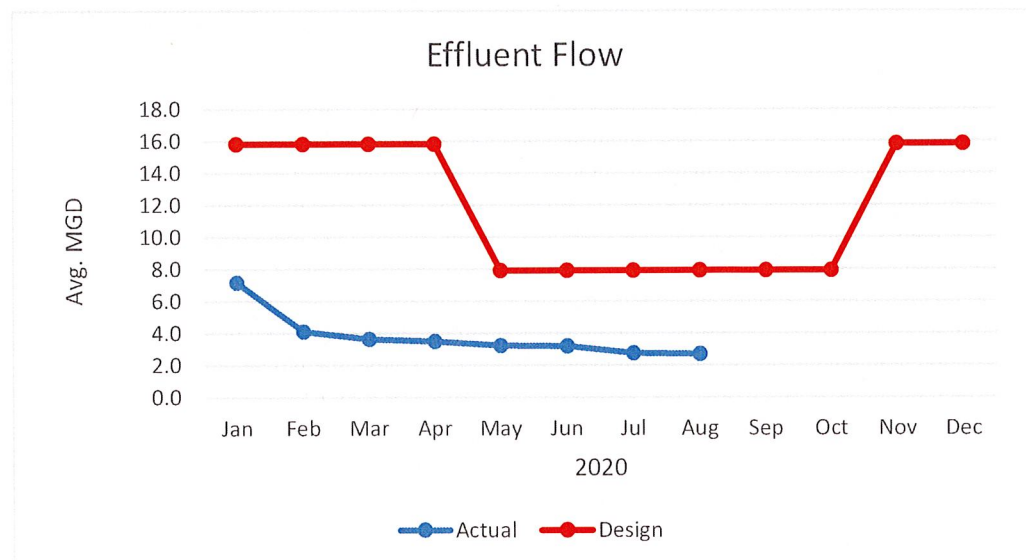
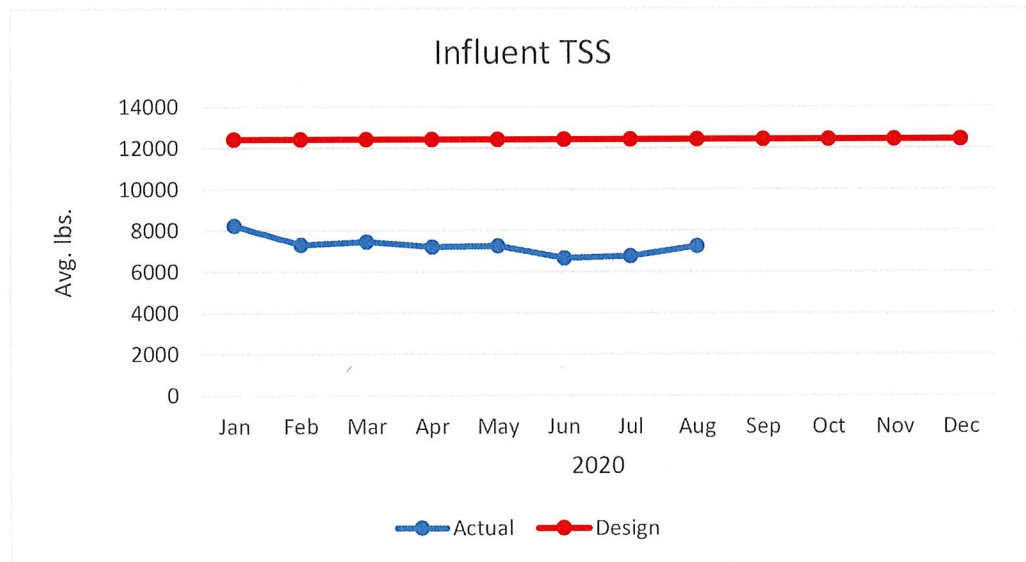
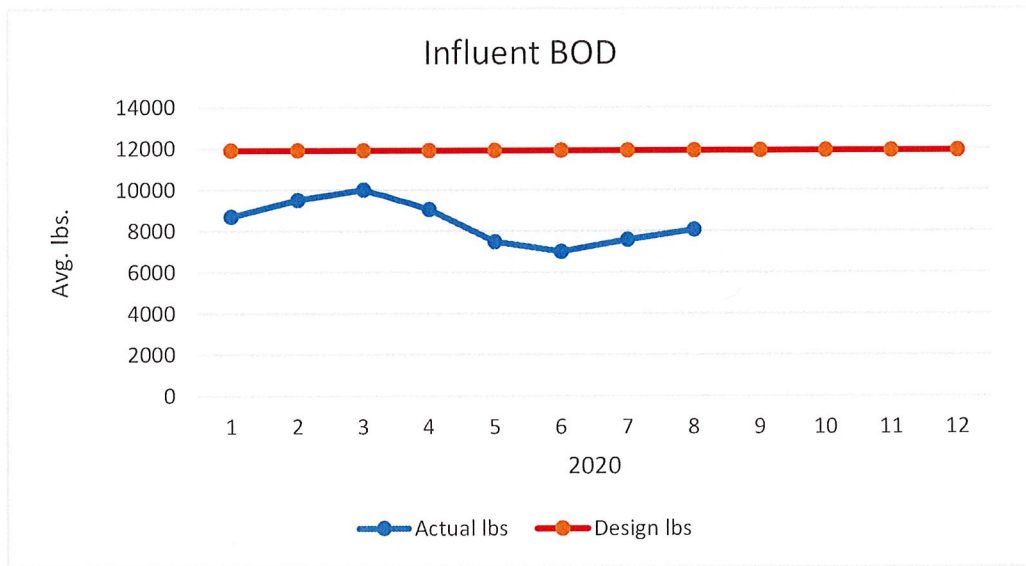
Jade Mecham
Project Manager
Jacobs

