

Basic Asset/ Component Information																Financial Accounting Values				Condition , Performance and Risk Assessment Information					
Asset Number	Category	Sub-Category	Department	Roll Number	Process	System	Asset Name	Supplier	Year of Acquisition	Useful Life	PSAB Useful Life	Remaining Useful Life	PSAB Remaining UL	Age	Historical Cost	Accumulated Amortization December 31, 2012	Net Book Value December 31, 2012	Replacement Cost	Condition Rating	Method of Last Condition Assessment	Asset Conditions / Deficiencies	Probability of Failure	Consequence of Failure	Risk / Criticality	Critical Maintenance Activities / Immediate Replacement
WWTP-WHT-001	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Aeration	Process Equipment	Air Blower 1		1999	40	20	26	6	14	1,838,083	1,720,327	117,756	18,210,500	2	Field Audit		3.0	3.0	9.0	
WWTP-WHT-002	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Aeration	Process Equipment	Air Blower 2		1978	40	20	5	0	35	\$ 30,073	\$ 21,051	\$ 9,022	\$ 110,000	3	Field Audit		3.0	3.0	9.0	
WWTP-WHT-003	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Aeration	Process Equipment	Clarifier/ Aeration Basin - Course Air Diffusers 1		2009	5	5	1	1	4	\$ 11,521	\$ 11,521	\$ -	\$ 30,000	3	Field Audit	Replaced on 4 year cycle	3.0	2.0	6.0	
WWTP-WHT-004	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Aeration	Process Equipment	Clarifier/ Aeration Basin - Course Air Diffusers 2		2010	5	5	2	2	3				\$ 30,000	2	Field Audit	Replaced on 4 year cycle	3.0	2.0	6.0	
WWTP-WHT-005	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Aeration	Process Equipment	Clarifier/ Aeration Basin - Course Air Diffusers 3		2011	5	5	3	3	2				\$ 30,000	2	Field Audit	Replaced on 4 year cycle	3.0	2.0	6.0	
WWTP-WHT-006	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Aeration	Process Equipment	Clarifier/ Aeration Basin - Course Air Diffusers 4		2012	5	5	4	4	1				\$ 30,000	1	Field Audit	Replaced on 4 year cycle	3.0	2.0	6.0	
WWTP-WHT-007	Mach/Equip	Office	Wastewater Treatment and Disposal	562704012068400	Auxiliary	Auxiliary	Dakota S1 7D250 Steam Cleaner	InterSteam Technologies	1997	10	10	0	0	16	\$ 5,625	\$ 5,625	\$ -	\$ 10,000	2	Field Audit		3.0	1.0	3.0	
WWTP-WHT-008	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Auxiliary	Auxiliary	Wash Water Wall		1972	50	50	9	9	41				\$ 10,000	3	Field Audit		2.0	1.0	2.0	
WWTP-WHT-009	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Auxiliary	Auxiliary	Lab Equipment - Ovens, Instruments		2000	20	20	7	7	13				\$ 15,000	2	Field Audit		2.0	2.0	4.0	
WWTP-WHT-010	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Auxiliary	Instrumentation	In-line Ph Meter/ D.O. Meters/ Chart Recorder	Monarch/ lakeside	2009	20	20	16	16	4	\$ 15,442	\$ 3,088	\$ 12,353	\$ 40,000	4	Field Audit		3.0	3.0	9.0	
WWTP-WHT-011	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Auxiliary	Process Equipment	Hoist		2009	50	50	46	46	4				\$ 10,000	2	Field Audit		2.0	1.0	2.0	
WWTP-WHT-012	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Auxiliary	Process Equipment	Monorail	On-site Welding	2009	50	20	46	16	4	\$ 15,000	\$ 3,000	\$ 12,000	\$ 16,000	2	Field Audit		2.0	1.0	2.0	
WWTP-WHT-013	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Auxiliary	Process Equipment	Workshop Equipment		2000	20	20	7	7	13				\$ 20,000	2	Field Audit		2.0	1.0	2.0	
WWTP-WHT-014	Buildings	HVAC		562704012068400	Building	HVAC	Heating and Ventilation System		1974	40	40	1	1	39				\$ 660,000	4	Field Audit		4.0	4.0	16.0	
WWTP-WHT-015	Buildings	Heavy		562704012068400	Building	Mechanical (Building)	Louvers		1974	50	50	11	11	39				\$ 30,000	3	Field Audit		2.0	2.0	4.0	
WWTP-WHT-016 (B27)	Buildings	Structure	Wastewater Treatment and Disposal	562704012068400	Building	Structure	BLDG - Treatment Plant/ Pumping Station		1974	80	40	41	1	39	\$ 1,681,316	\$ 1,639,283	\$ 42,033	\$ 3,000,000	2	Field Audit		1.0	4.0	4.0	
