

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
Biological Reactor Basin Process Blower No. 1 Assembly	06/2011	2026	2027	\$ 56,950
Biological Reactor Basin Process Blower No. 1 Discharge Valve Actuator	06/2011	2026	2028	\$ 12,209
Biological Reactor Basin Process Blower No. 1 Discharge Valve	06/2011	2031	2032	\$ 13,227
Biological Reactor Basin Process Blower No. 1 Discharge Silencer	06/2011	2031	2038	\$ 8,794
Biological Reactor Basin Process Blower No. 1 JB	06/2011	2031	2032	\$ 1,475
Biological Reactor Basin Process Blower No. 1B JB	06/2011	2031	2032	\$ 1,475
Biological Reactor Basin Process Blower No. 1 FCP	06/2011	2031	2032	\$ 72,691
Biological Reactor Basin Process Blower No. 1 Lube Oil HX	06/2011	2026	2027	\$ 4,000
Biological Reactor Basin Process Blower No. 1 Aux Lube Oil Pump	06/2011	2026	2030	\$ 6,328
Biological Reactor Basin Process Blower No. 1 Main Lube Oil Pump	06/2011	2026	2027	\$ 6,328
Biological Reactor Basin Process Blower No. 1 Motor	06/2011	2026	2027	\$ 329,042
Biological Reactor Basin Process Blower No. 1 Lube Oil Tank	06/2011	2031	2032	\$ 6,328
Biological Reactor Basin Process Blower No. 1	06/2011	2026	2027	\$ 227,799
Biological Reactor Basin Process Blower No. 1 Blow Off Valve	06/2011	2026	2027	\$ 7,439
Biological Reactor Basin Process Blower No. 2 Blow Off Valve	06/2011	2026	2027	\$ 7,439
Biological Reactor Basin Process Blower No. 2	06/2011	2026	2027	\$ 311,127
Biological Reactor Basin Process Blower No. 2 Lube Oil Tank	06/2011	2031	2032	\$ 8,642
Biological Reactor Basin Process Blower No. 2 Motor	06/2011	2026	2027	\$ 449,405
Biological Reactor Basin Process Blower No. 2 Main Lube Oil Pump	06/2011	2026	2027	\$ 8,642
Biological Reactor Basin Process Blower No. 2 Aux Lube Oil Pump	06/2011	2026	2030	\$ 8,642
Biological Reactor Basin Process Blower No. 2 Lube Oil HX	06/2011	2026	2027	\$ 4,000
Biological Reactor Basin Process Blower No. 2 FCP	06/2011	2031	2032	\$ 72,691
Biological Reactor Basin Process Blower No. 2 JB	06/2011	2031	2032	\$ 1,475
Biological Reactor Basin Process Blower No. 2 JB	06/2011	2031	2032	\$ 1,475
Biological Reactor Basin Process Blower No. 2 Discharge Silencer	06/2011	2031	2038	\$ 8,794
Biological Reactor Basin Process Blower No. 2 Discharge Valve	06/2011	2031	2032	\$ 13,227
Biological Reactor Basin Process Blower No. 2 Discharge Valve Actuator	06/2011	2026	2028	\$ 12,209
Biological Reactor Basin Process Blower No. 2 Assembly	06/2011	2026	2027	\$ 77,782
Biological Reactor Basin Process Blower No. 3 Assembly	06/2011	2026	2027	\$ 77,782
Biological Reactor Basin Process Blower No. 3 Discharge Valve Actuator	06/2011	2026	2028	\$ 12,209
Biological Reactor Basin Process Blower No. 3 Discharge Valve	06/2011	2031	2032	\$ 13,227
Biological Reactor Basin Process Blower No. 3 Discharge Silencer	06/2011	2031	2038	\$ 8,794
Biological Reactor Basin Process Blower No. 3 JB	06/2011	2031	2032	\$ 1,475
Biological Reactor Basin Process Blower No. 3B JB	06/2011	2031	2032	\$ 1,475
Biological Reactor Basin Process Blower No. 3 FCP	06/2011	2031	2032	\$ 72,691
Biological Reactor Basin Process Blower No. 3 Lube Oil HX	06/2011	2026	2027	\$ 4,000
Biological Reactor Basin Process Blower No. 3 Aux Lube Oil Pump	06/2011	2026	2030	\$ 8,642
