



MONTHLY OPERATIONS REPORT

April 2017

Town of Discovery Bay, CA

28011 Days of Safe Operations

131,680 worked hours since last recordable incident 850

TRAINING: Safety, Operations, & Equipment

Safety	Hours
West Monthly Regional Safety Webinar Weekly Safety Topics Confined Space	4.0
Operations	

REPORTS SUBMITTED TO REGULATORY AGENCIES

- * Monthly Discharge Monitoring Report (DMR)**
- * Monthly electronic State Monitoring Report (eSMR)**
- * Monthly Coliform Report, State Water Board (WD)**
- * Quarterly Discharge Monitoring Report (DMR)**
- * Quarterly Electronic State Monitoring Reports(eSMR)**
- * Quarterly Water Quality Report(DDW)**

WATER SERVICES

# of Active Wells	Water Produced (MG)	Chemical (Hypo) Delivered	Fire Hydrant Flushing
6	56	2130	9

Note: Well 5 is active but off line

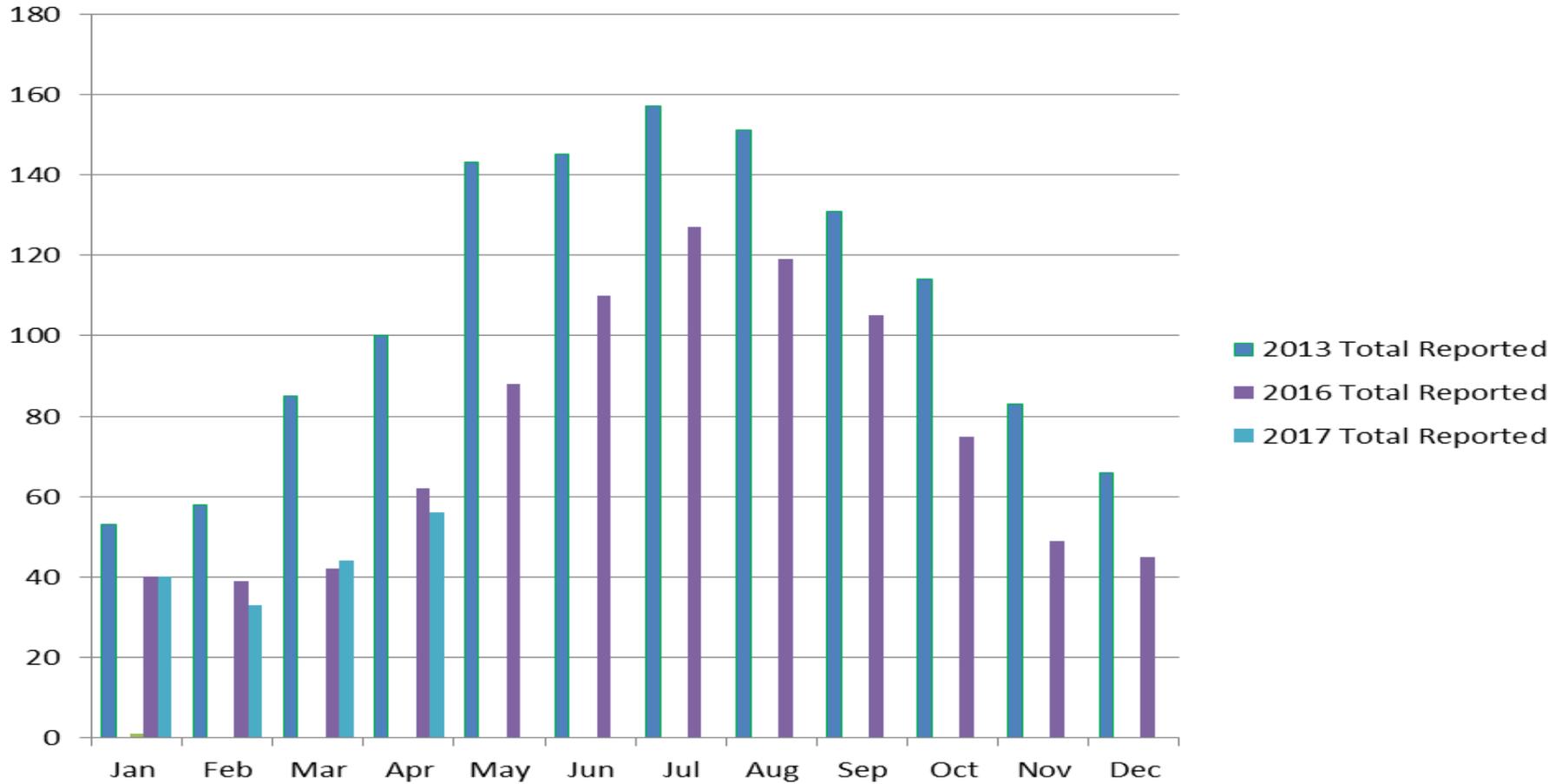
2016 Water Production Table (MG) by Month

January	February	March	April	May	June
40	33	44	56		
July	August	September	October	November	December

