

**SBSA Capital Improvement Program
Active CIP Projects' Status**

3/1/2011

	Project No.	Project Name	PM	Phase	Project Initiation Date	Expected Completion
1	8002	Auto-reset of Effluent Pumps	HL	Complete		
2	8003	Disinfection Area SCADA	HL	Complete		
3	8005	Install MCC PLC	HL	Complete		
4	8017/21/23	Fiber Optic Cabling	HL	Complete (partial)		
5	9007	Roll-up Doors for Warehouse	DR	Complete		
6	9008	Centrifuge Motor Drive Replacement	AB	Complete		
7	9010	Real-time Wind Direction	HL	Complete		
8	9011	Portable Trash Pump	DR	Complete		
9	9013	Waste Gas Burner Rehabilitation	DR	Complete		
10	9023	Odor and Corrosion Control Master Plan	TH	Complete		
11	9029	SHB Control Room Scrubber	TH	Complete		
12	9101	Freshwater Lagoon Cleaning	PK	Complete		
13	9105	Document Management System	TH	Complete (partial)		
14	9114	Historian Software	HL	Complete		
15	9124	Biosolids Master Plan	PK	Complete		
16	9125	Plant Road Resurfacing-Ph 1	DR	Complete		
17	9127	PEC & PST & SSC Protective Coatings-Ph 1	DR	Complete		
18	9014	Process Tanks Protective Coatings (do w/above) - SSC #3 only	DR	Complete (partial)		
19	9030	SSC Drive Rebuild (combine w/above) - SSC #3 only	DR	Complete		
20	9132	Warehouse for IBMS (Purchasing & Storage)	DR	Complete		
21	9153	Displacement Pump Hi-Pressure Safety Switch	AB	Complete		
7	9022	Freight & Passenger Elevators	PK	Construction	Nov-12	Feb-15
1	221	Bilge Pit/Pump Replacement	DR	Construction/Design	pre-Nov 2008	Jan-16
2	6003	FM Repair (Emergency)	TH	Construction	Mar-13	None; ongoing
3	8001	CDAU Replacement	HL	Construction	Feb-13	2011

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4	9008	Centrifuge Motor Drive Replacement	TBD	N/A	Jun-13	--
5	9012	Digester #3 Rehab & Upgrade	WBA	Construction	Dec-12	Jul-15
6	9016	High Pressure Air Piping & Instrument Air	KH	Construction/Planning	Apr-13	Jun-16
8	9033	Plant Electrical Sys Upgrade-Implementation	HL	Construction	Nov-12	Aug-16
9	9038	Moyno Pump Replacement	DR	Construction	pre-Nov 2008	ongoing
10	9072	Laboratory Small Equipment Replacement	KK	Construction (Purchases)	Mar-14	ongoing
11	9074	Thickener Collector Drive Rehab	AB/D R	Construction	Jun-13	ongoing; 3 years
12	9075	IMS System Equipment Replacement	BB	Construction/Planning	Apr-13	ongoing; 6 years
13	9080	Primary Sed Tank Collector Drive System	AB	Construction/Planning	Jun-13	ongoing; 8 years
14	9118	SCADA Integration w/IBMS	HL	Construction/Planning / Design	Apr-13	ongoing; 5 years
15	9152	Small Capital Equipment Replacement	TH/AB	Construction	pre-Nov 2008	ongoing
16	9156	Administration & Plant Control Building	TH	Construction	pre-Nov 2008	Oct-15
17	7004	West Bay P.S. Repair and Replacement	RD/K H	Construction (T&M)	Aug-13	2012
18	9018	Recycled Water for In-Plant Use	KH	Bidding	Apr-14	Jul-15
1	6001	Bair Island Force Main	RD	Design	pre-Nov 2008	USFW Dependent
2	8004	Install SCADA Servers	HL	Design	Apr-13	2011
3	8007	Lift Station/Primary Remote I/O Controls SCADA System	HL	Design	Dec-14	Oct-15
4	8014	Primary Sludge Piping System Valve Automation	HL	Design	Dec-14	Oct-15
5	8018	Thickener PLC and SCADA System	HL	Design	Dec-14	Oct-15
6	8021	Digester Area Remote I/O and SCADA System	HL	Design	Dec-14	Oct-15
7	8024	Thickening Pump Remote On/Off/Speed Controls	HL	Design	Dec-14	Oct-15
8	8025	#3 Water Remote I/O and SCADA System	HL	Design	Dec-14	Oct-15
9	8030	Automation General Support	HL	Design	Dec-14	Oct-15
10	8017	Activated Sludge Automation	HL	Design	Nov-12	ongoing; 3 years
11	8006	Turbine Air Flow Monitor	HL	Design	Apr-13	"
12	8008	Aeration Basins Motorized Effluent Gate Controls	HL	Design	Apr-13	"
13	8009	Aeration Basins Mudvalve Operation	HL	Design	Apr-13	"
14	8010	WAS Flow Control	HL	Design	Apr-13	"