Biological Reactor Basin Process Blower No. 3 Main Lube Oil Pump	06/2011	2026	2027	\$ 8,642
Biological Reactor Basin Process Blower No. 3 Motor	06/2011	2026	2027	\$ 449,405
Biological Reactor Basin Process Blower No. 3 Lube Oil Tank	06/2011	2031	2032	\$ 8,642
Biological Reactor Basin Process Blower No. 3	06/2011	2026	2027	\$ 311,127
Biological Reactor Basin Process Blower No. 3 Blow Off Valve	06/2011	2026	2027	\$ 7,439
Biological Reactor Basin No.1 DO Probe No.1	06/2011	2026	2030	\$ 6,000
Biological Reactor Basin No.1 DO Probe No.2	06/2011	2026	2030	\$ 6,000
Biological Reactor Basin No.1 DO Probe No.3	06/2011	2026	2030	\$ 6,000
Biological Reactor Basin No.1 DO Probe No.4	06/2011	2026	2030	\$ 6,000
Biological Reactor Basin No. 1	06/2011	2051	2053	\$ 2,200,000
Biological Reactor Basin No.1 ORP Probe No.1	06/2011	2018	2021	\$ 4,000
Biological Reactor Basin No.1 pH Sensor No.1	06/2011	2018	2021	\$ 3,000
Biological Reactor Basin No. 1 Air Flow Transmitter No. 1	06/2011	2026	2030	\$ 8,000
Biological Reactor Basin No.1 DO Air Blast System No. 1	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No.1 DO Air Blast System No. 2	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No.1 DO Air Blast System No. 3	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No.1 DO Air Blast System No. 4	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No.2 DO Air Blast System No. 1	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No.2 DO Air Blast System No. 2	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No.2 DO Air Blast System No. 3	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No.2 DO Air Blast System No. 4	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No. 2 Air Flow Transmitter No. 1	06/2011	2026	2030	\$ 8,000
Biological Reactor Basin No.2 pH Sensor No.1	06/2011	2018	2021	\$ 3,000
Biological Reactor Basin No.2 ORP Probe No.1	06/2011	2018	2021	\$ 4,000
Biological Reactor Basin No. 2	06/2011	2051	2053	\$ 2,200,000
Biological Reactor Basin No.2 DO Probe No.1	06/2011	2026	2030	\$ 6,000
Biological Reactor Basin No.2 DO Probe No.2	06/2011	2026	2030	\$ 6,000

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
Biological Reactor Basin No.2 DO Probe No.3	06/2011	2026	2030	\$ 6,000
Biological Reactor Basin No.2 DO Probe No.4	06/2011	2026	2030	\$ 6,000
Biological Reactor Basin No.3 DO Probe No.1	06/2011	2026	2030	\$ 6,000
Biological Reactor Basin No.3 DO Probe No.2	06/2011	2026	2030	\$ 6,000
Biological Reactor Basin No.3 DO Probe No.3	06/2011	2026	2030	\$ 6,000
Biological Reactor Basin No.3 DO Probe No.4	06/2011	2026	2030	\$ 6,000
Biological Reactor Basin No. 3	06/2011	2051	2053	\$ 2,200,000
Biological Reactor Basin No.3 ORP Probe No.1	06/2011	2018	2021	\$ 4,000
Biological Reactor Basin No.3 pH Sensor No.1	06/2011	2018	2021	\$ 3,000