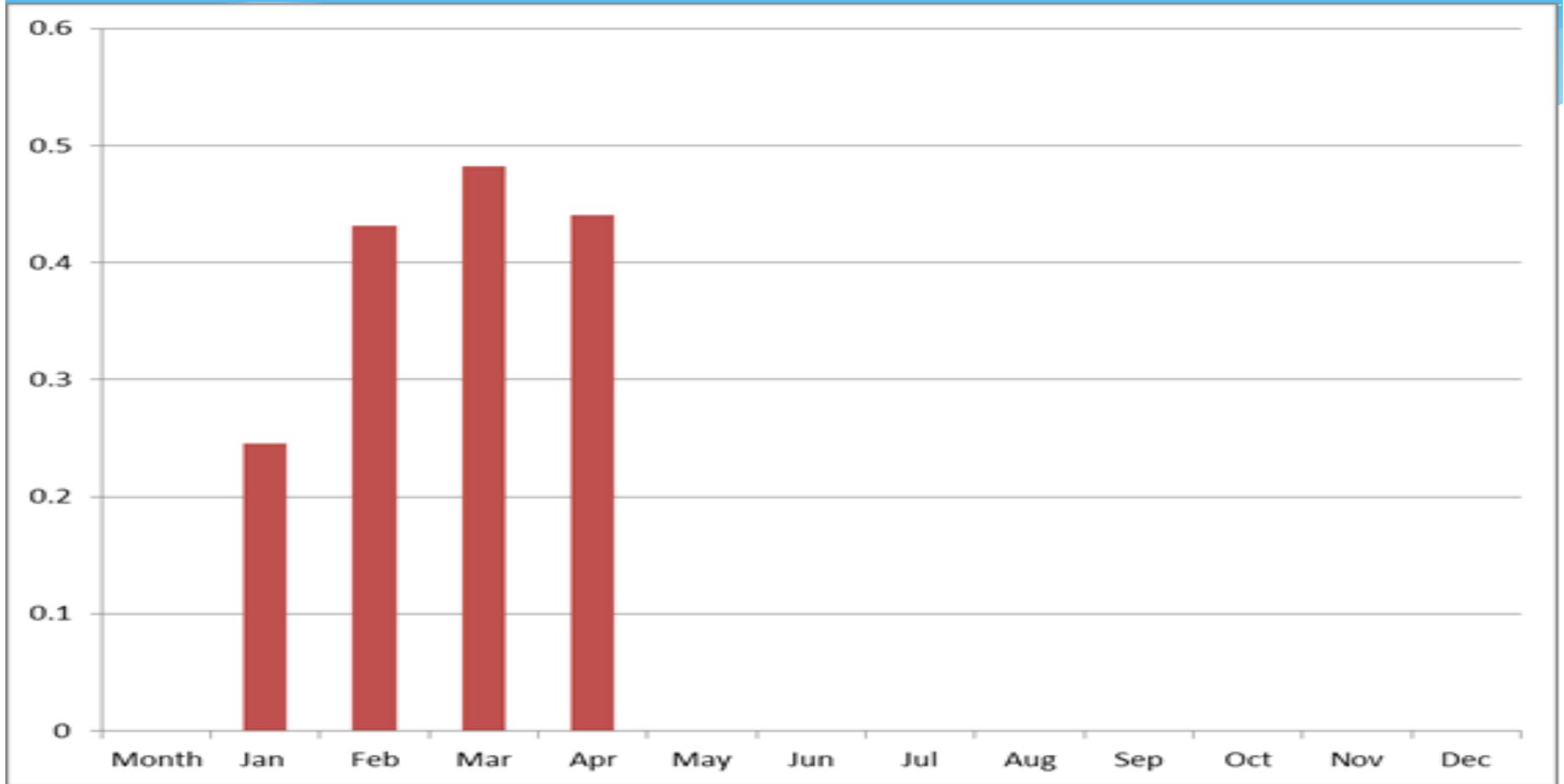
Bacteriological Test Results:

Routine Bacteria Samples Collected	No. Total Coliform Positives	No. Fecal/E. coli Positives	Brown Water Calls
16	0	0	0

WATER USAGE



Water Reduction



WASTEWATER SERVICE

Wastewater Laboratory Analysis

<i>WW Effluent Parameter</i>	<i>Permit Limits</i>	<i>March Lab Data</i>	<i>April Lab Data</i>
Flow, MG Effluent, monthly total		37	37
Flow, MG Daily Influent Flow, avg.	N/A	1.3	1.3
Flow, MG Daily Discharge Flow, avg.	2.1	1.2	1.2
Effluent BOD ₅ , lbs/d, monthly avg.	350	20	13
Effluent TSS, lbs/d, monthly avg.	525	18	13
Effluent BOD ₅ , mg/L, monthly avg.	20	2	1.4
Effluent TSS, mg/L, monthly avg.	30	2	1.3
Total Coli form 7 day Median Max	23	2	0
Total Coli form Daily Maximum	240	8	5
% Removal BOD ₅ , monthly avg.	85% min.	99	99
% Removal, TSS, monthly avg.	85% min.	99	99
Electrical Conductivity, umhos/cm annual avg.	2100	2057	2065

WASTEWATER SERVICE

* **National Pollution Discharge Elimination System (NPDES)**

<u>NPDES Related Excursions</u>	<u>Permit Parameter</u>	<u>NPDES Parameter Limit</u>	<u>Actual Parameter Result</u>
0	NA	None	NA

Bacteriological Test Results:

<u>Routine Bacteria Samples Collected</u>	<u>No. Total Coliform Positives</u>	<u>No. Fecal/E. coli Positives</u>	<u>7-Day Median Excursion</u>
12	0	0	0

<u># of Active Lift Stations</u>	<u># of Inactive Lift Stations</u>	<u>SSO</u>	<u>Wastewater Received (MG)</u>
15	0	0	39

WASTEWATER SERVICE

COLLECTION:

- * 66,589 ft. of collection sewer line has been assessed
- * Approx. 4200 ft. flushed/CCTV
- * 221 manhole & cover has been inspected
- * Performed weekly lift station inspections.

GENERAL TRACKING INFO

* Preventive and Corrective

Total # of WO's Completed	Total Hours
203	166

Work Order Back-Log

Aging 8 - 30 Days	Aging > 30 Days
20	2

Call & Emergency Responses

Call Outs	Emergencies
3	0

Personnel Hours & Overtime:

Regular Hours	Overtime
1649	32

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