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15	8011	RAS Pump #1-6 Speed Adjust	HL	Design	Apr-13	"
16	8012	Secondary Inner / Outer Gates Motorized Controls	HL	Design	Apr-13	"
17	8013	WAS Pump #1-4 Speed Adjust	HL	Design	Apr-13	"
18	8015	CCT Weir Sluice Gate Operator	HL	Design	Apr-13	"
19	8019	Aeration Basin Gate Actuators	HL	Design	Apr-13	"
20	8020	Aeration Basin Inlet Gate Controls	HL	Design	Apr-13	"
21	9034	Electrical Feeder Replacement	HL	Construction/Planning / Design	Mar-13	ongoing
22	9076	Digester Mix Pump Rehabilitation	DR	Design	Jun-13	ongoing; 8 years
23	9104	Septage Receiving Area-Odor Control & Imps	PK	Design	Nov-12	re-initiate Apr-10
24	9021	Grease Receiving Sta Imps (do w/above)	PK	Design	Nov-12	"
25	8026	Septic System Automation Controls	HL	Design	Nov-12	"
14	9155	Natural Gas to Plant	KH	Design	Sep-13	Mar-15
14	9163	Demolition of Defunct Equipment in SHB	PK	Design	Aug-14	Oct-15
1	6002	Conveyance System M.P.	RD/ WBA	Planning	pre-Nov 2008	May-15
2	6005	48-inch FM Repair (part of larger project)	RD	Planning	Jan-14	4 yrs
3	8022	SCADA Process Graphics on IMS	HL	Planning/Design	Oct-14	
4	8023	SCADA/Auto Response to Plant Alarm Conditions	HL	Planning/Design	Jul-13	ongoing; 5 years
5	9005	Primary Scum Grinders	AB	Planning	Jun-13	Jun-14
6	9017	Plant #1 Water System Upgrade	DR	Planning	pre-Nov 2008	Jun-16
7	9019	Bisulfite Injector System Improvements	TBD	Planning	Jun-13	--
8	9024	Fixed Film Reactors Rehab & Upgrade	RD	Planning	Feb-13	2012
9	9035	Effluent Pipe Access Hatch	AB	Planning	Jul-13	2010
10	9099	SHB HVAC Air Scrubber-Implementation	KH	Planning	Oct-14	Dec-15
11	9106	Laboratory Information Management System	KK	Planning	Oct-14	?
12	9108	Scum Flowmeter	HL	Planning	Jun-13	Jun-14
13	9154	Engine Generator #4 Upgrade	PK	Planning	Apr-14	Jun-16
	9040	Digester #2 Cleaning	KLO	Planning	Jan-15	Aug-15
	8003	Disinfection Area SCADA (pending 9015)	HL	Design/Partial	Apr-13	on hold
	8027	Drying Bed Feed Flow Measurement	HL	Research	Oct-14	--

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8028	Drying Bed TSS Monitoring	HL	Research	Oct-14	--
9006	Integrated Tool Vehicle	DR	Research	pre-Nov 2008	on hold
9015	Hypochlorite Dosing System Rehab	HL	Design/Partial	pre-Nov 2008	on hold
9028	Laboratory Roof Replacement	KH	To be bid w/SHB and Maint Shop Roof	Jun-13	--
9071	Plant Gallery Floor Sealing	DR	Construction Partial	Nov-12	on hold
9096	Plant Architectural Painting	TBD	Ongoing w/other projects	Jun-13	--
9095	Digester #2 Cover Repair	KLO	N/A	Jun-14	--