

# City of Bandon

<b>CITY COUNCIL AGENDA DOCUMENTATION</b>	<b>DATE:</b> October 5, 2022
<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. Reports from the Electric, Conservation, Water and Wastewater Utilities are provided.

**FISCAL IMPACT:**

Report only

**RECOMMENDATION:**

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

**SUBMITTED BY:**



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Denise Russell, Utility Office Manager

## ELECTRIC DEPT MONTHLY REPORT September 2022

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 5 new electrical services in September. I have 80 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 several inquiries into the cost of power for prospective buyers of bare lots.

#### Upcoming Projects and Updates

- The Crew started replacing poles on Bates Road. The crew is finished up on Cope Lane.
- 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 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 any 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 will start the work next month.
- I would like to acknowledge my Crew for their commitment to the City of Bandon electric. It is no small thing that they make themselves available at almost any time to respond to outages and electrical emergencies.

#### Outages

None

### TOPICS FOR DISCUSSION PLEASE READ

- Lead times for materials and equipment continue to get longer and prices are continuing to go up. Transformers are two years out and there is an industry shortage of electric meters for both auto-read and analog meters. It is a challenge trying to balance the parts it takes for new construction and having parts on hand in case of an unforeseen event.
- Inflation is taking its toll as it applies to paying for maintenance of the electric department. Higher cost for materials and labor needs to be addressed through an electrical rate increase. I am working with Stoddard engineering to get a cost-of-service study for electric rates so we can put an increase of electric rates on the ballot.

Submitted By:

  
Denise Russell on Jim Wickstrom's behalf  
Jim Wickstrom, Electric Department Supervisor

# City of Bandon

STAFF REPORT TO CITY COUNCIL

September 20, 2022

SUBJECT: WATER TREATMENT PLANT

ITEM NO:

**BACKGROUND**

Attached are the monthly reports for August 2022.

**FISCAL IMPACT:**

**RECOMMENDATION:**

**SUBMITTED BY:**

**Jim Youravish**

WATER

PLANT

OPERATOR

\_\_\_\_\_  
Printed Name & Title

WATER TREATMENT PLANT ACTIVITY REPORT FOR AUGUST 2022

PARAMETERS	WATER PLANT OPERATIONS	EPA ALLOWABLE LIMIT
WATER TREATED (GALLONS)	21,366,758	
DAILY AVERAGE (GALLONS)	689,250	
TREATED WATER LEAVING PLANT	22,265,091	
AVG. TURBIDITY (NTUS)	.032	MAX. .30
AVG. P.H. (7.00 IS NEUTRAL)	7.81	MIN. 7.1 LEAVING PLANT
AVG. CHLORINE RESIDUAL LEAVING PLANT (PPM)	.83	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 2022

## ANNUAL WATER USEAGE

July-22	GALLONS OF WATER LEAVING PLANT	GALLONS OF WATER SOLD	% LOSS
September-2021	16,781,594	18,907,177	12.67
October-2021	13,955,359	17,355,315	24.36
November-2021	12,834,163	12,032,490	-6.25
December-2021	13,473,081	13,449,562	-0.17
January-2022	12,460,539	9,749,645	-21.76
February-2022	13,463,062	9,411,894	-30.09
March-2022	12,575,303	11,907,900	-5.31
April-2022	15,328,214	20,271,339	32.25
May-2022	13,469,439	10,039,896	-25.46
June-2022	13,753,526	10,847,975	-21.13
July-2022	15,709,096	14,025,309	-10.72
August-2022	21,701,896	15,386,906	-29.10
TOTAL	175,505,272	163,385,408	-6.91

# City of Bandon

<b>CITY COUNCIL AGENDA DOCUMENTATION</b>	<b>DATE:</b> October 3, 2022
<b>SUBJECT:</b> Staff Report – Wastewater Plant	

## **BACKGROUND:**

Find attached the monthly Wastewater Plant activity report for August 2022.

The City's Wastewater facility treated 8,765,000 gallons of wastewater this month, for an average of 286,000 gallons treated daily. All permit requirements were met for the month of August 2022.

## **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 2022

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	9
POUNDS/DAY	75	110	16
<b>EFF TSS AVERAGE</b>			
MG/Lor PPM	20	30	7
POUNDS/DAY	75	110	18
<b>FECAL COLIFORM</b>			
COLONIES/100 MLS	14	14	9
<b>INF FLOW AVERAGE</b>			
GALLONS/DAY			282,000
<b>INF SOLIDS AVERAGE</b>		<b>DESIGN</b>	<b>RECEIVED</b>
BOD POUNDS/DAY		1150	685
TSS POUNDS/DAY		1350	820

\*SUMMER MAY 1 -OCTOBER 31

\*\*WINTER NOVEMBER 1 -APRIL 30

**1. TREATMENT PLANT OPERATIONAL SYNOPSIS**

The Wastewater Plant has met all DEQ permits for the month of August 2022.

## Conservation Department Monthly Report

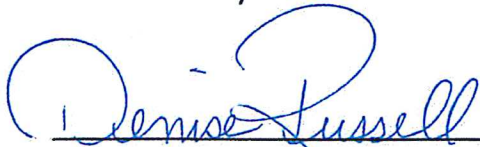
August 2022

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, two energy efficiency rebates were distributed which totaled \$1,641.60. The rebates were for windows. 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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