

UNPLANNED AND EMERGENCY WORK AT THE TWO WWTP JANUARY 2009 TO MARCH 2010

Most of the following costs fall into the category of unplanned / emergency costs from January 2009 to March 2010, there are additional small cost items not included, my guess is it would add ~ an additional 10 - 15 % to these.

BEACH FACILITY

Date 2009	Item	Cost \$	Comments
Feb	Electrical outage (OT plus partial repairs)	3,381	related to power failures and resulting repairs
Mar	MCC Electrical Bucket Repairs	1,300	related to power failures and resulting repairs
Mar	Primary sludge pump rebuild	666	related to power failures and resulting repairs
Apr	Influent Pump Station Mixer	16,100	replace old mixer with new design mixer
Apr	Breaker repairs	720	related to power failures and resulting repairs
Apr	DAF process - upper drive replacement	1,499	related to power failures and resulting repairs
Apr	DAF process - upper drive repairs	493	related to power failures and resulting repairs
Apr	Installed electrical disconnect - Grit pump	928	related to power failures and resulting repairs
Apr	Installed electrical disconnect - Grit collector drive	928	related to power failures and resulting repairs
Apr	Installed electrical disconnect - prim sludge pump 1	970	related to power failures and resulting repairs
Apr	Installed electrical disconnect - prim sludge pump 2	928	related to power failures and resulting repairs
Apr	Primary sludge pump rebuild	751	related to power failures and resulting repairs
Apr	Chemical Digital Pump	822	related to power failures and resulting repairs
May	Hot water wiring	1,347	eliminate natural gas use
Jun	Air basin upgrades	970	install additional aeration diffusers
Jun	Beach Emergency Power repairs	6,102	related to power failures and resulting repairs
Jun	Marina Emergency Generator repairs	8,917	
Jul	Wiring for pump & ER lighting	829	related to power failures and resulting repairs
Jul	Install POS manual transfer switch	1,551	related to power failures and resulting repairs
Jul	Wiring for VFD, program drive	1,063	related to power failures and resulting repairs
Jul	Repair torque light Clarifier 3	1,285	related to power failures and resulting repairs
Sep	Chlorine feed pump	1,248	related to power failures and resulting repairs
Sep	Chlorine feed pump	102	
Sep	Troubleshooting annunciator & dialer alarms	546	related to power failures and resulting repairs

Oct	Beach Emergency Power repairs	13,042	related to power failures and resulting repairs
Nov	Second Street L.S. portable emergency generator	1,638	Second Street lift station
Dec	Grit pump motor replacement	862	related to power failures and resulting repairs
Dec	Grit motor mounting base	55	related to power failures and resulting repairs
Dec	Repair parts for effluent sampler	1,922	
2010			
Mar	City Hall Emergency pumping	579	
Mar	Second Street Lift Station Controler replacement	746	
Mar	Second Street Lift Station emergency pumping	1,579	
Mar	Second Street Lift Station emergency pumping	3,001	
Mar	Second Street emergency Pump replacment	4,340	
Mar	Airport / River Rd L.S. Generator	10,095	
Mar	Beach Weir	8,000	
	Total	99,303	
	NORTHWEST FACILITY		
Date	Item	Cost	Comments
2009		\$	
Jan	Clean out wet well - Atlantic L.S.	1,313	
Jan	Influent sampler refrigerator repairs	663	
Jan	Troubleshoot generator - Riverwood L.S.	2,076	
Apr	Troubleshooting SCADA alarm	581	
Apr	Troubleshooting WAS flowmeters	273	
May	pH meter repairs	190	
May	Solar chamber controls	2,463	
May	SCADA troubleshooting	1,141	
May	Riverwood level sensor	1,546	
May	UV sensor switch	369	
Jun	Repairs for faulty battery in generator	551	

