

MONTHLY OPERATIONS REPORT

January 2015

Town of Discovery Bay, CA

1981 Days of Safe Operations

88,527 worked hours since last recordable incident

TRAINING:

Safety, Operations, & Equipment

Safety	Hours
West Monthly Regional Safety Webinar Weekly Safety Topics Fire Extinguisher Haz Comm.	4.0
Operations	
CP 1&2 SCADA Screen Pump Seal Training	3.0

REPORTS SUBMITTED TO REGULATORY AGENCIES

Monthly Discharge Monitoring Report (DMR) Monthly electronic State Monitoring Report (eSMR) Monthly Coliform Report, California Department of Public Health (CDPH) 4 Qtr & Annual Reports
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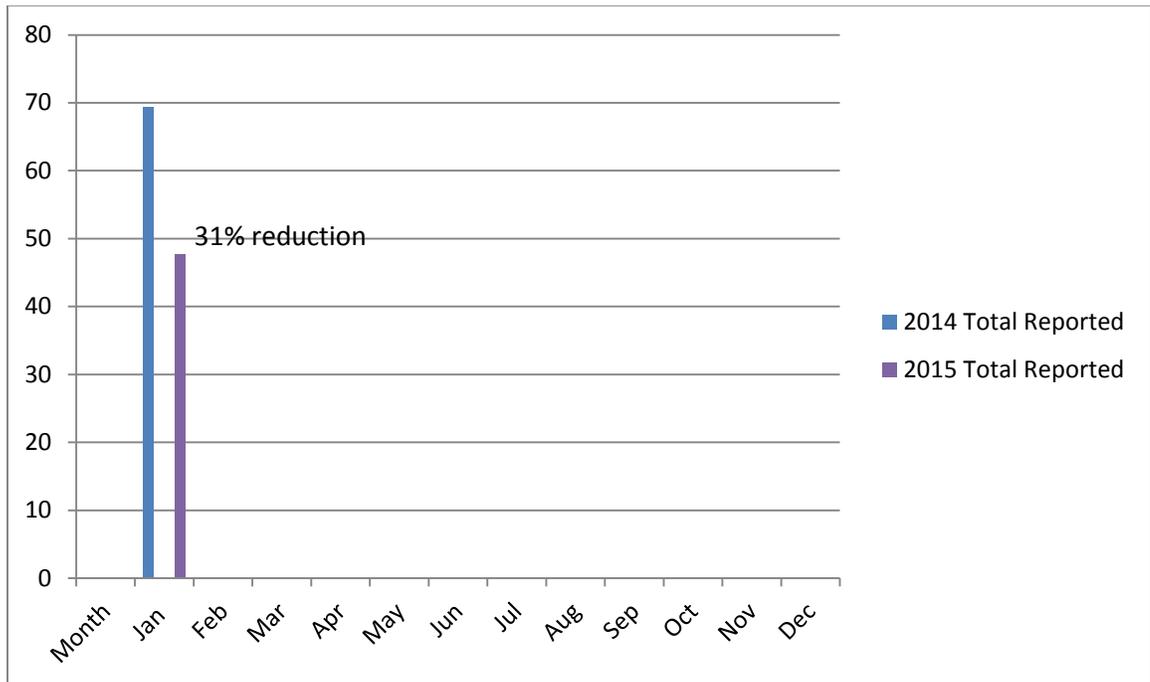
WATER SERVICES

# of Active Wells	Water Produced (MG)	Chemical (Hypo) Delivered	Fire Hydrant Flushing
5	47.6	0	0

Note: Well 4 in lead and Well 5 in lag to offset specific conductivity

2015 Water Production Table (MG) by Month

January	February	March	April	May	June
47.6					
July	August	September	October	November	December



Bacteriological Test Results:

Routine Bacteria Samples Collected	No. Total Coliform Positives	No. Fecal/E. coli Positives	Brown Water Calls
20	0	0	0

WASTEWATER SERVICE

<i>WW Effluent Parameter</i>	<i>Permit Limits</i>	<i>December Lab Data</i>	<i>January Lab Data</i>
Flow, MG Effluent, monthly total		49.7	40.6
Flow, MG Daily Influent Flow, avg.	N/A	1.31	1.31
Flow, MG Daily Discharge Flow, avg.	2.1	1.60	1.40
Effluent BOD ₅ , lbs/d, monthly avg.	350	50	30
Effluent TSS, lbs/d, monthly avg.	525	40	62
Effluent BOD ₅ , mg/L, monthly avg.	20	4	3
Effluent TSS, mg/L, monthly avg.	30	3	5
Total Coli form 7 day Median Max	23	2	2
Total Coli form Daily Maximum	240	22	4.5
% Removal BOD ₅ , monthly avg.	85% min.	98	99
% Removal, TSS, monthly avg.	85% min.	97	96
Electrical Conductivity, umhos/cm annual avg.	2100	2043	1940

Wastewater Laboratory Analysis

Blue – new parameter added

National Pollution Discharge Elimination System (NPDES)

NPDES Related Excursions	Permit Parameter	NPDES Parameter Limit	Actual Parameter Result
0	None	0	N/A

Bacteriological Test Results:

Routine Bacteria Samples Collected	No. Total Coliform Positives	No. Fecal/E. coli Positives	7-Day Median Excursion
15	0	0	0

# of Active Lift Stations	# of Inactive Lift Stations	Chemical Usage Polymer-gals	SSO	Wastewater Received (MG)

15	0	78	0	33.4
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COLLECTION:

- Flushed 0 ft. of sanitary sewer lines, YTD **19613** ft. **30%** completed
- CCTV **17900** ft. **27%** completed (Deadline is May 2015)
- Inspected 0 manhole & covers. **83** YTD
- Flushing will resume in Feb 2015
- Performed valve exercising
- Performed weekly lift station inspections.

MAINTENANCE:

Preventive and Corrective

Total # of WO's Completed	Total Hours
251	311

Work Order Back-Log

Aging 8 - 30 Days	Aging > 30 Days
31	13

Call & Emergency Responses

Call Outs	Emergencies
16	0

Personnel Hours & Overtime:

Regular Hours	Overtime
1981	85

TERMS

WWTP	WASTEWATER TREATMENT PLANT
WTP	WATER TREATMENT PLANT
WL	WILLOW LAKE
NP	NEWPORT
VFD	VARIABLE FREQUENCY DRIVE
WO	WORK ORDER
PLC	PROGRAMMABLE LOGIC CONTROLLER
L/S	LIFT STATION
SSO	SANITARY SEWER OVERFLOW
BOD	BIOLOGICAL OXYGEN DEMAND
TSS	TOTAL SUSPENDED SOLIDS
MGD	MILLION GALLONS PER DAY
mg/l	MILLIGRAMS PER LITRE
CCTV	CLOSED CIRCUIT TELEVISION
PPM	PARTS PER MILLION
RAS	RETURN ACTIVATED SLUDGE
WAS	WATSE ACTIVATED SLUDGE
UV	ULTRAVIOLET LIGHT