



## MONTHLY OPERATIONS REPORT

June 2011

Town of Discovery Bay, CA

### TRAINING:

**Safety, Operations, Equipment & Software.**

**882 days of safe operations**

Topic	Staff	Hours
Lift Station "F" permit required confined space training. Self and outside rescue practical lab.	Jen, Gerald, Lori, Bill, Blaise, Joe and Phil	6 hours each
Lock Out Tag Out	Jen, Gerald, Lori, Bill, Blaise, Joe and Phil	6 hours each
Vactor Truck operation	Blaise Tetio	24
Bloodborne Pathogens		
Plant Operations & Lab	Gerald	20
First Aid & CPR Overview	staff	1.0
UV operation by Mike Hicken	Lori / gerald	1.5
Vehicle, eyes on path, PPE, Heat stress, proper lifting	staff	1.25

### WATER SERVICE

- Newport Booster pump #4 out for repairs.
- Developing water valve exercise program Inspect Water Treatment Plant Filters

#### **Customer Inquiries**

6	Brown water calls
1	Astringent odor

# of Active Wells	Gallons of Water Produced	Chemical Usage/Delivered	Fire Hydrant Flushing
4	126 MG	5505	1

#### **Bacteriological Test Results**

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

**WASTEWATER SERVICE**

- Influent Flow and Loading study in progress.
- UV 3000+ off line due to weir rebalancing.
- Total Coliform excursions 7-day median 16, 17, 21, 22, 24, 27
- Two influent pumps P-1 & P-5 re installed. P-5 is off line due to bad check valve
- Vaughn Chopper submersible to be located Plant I influent wetwell
- Lift station "R" pumps and electrical controls repaired.
- One new Miltronics installed at Plant I Flow meters calibrated.
- Plan forward to move biosolids from lagoon I

**Customer Inquiries**

	None

# of Active Lift Stations	# of Inactive Lift Stations	Chemical Usage/Polymer	SSO	Wastewater Treated-mgd
15		35	1	41.18

**Wastewater Laboratory Analysis**

Parameter		
<i>WW Influent /Effluent</i>	<i>May</i>	<i>June</i>
Flow, MG Effluent	51.96	48.24
Influent BOD <sub>5</sub> , mg/L/day, <b>monthly avg.</b>	96	111
Influent TSS, mg/L/day, <b>monthly avg.</b>	180	193
Effluent BOD <sub>5</sub> , mg/L, <b>monthly avg.</b>	<1.0	<1.0
Effluent TSS, mg/L, <b>monthly avg.</b>	16.1	14.6
Total Coliform 7 day Median Max	17	80
Total Coliform Daily Maximum	30	170
TSS Effluent Composite Max Result <b>mg/L</b>	21.0	21
TSS Effluent Composite Max Result <b>lbs</b>	303	284

**Maintenance:**  
**Preventive and Corrective**

Total # of WO's Completed	Total Hours
205	214.33

**Call & Emergency Responses**

Call Outs	Emergencies
20	1

**Personnel Hours & Overtime: Pay Period ending 6-29-11**

Regular Hours	Overtime
1120	161.25