BOILER GAS USAGE



FLARE GAS USAGE





12 MONTH MOVING AVERAGES

Month/Year	Plnt Inf Q Average MGD	Plnt Inf Average lbs/day CBOD /BOD	Plnt Inf Average lbs/day TSS
Sep-19	3.20	6804	6772
Oct-19	2.83	6455	6594
Nov-19	2.79	10346	9195
Dec-19	4.11	9114	7470
Jan-20	7.16	8698	8222
Feb-20	4.14	9506	7296
Mar-20	3.63	9995	7443
Apr-20	3.51	9051	7202
May-20	3.22	7471	7250
Jun-20	3.19	6995	6651
Jul-20	2.75	7571	6750
Aug-20	2.69	8052	7224
SUM	43.22	100058	88069
AVE	3.60	8338	7339
MAX	7.16	10346	9195
MIN	2.69	6455	6594

Limit Summary: (** designates values exceeding limit)
No values exceeding limit.

Location/Parameter	Units	Limit	Actual
Plnt Ef - C BOD			
BOD Nit Inh 5 - BOD Nitrogen Inhib Tot 5 Day			
Average	MG/L	10.00	4.58
Max Weekly Avg (Wed Rule) , 8/23/2020	MG/L	15.00	5.00
Average Loading	lb/day	660.00	
Max Weekly Avg (Wed Rule) Loading	lb/day	990.00	
Plnt Ef - Effluent			
BOD Nit Inh 5 - BOD Nitrogen Inhib Tot 5 Day			
Maximum Loading	lb/day	1300	
Plnt Ef - C BOD			
pH Lab - pH Lab Standard Units			
Minimum , 8/17/2020	S.U.	6.30	6.95
Maximum , 8/1/2020	S.U.	8.50	7.38
Plnt Ef - C BOD			
Solids TSS - Total Suspended Solids TSS			
Average	MG/L	10.00	8.33
Max Weekly Avg (Wed Rule) , 8/16/2020	MG/L	15.00	10.00
Average Loading	lb/day	660.00	
Max Weekly Avg (Wed Rule) Loading	lb/day	990.00	
Plnt Ef - Effluent			
Solids TSS - Total Suspended Solids TSS			
Maximum Loading	lb/day	1300	
Plnt Ef - C BOD			
Cl2 Residual - Chlorine Total Residual			
Average	MG/L	NA	
Efncy Pr - Plant Efficiency Process			
CBOD Removal - % Removal Efficiency			
CBOD % Rem	%	<85	99
Efncy Pr - Plant Efficiency Process			
TSS Removal - % Removal Efficiency			
TSS % Rem	%	<85	97
Plnt Ef - Effluent			
Nh3 N Ammonia - Nitrogen Ammonia Total As N			
Average	MG/L	NA	17
Maximum , 8/6/2020	MG/L	na	28
Plnt Ef - Effluent			
E Coli - E Coli			
Average	MPN	126	6
Maximum , 8/27/2020	MPN	406	40
Plnt Ef - Effluent			
XS Therms - Excess Thermal Load			
Maximum	MKCal	na	