Biological Reactor Basin No. 3 Air Flow Transmitter No. 1	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No.3 DO Air Blast System No. 1	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No.3 DO Air Blast System No. 2	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No.3 DO Air Blast System No. 3	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No.3 DO Air Blast System No. 4	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No.4 DO Air Blast System No. 1	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No.4 DO Air Blast System No. 2	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No.4 DO Air Blast System No. 3	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No.4 DO Air Blast System No. 4	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No. 4 Air Flow Transmitter No. 1	06/2011	2026	2030	\$ 8,000
Biological Reactor Basin No.4 pH Sensor No.1	06/2011	2018	2021	\$ 3,000
Biological Reactor Basin No.4 ORP Probe No.1	06/2011	2018	2021	\$ 4,000
Biological Reactor Basin No. 4	06/2011	2051	2053	\$ 2,200,000
Biological Reactor Basin No.4 DO Probe No.1	06/2011	2026	2030	\$ 6,000
Biological Reactor Basin No.4 DO Probe No.2	06/2011	2026	2030	\$ 6,000
Biological Reactor Basin No.4 DO Probe No.3	06/2011	2026	2030	\$ 6,000
Biological Reactor Basin No.4 DO Probe No.4	06/2011	2026	2030	\$ 6,000
Biological Reactor Basin No.5 DO Probe No.1	06/2011	2026	2030	\$ 6,000
Biological Reactor Basin No.5 DO Probe No.2	06/2011	2026	2030	\$ 6,000
Biological Reactor Basin No.5 DO Probe No.3	06/2011	2026	2030	\$ 6,000
Biological Reactor Basin No.5 DO Probe No.4	06/2011	2026	2030	\$ 6,000
BRB Ortho Phosphate and Ammonia Analyzer No. 5	06/2011	2026	2030	\$ 50,000
Biological Reactor Basin No. 5	06/2011	2051	2053	\$ 2,200,000
Biological Reactor Basin No.5 ORP Probe No.1	06/2011	2018	2021	\$ 4,000
Biological Reactor Basin No.5 pH Sensor No.1	06/2011	2018	2021	\$ 2,300
Biological Reactor Basin No. 5 Air Flow Transmitter No. 1	06/2011	2026	2030	\$ 8,000
Biological Reactor Basin No.5 DO Air Blast System No. 1	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No.5 DO Air Blast System No. 2	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No.5 DO Air Blast System No. 3	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No.5 DO Air Blast System No. 4	06/2011	2026	2030	\$ 2,300
Biological Reactor Basin No. 1 Diffusers	06/2011	2031	2033	\$ 100,000
Biological Reactor Basin No.1 Process Air Rotork	06/2011	2026	2029	\$ 10,000
Biological Reactor Basin No.1 Process Air Valve	06/2011	2031	2036	\$ 7,273
Biological Reactor Basin No.1 Process Air Valve LCP	06/2011	2031	2036	\$ 1,000
Biological Reactor Basin No.2 Process Air Valve LCP	06/2011	2031	2036	\$ 1,000
Biological Reactor Basin No.2 Process Air Valve	06/2011	2031	2036	\$ 7,273
Biological Reactor Basin No.2 Process Air Rotork	06/2011	2026	2029	\$ 10,000
Biological Reactor Basin No. 2 Diffusers	06/2011	2031	2033	\$ 100,000
Biological Reactor Basin No. 3 Diffusers	06/2011	2031	2033	\$ 100,000
Biological Reactor Basin No.3 Process Air Rotork	06/2011	2026	2029	\$ 10,000
Biological Reactor Basin No.3 Process Air Valve	06/2011	2031	2036	\$ 7,273
Biological Reactor Basin No.3 Process Air Valve LCP	06/2011	2031	2036	\$ 1,000
Biological Reactor Basin No.4 Process Air Valve LCP	06/2011	2031	2036	\$ 1,000
Biological Reactor Basin No.4 Process Air Valve	06/2011	2031	2036	\$ 7,273
Biological Reactor Basin No.4 Process Air Rotork	06/2011	2026	2029	\$ 10,000
Biological Reactor Basin No. 4 Diffusers	06/2011	2031	2033	\$ 100,000
Biological Reactor Basin No. 5 Diffusers	06/2011	2031	2033	\$ 100,000