WWTP-WHT-017	Buildings	Structure	Wastewater Treatment and Disposal	562704012068400	Building	Structure	Building Roof Lining and Insulation		1974	20	20	0	0	39				\$ 50,000	5	Field Audit		4.0	2.0	8.0	
WWTP-WHT-018	Buildings	Structure	Wastewater Treatment and Disposal	562704012068400	Building	Auxiliary	Windows, Doors, Finishes		1974	40	40	1	1	39				\$ 25,000	4	Field Audit		3.0	2.0	6.0	
WWTP-WHT-019	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Chlorine	Process Equipment	Chlorinator		1994	20	20	1	1	19	Controlled Asset		Controlled Asset	\$ 15,000	3	Field Audit		2.0	2.0	4.0	
WWTP-WHT-020	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Air Outlet Control Valve 1		2013	50	50	50	50	0				\$ 10,000	1	Field Audit		2.0	2.0	4.0	actuator functional but not installed
WWTP-WHT-021	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Air Outlet Control Valve 2		2013	50	50	50	50	0				\$ 10,000	1	Field Audit		2.0	2.0	4.0	actuator functional but not installed
WWTP-WHT-022	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Air Outlet Control Valve 3		2013	50	50	50	50	0				\$ 10,000	1	Field Audit		2.0	2.0	4.0	actuator functional but not installed
WWTP-WHT-023	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Air Outlet Control Valve 4		2013	50	50	50	50	0				\$ 10,000	1	Field Audit		2.0	2.0	4.0	
WWTP-WHT-024	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Air Piping 1		1972	80	80	39	39	41				\$ 100,000	3	Field Audit		2.0	2.0	4.0	
WWTP-WHT-025	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Air Piping 2		1972	80	80	39	39	41				\$ 100,000	3	Field Audit		2.0	2.0	4.0	
WWTP-WHT-026	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Air Piping 3		1982	80	80	49	49	31				\$ 100,000	3	Field Audit		2.0	2.0	4.0	
WWTP-WHT-027	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Air Piping 4		1982	80	80	49	49	31				\$ 100,000	3	Field Audit		2.0	2.0	4.0	
WWTP-WHT-028	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Clarifier/ Aeration Basin - Covers 1		1972	40	40	0	0	41				\$ 40,000	3	Field Audit		3.0	2.0	6.0	Some covers replaced during 2010
WWTP-WHT-029	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Clarifier/ Aeration Basin - Covers 2		1972	40	40	0	0	41				\$ 40,000	3	Field Audit		3.0	2.0	6.0	Some covers replaced during 2010
WWTP-WHT-030	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Clarifier/ Aeration Basin - Covers 3		1982	40	40	9	9	31				\$ 40,000	3	Field Audit		3.0	2.0	6.0	
WWTP-WHT-031	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Clarifier/ Aeration Basin - Covers 4		1982	40	40	9	9	31				\$ 40,000	3	Field Audit		3.0	2.0	6.0	
WWTP-WHT-032	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Clarifier/ Aeration Basin - Handrails & Walkways 1		1972	40	40	0	0	41				\$ 40,000	3	Field Audit		3.0	2.0	6.0	Exterior hand rails were replaced 2010
WWTP-WHT-033	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Clarifier/ Aeration Basin - Handrails & Walkways 2		1972	40	40	0	0	41				\$ 40,000	3	Field Audit		3.0	2.0	6.0	Exterior hand rails were replaced 2010
WWTP-WHT-034	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Clarifier/ Aeration Basin - Handrails & Walkways 3		1982	40	40	9	9	31				\$ 40,000	3	Field Audit		3.0	2.0	6.0	Exterior hand rails were replaced 2010
WWTP-WHT-035	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Clarifier/ Aeration Basin - Handrails & Walkways 4		1982	40	40	9	9	31				\$ 40,000	3	Field Audit		3.0	2.0	6.0	Exterior hand rails were replaced 2010
WWTP-WHT-036	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Clarifier/ Aeration Basin - Scraper Drive (incl shaft) 1	Norfab	2010	40	20	37	17	3	\$ 21,777	\$ 3,266	\$ 18,510	\$ 130,000	1	Field Audit		3.0	2.0	6.0	Scraper Arm replaced in 2013
WWTP-WHT-037	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Clarifier/ Aeration Basin - Scraper Drive (incl shaft) 2		1972	40	20	0	0	41	Controlled Asset		Controlled Asset	\$ 150,000	3	Field Audit		3.0	2.0	6.0	