CASH DISBURSEMENT RECAP BOARD MEETING SEPTEMBER 9, 2020

Cash Disbursements Since the Last Board Meeting

All Funds:

Total of Prepaid Checks & ACH Transactions	93,380.53
Total of Regular Checks & ACH Transactions	<u>216,819.44</u>

Total Expenditures (not including Payroll)	<u>310,199.97</u>
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Payroll:

Net Payroll - August 2020	65,736.27
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All Checks & ACH Transactions since the Board Meeting of August 12, 2020	<u>375,936.24</u>
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Accounts Payable

Checks by Date - Detail by Check Date

User: christine
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Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
ACH	02669	PERS Deposit	08/31/2020	
	AUG 20 PR	PR Batch 00001.08.2020 PERS - Not W/Held	PR Batch 00001.08.2020 PER	8,471.84
	AUG 20 PR	PR Batch 00001.08.2020 PERS Pick-Up	PR Batch 00001.08.2020 PER	799.14
	AUG 20 PR	PR Batch 00001.08.2020 OPSRP-Not W/Held	PR Batch 00001.08.2020 OPS	7,984.98
	AUG 20 PR	PR Batch 00001.08.2020 PERS W/Held	PR Batch 00001.08.2020 PER	4,935.18
Total for this ACH Check for Vendor 02669:				22,191.14
ACH	ASIFLEX	ASIFlex	08/31/2020	
	AUG 20 PR	PR Batch 00001.08.2020 Flexible Spending Acco	PR Batch 00001.08.2020 Flex	1,339.18
Total for this ACH Check for Vendor ASIFLEX:				1,339.18
ACH	DNB	Internal Revenue Service	08/31/2020	
	AUG 20 PR	PR Batch 00001.08.2020 Federal Income Tax	PR Batch 00001.08.2020 Fed	7,083.67
	AUG 20 PR	PR Batch 00001.08.2020 FICA - Employee	PR Batch 00001.08.2020 FIC	5,994.51
	AUG 20 PR	PR Batch 00001.08.2020 FICA - Employer	PR Batch 00001.08.2020 FIC	5,994.51
	AUG 20 PR	PR Batch 00001.08.2020 Medicare - Employee	PR Batch 00001.08.2020 Med	1,401.93
	AUG 20 PR	PR Batch 00001.08.2020 Medicare - Employer	PR Batch 00001.08.2020 Med	1,401.93
Total for this ACH Check for Vendor DNB:				21,876.55
ACH	OR-Rev	Oregon Dept. of Revenue	08/31/2020	
	AUG 20 PR	PR Batch 00001.08.2020 Oregon W/Held	PR Batch 00001.08.2020 Ore	5,487.26
Total for this ACH Check for Vendor OR-Rev:				5,487.26
49811	CIS INS	CIS Trust	08/31/2020	
	AUG 20 PR	PR Batch 00001.08.2020 CCIS Insurance AD&I	PR Batch 00001.08.2020 CCI	22.65
	AUG 20 PR	PR Batch 00001.08.2020 Dental & Vision	PR Batch 00001.08.2020 Den	3,315.60
	AUG 20 PR	PR Batch 00001.08.2020 Voluntary Dependent I	PR Batch 00001.08.2020 Vol	34.58
	AUG 20 PR	PR Batch 00001.08.2020 Voluntary Life Insuran	PR Batch 00001.08.2020 Vol	339.79
	AUG 20 PR	PR Batch 00001.08.2020 Life Insurance - er	PR Batch 00001.08.2020 Life	117.58
	AUG 20 PR	PR Batch 00001.08.2020 Life Insurance - Spous	PR Batch 00001.08.2020 Life	176.13
	AUG 20 PR	PR Batch 00001.08.2020 CCIS Insurance Long-	PR Batch 00001.08.2020 CCI	242.31
	AUG 20 PR	PR Batch 00001.08.2020 Medical Ins w/RX	PR Batch 00001.08.2020 Med	29,476.84
	AUG 20 PR	PR Batch 00001.08.2020 Short-Term Disability	PR Batch 00001.08.2020 Sho	124.51
Total for Check Number 49811:				33,849.99
49812	PEBS CO	Nationwide Retirement Solutions	08/31/2020	
	AUG 20 PR	PR Batch 00001.08.2020 Nationwide-Deferred C	PR Batch 00001.08.2020 Nati	5,180.00
Total for Check Number 49812:				5,180.00
49813	CENTURY	CenturyLink	08/31/2020	
	AUG 2020 Fax/Al	Along phone service for fax and alarm system		128.12
	AUG 2020 NTSG	Along phone service for gate at NTS		56.92
Total for Check Number 49813:				185.04

