

# City of Bandon

<b>CITY COUNCIL AGENDA DOCUMENTATION</b>	<b>DATE:</b> October 2, 2023
<b>SUBJECT:</b> Consolidated Municipal Utility Report	<b>ITEM NO:</b> 6.3.8

**BACKGROUND:**

The accompanying Consolidated Municipal Utility Report provides reports and information for the three public utilities (enterprises) of the City of Bandon. Report for September 2023.

**FISCAL IMPACT:**

Report only

**RECOMMENDATION:**

Informational report to be approved as part of the consent agenda.

**SUBMITTED BY:**

  
Denise Russell, Utility Office Manager

## **ELECTRIC DEPT MONTHLY REPORT**

**September 25, 2023**

The electric department is responsible for the safe distribution of power to the citizens of Bandon and the surrounding area. The duties include maintaining overhead and underground power lines, substations, and metering systems, as well as building new lines, connecting new services, and undergrounding overhead lines within the city limits, as budget and time permits.

### **WORK BEING DONE THIS MONTH:**

#### **New Services**

The Crew has connected 3 new electrical services in September. I have 86 active bid packets on file. These are people that have paid planning fees or have an active building permit from the State. Future homes are waiting for the State Building Department to approve their building plans so they can start to build. A bid packet includes the cost for service, a map for conduit installation, digging instructions, and examples of the specs we require. I have had some inquiries into the cost of power for prospective buyers of bare lots however inquiries have slowed down. New plans coming from planning have also slowed.

#### **Upcoming Projects and Update**

I am in the process of getting an Electric System Model leading to a System Coordination Study and eventually a Cost-of-Service Study. All of these reports are overdue. The Cost-of-Service Study is a third-party study that will tell the City where rates should be set.

- The City is required to test its power poles to make sure they are not compromised by rot or by a number of other things. All the poles need to be tested on a ten-year cycle. We had 300 poles tested and treated from Beach Loop and 101, North to 12th Street and 101. Ten poles need to be replaced in that area. The crew has started changing out power poles.
- The Electric Department is getting new meter reading system; the old one is no longer supported by the provider.
- We are also in the process of implementing a new updated mapping system to use in our coordination study.

#### **Outages.**

We had two unplanned outages in September.

#### **Topics for discussion**

The Electric Department is implementing new mapping system to better track pole inspections, inventory, new construction, maintenance issues, as well as getting information to engineers so they can complete a coordination study. This is a big step in improving and tracking almost everything to do with operations. We have signed a contract with Gartrell to provide a map.

Submitted By:

  
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Jim Wickstrom, *Electric Department Supervisor*

## Conservation Department Monthly Report

August 2023

The City contracts with the Efficiency Services Group (ESG) to administer an energy savings program funded by Bonneville Power Administration (BPA). The City Conservation Department oversees and provides direction to ESG; and ESG processes all commercial, industrial, and residential rebates, performs all audits and inspections, and reports energy savings to BPA.

City staff assist customers by providing forms and answering questions. ESG provides a toll-free telephone number for technical questions and support. Once ESG staff assist customers with completing appropriate applications and paperwork, completes the audit(s) and/or inspection(s), paperwork is transferred to City staff to process and distribute rebates to customers.

In August, one energy efficiency rebate was distributed which totaled \$640.00. The rebate was for a residential ductless heater. The City is currently working with ESG to increase program exposure for the citizens of Bandon.

Submitted by:



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Denise Russell, Utility Office Manager

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# City of Bandon

STAFF REPORT TO CITY COUNCIL

September 25, 2023

SUBJECT: WATER TREATMENT PLANT

ITEM NO:

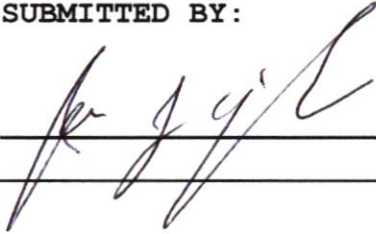
**BACKGROUND**

Attached are the monthly reports for August 2023.