Biological Reactor Basin No.5 Process Air Rotork	06/2011	2026	2029	\$ 5,632
Biological Reactor Basin No. 5 Process Air Valve	06/2011	2031	2036	\$ 7,273
Biological Reactor Basin No.5 Process Air Valve LCP	06/2011	2031	2036	\$ 1,000
Biological Reactor Basin No.1 - Mixer No.1 ASM	06/2011	2026	2028	\$ 1,105
Biological Reactor Basin No.1 - Mixer No.1 Gearbox	06/2011	2026	2029	\$ 5,815
Biological Reactor Basin No.1 - Mixer No.1 Motor	06/2011	2026	2029	\$ 12,211
Biological Reactor Basin No.1 - Mixer No.1	06/2011	2026	2028	\$ 9,943
Biological Reactor Basin No.1 - Mixer No.2	06/2011	2026	2028	\$ 9,943

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Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
Biological Reactor Basin No.4 - Mixer No.3 Gearbox	06/2011	2026	2029	\$ 5,815
Biological Reactor Basin No.4 - Mixer No.3 Motor	06/2011	2026	2029	\$ 12,211
Biological Reactor Basin No.4 - Mixer No.3	06/2011	2026	2028	\$ 9,943
Biological Reactor Basin No.3 - Mixer No.4	06/2011	2026	2028	\$ 9,943
Biological Reactor Basin No.3 - Mixer No.4 Motor	06/2011	2026	2029	\$ 12,211
Biological Reactor Basin No.3 - Mixer No.4 Gearbox	06/2011	2026	2029	\$ 5,815
Biological Reactor Basin No.3 - Mixer No.4 ASM	06/2011	2026	2028	\$ 1,105
Biological Reactor Basin No.2 - Mixer No.1 Gearbox	06/2011	2026	2029	\$ 5,815
Biological Reactor Basin No.2 - Mixer No.1 ASM	06/2011	2026	2028	\$ 1,105
Biological Reactor Basin No.2 - Mixer No.1 Motor	06/2011	2026	2029	\$ 12,211
Biological Reactor Basin No.2 - Mixer No.1	06/2011	2026	2028	\$ 9,943
Biological Reactor Basin No.5 - Mixer No.1 Motor	06/2011	2026	2029	\$ 12,211
Biological Reactor Basin No.5 - Mixer No.1 Gearbox	06/2011	2026	2029	\$ 5,815
Biological Reactor Basin No.5 - Mixer No.1	06/2011	2026	2028	\$ 9,943
Biological Reactor Basin No.5 - Mixer No.1 ASM	06/2011	2026	2028	\$ 1,105
Biological Reactor Basin No.5 - Mixer No.2 ASM	06/2011	2026	2028	\$ 1,105
Biological Reactor Basin No.5 - Mixer No.2	06/2011	2026	2028	\$ 9,943
Biological Reactor Basin No.5 - Mixer No.2 Gearbox	06/2011	2026	2029	\$ 5,815
Biological Reactor Basin No.5 - Mixer No.2 Motor	06/2011	2026	2029	\$ 12,211
Biological Reactor Basin No.5 - Mixer No.3 Motor	06/2011	2026	2029	\$ 12,211
Biological Reactor Basin No.5 - Mixer No.3 Gearbox	06/2011	2026	2029	\$ 5,815
Biological Reactor Basin No.5 - Mixer No.3	06/2011	2026	2028	\$ 9,943
Biological Reactor Basin No.5 - Mixer No.3 ASM	06/2011	2026	2028	\$ 1,105
Biological Reactor Basin No.5 - Mixer No.4 ASM	06/2011	2026	2028	\$ 1,105
Biological Reactor Basin No.5 - Mixer No.4	06/2011	2026	2028	\$ 9,943
Biological Reactor Basin No.5 - Mixer No.4 Gearbox	06/2011	2026	2029	\$ 5,815
Biological Reactor Basin No.5 - Mixer No.4 Motor	06/2011	2036	2041	\$ 12,211
Biological Reactor Basin No.5 - Mixer No.5 Motor	06/2011	2026	2029	\$ 12,211
Biological Reactor Basin No.5 - Mixer No.5 Gearbox	06/2011	2026	2029	\$ 5,815
Biological Reactor Basin No.5 - Mixer No.5	06/2011	2036	2039	\$ 9,943
Biological Reactor Basin No.5 - Mixer No.5 ASM	06/2011	2026	2028	\$ 1,105
Biological Reactor Basin Drain Pump FCP	06/2011	2031	2038	\$ 9,943
Biological Reactor Basin Drain Pump	06/2011	2018	2021	\$ 9,943