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
49814	UB*00043	MARIANNE MARSH Refund Check	08/31/2020	30.00
Total for Check Number 49814:				30.00
49815	SHRED-IT 8180296059	Shred-It USA Monthly document shredding services	08/31/2020	71.50
Total for Check Number 49815:				71.50
49816	USPS Aug 2020	US Postal Service Postage to mail monthly utility bills	08/31/2020	2,482.35
Total for Check Number 49816:				2,482.35
49817	VERIZON 9860762551 9860762559	Verizon Wireless Wireless telephone services Wireless service for CCTV Van	08/31/2020	648.50 39.02
Total for Check Number 49817:				687.52
Total for 8/31/2020:				93,380.53
Report Total (11 checks):				93,380.53

Accounts Payable

Checks by Date - Detail by Check Date

User: christine
Printed: 9/4/2020 11:06 AM



Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
ACH	STAPLES	Staples Credit Plan	09/09/2020	
	2591650071	Field planners for crew		107.94
	2594032121	Speakers for Steve		99.00
	2617805291	Paper and misc office supplies		187.35
	2620218711	Laminating pouches		39.99
Total for this ACH Check for Vendor STAPLES:				434.28
49818	WP Aug 2020	Avista Utilities Natural gas service	09/09/2020	29.93
Total for Check Number 49818:				29.93
49819	BANNERMC	BANNER BANK	09/09/2020	
	AA 080620	Pitney Bowes - Postage machine quarterly lease		94.50
	AA 081920	Costco - Kitchen/office supplies		139.96
	DF 080420	Amazon - Webcam for Crew to do online short s		154.95
	DF 081420	Show Me Cables - Patch cords for switch upgrad		64.00
	DF 081920	Network Solutions - Email acct for admin of rus		11.39
	DF 082020	Zoom - Electronic meeting platform for board m		54.99
	DF 082320	Dell - Rails to mount switch in backup server roc		138.70
	DF 082820	Newegg - High speed external SSD for John's Gl		270.99
	GO 080520	Coastal Farm - Boots for Greg		135.99
	HW 081220	Safeway - Cookies for Board Meeting		10.00
	JJB 081120	Rite Aid - Spray soap to find leaks		4.99
	JJB 081920	Prints Charming - RUSA shirts for John		37.50
	JJB 081920	Prints Charming - RUSA shirts for John		20.00
	JJB 082520	State of OR DCBS - PIS test app for John		80.00
	KB 081120	Little Caesars - Lunch for OR Op Conf attendees		38.37
	KB 081320	Subway - Lunch for OR Op Conf attendees		39.99
	MC 082020	Home Depot - Parts for B6 repair		9.23
	MC 082120	Home Depot - Concrete forms & stakes for Bour		147.99
	MC 082420	Home Depot - Concrete adhesive for Bourbon St		31.94
	SL 080320	UCC - OR Op Conf - JB, SL, GO, KB, KV, MC,		2,150.00
	SL 080620	Double R Powder Coating - Powder Coat Tool R		75.00
	SL 082020	SA Company - Face shields		47.00
Total for Check Number 49819:				3,757.48
49820	BHEC	Bassett-Hyland Energy Company	09/09/2020	
	CL91980-IN	Vehicle fuel 8/1 - 8/15		577.63
	CL92238-IN	Vehicle fuel 8/16 - 8/31		906.05
Total for Check Number 49820:				1,483.68
49821	OMI	CH2MHill OMI	09/09/2020	
	351289-033	Contract Service-per agreement		126,710.64
Total for Check Number 49821:				126,710.64