**FISCAL IMPACT:**

**RECOMMENDATION:**

SUBMITTED BY:



**Jim Youravish**

WATER PLANT OPERATOR

Printed Name & Title

## ANNUAL WATER USEAGE

August-23	GALLONS OF WATER LEAVING PLANT	GALLONS OF WATER SOLD	% LOSS
September-2022	22,265,091	22,269,169	0.02
October-2022	18,845,905	15,426,766	-18.14
November-2022	18,012,443	13,364,980	-25.80
December-2022	15,180,833	13,375,721	-11.89
January-2023	14,047,257	11,136,251	-20.72
February-2023	14,451,243	11,210,944	-22.42
March-2023	11,634,654	9,461,461	-18.68
April-2023	12,171,224	9,057,661	-25.58
May-2023	12,588,393	9,223,932	-26.73
June-2023	15,888,642	13,117,550	-17.44
July-2023	18,910,932	14,305,910	-24.35
August-2023	22,961,432	17,242,592	-24.91
TOTAL	196,958,049	159,192,937	-19.17

## WATER TREATMENT PLANT ACTIVITY REPORT FOR AUGUST 2023

PARAMETERS	WATER PLANT OPERATIONS	EPA ALLOWABLE LIMIT
WATER TREATED (GALLONS)	21,529,710	
DAILY AVERAGE (GALLONS)	694,507	
TREATED WATER LEAVING PLANT	23,198,342	
AVG. TURBIDITY (NTU'S)	.028	MAX. .30
AVG. P.H. (7.00 IS NEUTRAL)	7.48	MIN. 7.1 LEAVING PLANT
AVG. CHLORINE RESIDUAL LEAVING PLANT (PPM)	.84	MIN .2 LEAVING PLANT. TRACE AT LAST CONNECTION
		MAX 4.0
WEEKLY FECAL COLIFORM AND E. COLI TEST	0 POSITIVE	0 POSITIVE FOR FECAL COLIFORM AND E. COLI TAKEN IN DISTRIBUTION SYSTEM

THE WATER TREATMENT PLANT MET ALL EPA REQUIREMENTS FOR THE MONTH OF AUGUST 2023

# City of Bandon

<b>CITY COUNCIL AGENDA DOCUMENTATION</b>	<b>DATE:</b> October 2, 2023
<b>SUBJECT:</b> Staff Report – Wastewater Plant	

## **BACKGROUND:**

Find attached the monthly Wastewater Plant activity report for August 2023.

The City's Wastewater facility treated 8,498,000 gallons of wastewater this month, for an average of 275,000 gallons treated daily. All permit requirements were met for the month of August 2023.

## **FISCAL IMPACT:**

None.

## **RECOMMENDATION:**

Motion to approve as part of the Consent Agenda.

## **SUBMITTED BY:**



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Steve James, Treatment Plant Operator

## WASTEWATER PLANT ACTIVITY REPORT FOR AUGUST 2023

TSS	Total suspended solids	PPM Parts per million
INF	Influent - incoming untreated wastewater	MG/L Milligrams per liter (same as PPM)
EFF	Effluent - outgoing treated wastewater	MLS Milliliters of water
BOD	Biochemical oxygen demand (strength of wastewater)	

**Table 1: Treatment Plant Operations**

PARAMETERS AND UNITS	MAXIMUM SUMMER DEQ PERMIT	MAXIMUM WINTER DEQ PERMIT	AVERAGE MONTHLY OPERATIONS
<b>EFF BOD AVERAGE</b>			
MG/Lor PPM	20	30	10
POUNDS/DAY	75	110	23
<b>EFF TSS AVERAGE</b>			
MG/Lor PPM	20	30	13
POUNDS/DAY	75	110	56
<b>FECAL COLIFORM</b>			
COLONIES/100 MLS	14	14	7
<b>INF FLOW AVERAGE</b>			
GALLONS/DAY			275,000
<b>INF SOLIDS AVERAGE</b>		<b>DESIGN</b>	<b>RECEIVED</b>
BOD POUNDS/DAY		1150	305
TSS POUNDS/DAY		1350	687

\*SUMMER MAY 1 -OCTOBER 31

\*\*WINTER NOVEMBER 1 -APRIL 30

**1. TREATMENT PLANT OPERATIONAL SYNOPSES**

The Wastewater Plant has met all DEQ permits for the month of August 2023.