BRB Process Air Header Isolation Valve LCP	06/2011	2031	2038	\$ 1,691
BRB Air Scour Header Isolation Valve LCP	06/2011	2031	2038	\$ 1,691
BRB Process Air Header Isolation Valve	06/2011	2031	2038	\$ 19,449
BRB Air Scour Header Isolation Valve	06/2011	2031	2038	\$ 19,449
BRB Header Air Flow Sensor (36")	06/2011	2026	2030	\$ 30,000
BRB Scum Removal Troughs Spray System	06/2012	2027	2031	\$ 98,000
Biological Reactor Basin Rotating Scum Collector No. 1A Actuator	06/2011	2026	2030	\$ 12,970
BRB Rotating Scum Collector No.1A Transducer	06/2011	2018	2021	\$ 3,000
Biological Reactor Basin Rotating Scum Collector No. 1A ASM	06/2011	2036	2041	\$ 4,817
Biological Reactor Basin Rotating Scum Collector No. 1A	06/2011	2036	2041	\$ 19,270
Biological Reactor Basin Rotating Scum Collector No. 1B	06/2011	2036	2041	\$ 19,036
Biological Reactor Basin Rotating Scum Collector No. 1B ASM	06/2011	2036	2041	\$ 4,759
Biological Reactor Basin Rotating Scum Collector No. 1B Actuator	06/2011	2026	2030	\$ 12,812
Biological Reactor Basin Rotating Scum Collector No. 2A Actuator	06/2011	2026	2030	\$ 12,970
Biological Reactor Basin Rotating Scum Collector No. 2A ASM	06/2011	2036	2041	\$ 4,817
BRB Rotating Scum Collector No.2A Transducer	06/2011	2018	2021	\$ 3,000
Biological Reactor Basin Rotating Scum Collector No. 2A	06/2011	2036	2041	\$ 19,270
Biological Reactor Basin Rotating Scum Collector No. 2B	06/2011	2036	2041	\$ 19,270
Biological Reactor Basin Rotating Scum Collector No. 2B ASM	06/2011	2036	2041	\$ 4,817
Biological Reactor Basin Rotating Scum Collector No. 2B Actuator	06/2011	2026	2030	\$ 12,970
Biological Reactor Basin Rotating Scum Collector No. 3A Actuator	06/2011	2026	2030	\$ 12,970
Biological Reactor Basin Rotating Scum Collector No. 3A ASM	06/2011	2036	2041	\$ 4,817
BRB Rotating Scum Collector No.3A Transducer	06/2011	2018	2021	\$ 3,000
Biological Reactor Basin Rotating Scum Collector No. 3A	06/2011	2036	2041	\$ 19,270
Biological Reactor Basin Rotating Scum Collector No. 3B	06/2011	2036	2041	\$ 19,270
Biological Reactor Basin Rotating Scum Collector No. 3B ASM	06/2011	2036	2041	\$ 4,817
Biological Reactor Basin Rotating Scum Collector No. 3B Actuator	06/2011	2026	2030	\$ 12,970
Biological Reactor Basin Rotating Scum Collector No. 4A Actuator	06/2011	2026	2030	\$ 12,970
Biological Reactor Basin Rotating Scum Collector No. 4A ASM	06/2011	2036	2041	\$ 4,817
BRB Rotating Scum Collector No.4A Transducer	06/2011	2018	2021	\$ 3,000
Biological Reactor Basin Rotating Scum Collector No. 4A	06/2011	2036	2041	\$ 19,270

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
Biological Reactor Basin Rotating Scum Collector No. 4B	06/2011	2036	2041	\$ 19,270
Biological Reactor Basin Rotating Scum Collector No. 4B ASM	06/2011	2036	2041	\$ 4,817
Biological Reactor Basin Rotating Scum Collector No. 4B Actuator	06/2011	2026	2030	\$ 12,970
Biological Reactor Basin Rotating Scum Collector No. 5A Actuator	06/2011	2026	2030	\$ 12,970
Biological Reactor Basin Rotating Scum Collector No. 5A ASM	06/2011	2036	2041	\$ 4,817
BRB Rotating Scum Collector No.5A Transducer	06/2011	2018	2021	\$ 3,000
Biological Reactor Basin Rotating Scum Collector No. 5A	06/2011	2036	2041	\$ 19,270