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
49822	DRAUTO	D & R Auto & Truck Supply Corp	09/09/2020	
	917304	Car wash		55.98
	917816	DEF fluid		19.78
	919197	Transfer tank filter		24.89
	921947	Soldering wire		9.99
Total for Check Number 49822:				110.64
49823	DCPW	Douglas County Solid Waste	09/09/2020	
	Ticket #561435	Grit pit cleanout		598.60
Total for Check Number 49823:				598.60
49824	DFN	Douglas Fast Net	09/09/2020	
	Sept 2020 Admin	Internet Services-Admin	Service: 14806	213.49
	Sept 2020 High	Internet Services-Highland PS	Service: 105797	74.91
	Sept 2020 Host	Admin Hosting		10.28
	Sept 2020 Keady	Internet Services-Keady Ct	Service: 106289	74.91
	Sept 2020 NBank	Internet Services-No. Bank PS	Service: 105793	71.91
	Sept 2020 NTS	Internet Services-NTS	Service: 23920	56.36
	Sept 2020 Ph/Ca	Phones/Security Cams	Service: 141784	98.01
	Sept 2020 Wilb1	Internet Services-Wilbur 1 PS	Service: 105796	74.91
	Sept 2020 Wilb2	Internet Services-Wilbur 2 PS	Service: 105794	71.91
	Sept 2020 Winch	Internet Services-Winchester P	Service: 105795	74.91
Total for Check Number 49824:				821.60
49825	EARTH	EARTH20	09/09/2020	
	272381	Bottled water delivery		76.74
Total for Check Number 49825:				76.74
49826	FLURY	Flury Supply Company	09/09/2020	
	E 6762	Plumb water tank		181.55
	E 6797	Root X Applicator hose replacement		75.27
Total for Check Number 49826:				256.82
49827	GENEQ	General Equipment Company	09/09/2020	
	74005	Leader hose		154.81
Total for Check Number 49827:				154.81
49828	GRAPHDIM	Graphic Dimensions, Inc.	09/09/2020	
	2879	Cut utility bills to mailing size		37.50
Total for Check Number 49828:				37.50
49829	HANDY	Handyman Hardware	09/09/2020	
	112837	Mount for water tank		45.12
Total for Check Number 49829:				45.12
49830	ICONIX	ICONIX WATERWORKS INC	09/09/2020	
	U2016040481	Piping for air treatment		9,336.26
	U2016040483	Water Tank		2,450.00
Total for Check Number 49830:				11,786.26
49831	PUGH	Jeffrey L. Pugh, Attorney at Law	09/09/2020	
	July 2020	Legal services		135.00