WWTP-WHT-038	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Clarifier/ Aeration Basin - Scraper Drive (incl shaft) 3		1978	40	20	5	0	35	Controlled Asset		Controlled Asset	\$ 150,000	3	Field Audit		3.0	2.0	6.0	
WWTP-WHT-039	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Clarifier/ Aeration Basin - Scraper Drive (incl shaft) 4		1978	40	20	5	0	35	Controlled Asset		Controlled Asset	\$ 150,000	3	Field Audit		3.0	2.0	6.0	
WWTP-WHT-040	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Clarifier/ Aeration Basin - Slide Gates 1		1972	60	60	19	19	41				\$ 20,000	3	Field Audit		4.0	3.0	12.0	
WWTP-WHT-041	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Clarifier/ Aeration Basin - Slide Gates 2		1972	60	60	19	19	41				\$ 20,000	3	Field Audit		4.0	3.0	12.0	
WWTP-WHT-042	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Clarifier/ Aeration Basin - Slide Gates 3		1982	60	60	29	29	31				\$ 20,000	3	Field Audit		4.0	3.0	12.0	
WWTP-WHT-043	Mach/Equip	Heavy	Wastewater Treatment and Disposal	562704012068400	Clarification	Process Equipment	Clarifier/ Aeration Basin - Slide Gates 4		1982	60	60	29	29	31				\$ 20,000	3	Field Audit		4.0	3.0	12.0	
WWTP-WHT-044	Mach/Equip	Structure	Wastewater Treatment and Disposal	562704012068400	Clarification	Structure	Clarifier/ Aeration Basin - Concrete Structure 1		1972	80	80	39	39	41				\$ 1,500,000	3	Field Audit		3.0	4.0	12.0	10 years
WWTP-WHT-045	Mach/Equip	Structure	Wastewater Treatment and Disposal	562704012068400	Clarification	Structure	Clarifier/ Aeration Basin - Concrete Structure 2		1972	80	80	39	39	41				\$ 1,500,000	3	Field Audit		3.0	4.0	12.0	Concrete wear evident, refurbishment within 10 years
WWTP-WHT-046	Mach/Equip	Structure	Wastewater Treatment and Disposal	562704012068400	Clarification	Structure	Clarifier/ Aeration Basin - Concrete Structure 3		1982	80	80	49	49	31				\$ 1,500,000	3	Field Audit		3.0	4.0	12.0	Concrete wear evident, refurbishment within 20 years
WWTP-WHT-047	Mach/Equip	Structure	Wastewater Treatment and Disposal	562704012068400	Clarification	Structure	Clarifier/ Aeration Basin - Concrete Structure 4		1982	80	80	49	49	31				\$ 1,500,000	3	Field Audit		3.0	4.0	12.0	Concrete wear evident, refurbishment within 20 years
WWTP-WHT-048	Mach/Equip	Structure	Wastewater Treatment and Disposal	562704012068400	Clarification	Structure	Clarifier/ Aeration Basin - Structural Steel 1		1972	80	80	39	39	41				\$ 800,000	4	Field Audit		4.0	3.0	12.0	Steel should be refurbished
WWTP-WHT-049	Mach/Equip	Structure	Wastewater Treatment and Disposal	562704012068400	Clarification	Structure	Clarifier/ Aeration Basin - Structural Steel 2		1972	80	80	39	39	41				\$ 800,000	4	Field Audit		4.0	3.0	12.0	Steel should be refurbished
WWTP-WHT-050	Mach/Equip	Structure	Wastewater Treatment and Disposal	562704012068400	Clarification	Structure	Clarifier/ Aeration Basin - Structural Steel 3		1982	80	80	49	49	31				\$ 800,000	3	Field Audit		4.0	3.0	12.0	
WWTP-WHT-051	Mach/Equip	Structure	Wastewater Treatment and Disposal	562704012068400	Clarification	Structure	Clarifier/ Aeration Basin - Structural Steel 4		1982	80	80	49	49	31				\$ 800,000	3	Field Audit		4.0	3.0	12.0	
WWTP-WHT-052	Mach/Equip	Hardware	Wastewater Treatment and Disposal	562704012068400	Control/SCADA	Hardware	HMI		1995	3	3	0	0	18				\$ 4,000	3	Field Audit		3.0	3.0	9.0	
WWTP-WHT-053	Mach/Equip	Hardware	Wastewater Treatment and Disposal	562704012068400	Control/SCADA	Hardware	Instrumentation		2000	20	20	7	7	13				\$ 60,000	2	Field Audit		3.0	3.0	9.0	
WWTP-WHT-054	Mach/Equip	Hardware	Wastewater Treatment and Disposal	562704012068400	Control/SCADA	Hardware	PLC	Alan Bradley	2006	20	20	13	13	7				\$ 50,000	2	Field Audit		3.0	3.0	9.0	
WWTP-WHT-055	Mach/Equip	Hardware	Wastewater Treatment and Disposal	562704012068400	Control/SCADA	Hardware	RACA Verbatim Gateway Dialer	SPD Sales Ltd	2009	20	20	16	16	4	\$ 6,362	\$ 1,272	\$ 5,090	\$ 7,000	1	Field Audit		3.0	3.0	9.0	
WWTP-W																									