Biological Reactor Basin Rotating Scum Collector No. 5B	06/2011	2036	2041	\$ 19,270
Biological Reactor Basin Rotating Scum Collector No. 5B ASM	06/2011	2036	2041	\$ 4,817
Biological Reactor Basin Rotating Scum Collector No. 5B Actuator	06/2011	2026	2030	\$ 12,970
Biological Reactor Basins No. 1 Zone 1 Inlet Gate Actuator	06/2011	2026	2030	\$ 4,706
Biological Reactor Basins No. 2 Zone 1 Inlet Gate Actuator	06/2011	2026	2030	\$ 4,706
Biological Reactor Basins No. 3 Zone 1 Inlet Gate Actuator	06/2011	2026	2030	\$ 4,706
Biological Reactor Basins No. 4 Zone 1 Inlet Gate Actuator	06/2011	2026	2030	\$ 4,706
Biological Reactor Basins No. 5 Zone 1 Inlet Gate Actuator	06/2011	2026	2030	\$ 4,706
Biological Reactor Basins No. 1 Zone 3 Inlet Gate Actuator	06/2011	2026	2030	\$ 4,706
Biological Reactor Basins No. 2 Zone 3 Inlet Gate Actuator	06/2011	2026	2030	\$ 4,706
Biological Reactor Basins No. 3 Zone 3 Inlet Gate Actuator	06/2011	2026	2030	\$ 4,706
Biological Reactor Basins No. 4 Zone 3 Inlet Gate Actuator	06/2011	2026	2030	\$ 4,706
Biological Reactor Basins No. 5 Zone 3 Inlet Gate Actuator	06/2011	2026	2030	\$ 4,706
Biological Reactor Basins No. 1 Zone 1 Inlet Gate	06/2011	2031	2036	\$ 7,059
Biological Reactor Basins No. 2 Zone 1 Inlet Gate	06/2011	2031	2036	\$ 7,059
Biological Reactor Basins No. 3 Zone 1 Inlet Gate	06/2011	2031	2036	\$ 7,059
Biological Reactor Basins No. 4 Zone 1 Inlet Gate	06/2011	2031	2036	\$ 7,059
Biological Reactor Basins No. 5 Zone 1 Inlet Gate	06/2011	2031	2036	\$ 7,059
Biological Reactor Basins No. 1 Zone 3 Inlet Gate	06/2011	2031	2036	\$ 7,059
Biological Reactor Basins No. 2 Zone 3 Inlet Gate	06/2011	2031	2036	\$ 7,059
Biological Reactor Basins No. 3 Zone 3 Inlet Gate	06/2011	2031	2036	\$ 7,059
Biological Reactor Basins No. 4 Zone 3 Inlet Gate	06/2011	2031	2036	\$ 7,059
Biological Reactor Basins No. 5 Zone 3 Inlet Gate	06/2011	2031	2036	\$ 7,059
Biological Reactor Basins No. 1 Zone 1 Inlet Box Scum Gate	06/2011	2031	2036	\$ 7,570
Biological Reactor Basins No. 2 Zone 1 Inlet Box Scum Gate	06/2011	2031	2036	\$ 7,570
Biological Reactor Basins No. 3 Zone 1 Inlet Box Scum Gate	06/2011	2031	2036	\$ 7,570
Biological Reactor Basins No. 4 Zone 1 Inlet Box Scum Gate	06/2011	2031	2036	\$ 7,570
Biological Reactor Basins No. 5 Zone 1 Inlet Box Scum Gate	06/2011	2031	2036	\$ 7,570
Biological Reactor Basins No. 1 Zone 3 Inlet Box Scum Gate	06/2011	2031	2036	\$ 7,570
Biological Reactor Basins No. 2 Zone 3 Inlet Box Scum Gate	06/2011	2031	2036	\$ 7,570
Biological Reactor Basins No. 3 Zone 3 Inlet Box Scum Gate	06/2011	2031	2036	\$ 7,570
Biological Reactor Basins No. 4 Zone 3 Inlet Box Scum Gate	06/2011	2031	2036	\$ 7,570
Biological Reactor Basins No. 5 Zone 3 Inlet Box Scum Gate	06/2011	2031	2036	\$ 7,570
Flow Meter RAS Flume MultiRanger 100	06/2011	2023	2024	\$ 3,092
DISTRIBUTED CONTROL SYSTEM	10/2009	2024	2025	\$ 945,000
IPSE DCS Cabinet	10/2009	2024	2026	\$ 120,000
IPSE DCS Workstation	10/2009	2016	2019	\$ 5,000
MBR-DCS-Cabinet / System	06/2011	2026	2027	\$ 207,000
MBR DCS Workstation	06/2011	2018	2021	\$ 6,000
POC DCS Cabinet/System	12/2009	2024	2026	\$ 130,000
POC DCS Work Station	12/2009	2016	2019	\$ 5,000