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
			Total for Check Number 49831:	135.00
49832	LTM 571934	Knife River Materials Crushed Rock-Bourbon St	09/09/2020	43.08
			Total for Check Number 49832:	43.08
49833	LANDMARK 4481	Land Mark Surveying Inc Easement Review	09/09/2020	945.00
			Total for Check Number 49833:	945.00
49834	LOWES 901723	Lowes Crew supplies	09/09/2020	24.67
	902027	Hammer & rebar for Bourbon St-MH Aprons		115.97
	902062	Fence stakes for Winchester pump station		15.54
	902074	Concrete trowels & sealer		61.22
	902216	Supplies for Winchester LS Drain project6		3.73
	902317	Supplies for Winchester LS		28.30
	905699	Batteries for Security Alarm		3.78
	906981	Screws for Bourbon St Project		6.64
			Total for Check Number 49834:	259.85
49835	MSTRCR 26765-J	MasterCare Cleaning Co Inc Janitorial Services - August	09/09/2020	390.00
			Total for Check Number 49835:	390.00
49836	NEXNET 11838	Nexcom, LLC Digital phone services	09/09/2020	332.80
			Total for Check Number 49836:	332.80
49837	NORTHCOA S010271357.002	NORTH COAST ELECTRIC COMPANY Breakers for Vault Pumps-Winchester LS	09/09/2020	391.75
			Total for Check Number 49837:	391.75
49838	DEQ WQ21DOM-0783	OR Dept of Environmental Quality NPDES-DOM-Ba Permit	09/09/2020	29,298.00
			Total for Check Number 49838:	29,298.00
49839	OR-LIN 532951 538479	Oregon Linen, Inc. Laundry services Laundry services & mats	09/09/2020	37.08 54.20
			Total for Check Number 49839:	91.28
49840	PPL Aug 2020 310C Aug 2020 310PS Aug 2020 411LM Aug 2020 425 LM Aug 2020 Admin Aug 2020 Gate Aug 2020 High Aug 2020 Keady Aug 2020 LV Aug 2020 NBank	Pacific Power Contract- Bourbon Street PS Usage- Bourbon Street PS Usage-411 LM-Storage Bldg Power Usage-425 Long Meadow Power Usage-Admin Bldg Power Usage-140 LM-NTS Gate Power Usage-Highland PS Contract Min&Usage-Keady Ct PS Power Usage-Loma Vista PS Power Usage-North Bank PS	09/09/2020	70.62 51.84 28.07 10.52 688.83 20.23 757.84 52.39 135.17 90.38

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	Aug 2020 NTS	Contract/Power Usage-NTS PS		11,187.15
	Aug 2020 SBank	Power Usage-South Bank PS		1,646.19
	Aug 2020 Wilb1	Power Usage-Wilbur 1 PS		105.65
	Aug 2020 Wilb2	Power Usage-Wilbur 2 PS		89.33
	Aug 2020 WWTP1	Power Usage-WWTP 1		16,411.86
	Aug 2020 WWTP2	Power Usage-WWTP 2		28.22
			Total for Check Number 49840:	31,374.29
49841	Premium 23400	Premium Landscape, Inc. Landscaping services-August	09/09/2020	180.25
			Total for Check Number 49841:	180.25
49842	QFence 54320	Quality Fence Company, Inc. Repair Back Gate-Admin office	09/09/2020	632.00
			Total for Check Number 49842:	632.00
49843	RITZ 6003942	Ritz Safety Traffic Signs	09/09/2020	2,404.82
			Total for Check Number 49843:	2,404.82
49844	ROCKYS 14906 14915	Rocky's Auto Repair CCTV Van oil change 5 yard oil change	09/09/2020	199.64 155.87
			Total for Check Number 49844:	355.51
49845	SERV-CTR 51608	The Service Center Lock for G11 Key	09/09/2020	41.00
			Total for Check Number 49845:	41.00
49846	STEELOUT 230110	The Steel Outlet Steel for manhole hooks	09/09/2020	28.80
			Total for Check Number 49846:	28.80
49847	TECHUNL 345766	Technology Unlimited, Inc License fee for AQ2 Remit Software	09/09/2020	450.00
			Total for Check Number 49847:	450.00
49848	TIM ALLE 1-554062	Tim Allen Equipment Skid Steer rental for Berms/NTS Roads	09/09/2020	904.18
			Total for Check Number 49848:	904.18
49849	UMPQUARF 38823 38856 38951 39115 39139 39161 39188	Umpqua Quarries, LLC Crushed Rock-Winchester Project Crushed Rock-Winchester Project Crushed Rock-NTS Rds/Berms Crushed Rock-NTS Rds/Berms Crushed Rock-NTS Berms Crushed Rock-NTS Roads/Berms Crushed Rock-NTS Roads/Berms	09/09/2020	38.29 46.44 109.25 103.65 231.52 397.40 529.76
			Total for Check Number 49849:	1,456.31
49850	UMP-SAND	Umpqua Sand & Gravel	09/09/2020	

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	78437	Top Soil for Winchester LS project		86.28
	79130	Concrete for Bourbon St project		423.00
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Total for Check Number 49850:				509.28
49851	WILLGRAY 21254723	Willamette Graystone, LLC Speedcrete for Bourbon St project	09/09/2020	292.14
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Total for Check Number 49851:				292.14
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Total for 9/9/2020:				216,819.44
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Report Total (35 checks):				216,819.44
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