ECS Effluent Sampler	06/2011	2021	2024	\$ 5,955
ECS Building - Cascade	06/2011	2051	2063	\$ 3,455,573
Flow Meter Effluent Flume Multiranger 100	06/2011	2023	2024	\$ 3,092
Effluent Control Building Electric Unit Heater No1	12/2012	2027	2030	\$ 1,200
Effluent Control Building Electric Unit Heater No2	12/2012	2027	2030	\$ 1,200
ECS Motorized Basket Strainer - Assembly	06/2011	2031	2038	\$ 8,682
ECS Motorized Basket Strainer FCP	06/2011	2031	2038	\$ 7,492
ECS Pressure Sustaining Valve Singer Valve	06/2011	2031	2038	\$ 9,527
ECS Strainer Flush Valve	06/2011	2031	2038	\$ 9,527
ECS Motorized Basket Strainer	06/2011	2026	2030	\$ 8,682
ECS Reuse Pump No. 1 Check Valve	06/2011	2036	2038	\$ 4,000
ECS Reuse Pump No. 1 Assembly	06/2011	2026	2027	\$ 4,320
ECS Reuse Pump No. 1 Motor	06/2011	2026	2027	\$ 32,800
ECS Reuse Pump No. 1 VFD	12/2012	2032	2036	\$ 17,000
ECS Reuse Pump No. 1	06/2011	2026	2027	\$ 38,880
ECS Reuse Pump No. 2	06/2011	2026	2027	\$ 38,880

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
ECS Reuse Pump No. 2 VFD	12/2012	2032	2036	\$ 17,000
ECS Reuse Pump No. 2 Motor	06/2011	2026	2027	\$ 32,800
ECS Reuse Pump No. 2 Assembly	06/2011	2026	2027	\$ 4,320
ECS Reuse Pump No. 2 Check Valve	06/2011	2036	2038	\$ 4,000
ECS Reuse Pump No. 3 Check Valve	06/2011	2036	2038	\$ 4,000
ECS Reuse Pump No. 3 Assembly	06/2011	2026	2027	\$ 4,320
ECS Reuse Pump No. 3 Motor	06/2011	2026	2027	\$ 32,800
ECS Reuse Pump No. 3 VFD	12/2012	2032	2034	\$ 17,000
ECS Reuse Pump No. 3	06/2011	2026	2027	\$ 38,880
ECS Slide Gate Actuator No. 1	06/2011	2026	2029	\$ 5,329
ECS Slide Gate No. 1	06/2011	2031	2034	\$ 7,993
ECS Slide Gate No. 2	06/2011	2031	2034	\$ 7,993
ECS Slide Gate Actuator No. 2	06/2011	2026	2029	\$ 5,329
PEB Automatic Transfer Switch No. 1	12/2009	2029	2036	\$ 2,405
PEB Automatic Transfer Switch No. 2	12/2009	2029	2036	\$ 2,405
PEB Automatic Transfer Switch No. 3	12/2009	2029	2036	\$ 2,405
PEB Automatic Transfer Switch No. 4	12/2009	2029	2036	\$ 2,405
Sodium Hypochlorite (Bleach) Pump No. 1	03/2009	2019	2020	\$ 15,000
Sodium Hypochlorite (Bleach) Storage Tank Level Meter	03/2009	2016	2019	\$ 2,500
Sodium Hypochlorite (Bleach) Storage Tank	03/2009	2034	2039	\$ 30,000
Sodium Hydroxide (Caustic) Pump No.1	03/2009	2019	2021	\$ 25,000
Sodium Hydroxide (Caustic) Pump No. 2	03/2009	2019	2021	\$ 25,000
Sodium Hydroxide (Caustic) Storage Tank Level Meter	03/2009	2016	2019	\$ 2,500
Sodium Hydroxide (Caustic) Storage Tank	03/2009	2034	2039	\$ 30,000
EQ Odor Control System Control Panel No.1	03/2009	2029	2031	\$ 20,000
Chemical Storage Tanks Control Panel	03/2009	2029	2034	\$ 12,000
EQ OC Automatic Transfer Switch	03/2009	2024	2024	\$ 5,000
EQ OC Lighting (And Contactor)	03/2009	2029	2036	\$ 2,500
EQ OC 480V Panelboard	03/2009	2029	2030	\$ 2,500
EQ OC 208/120V Panelboard - MiniPowerZone	03/2009	2029	2030	\$ 12,000
Media Scrubber Recirculation Pump No. 1 -spare	10/2017	2027	2029	\$ 11,630
Media Scrubber Recirculation Pump No. 2	10/2017	2027	2029	\$ 11,630
EQ OC Packed Bed Scrubber No. 1	03/2009	2029	2032	\$ 65,000
EQ/OC Manual Hoist & 1/2 ton Crane	05/2016	2041	2048	\$ 283
EQE/Fine Screen 30" Isolation Valve Actuator	03/2009	2029	2034	\$ 14,400
EQE/Fine Screen V-06A61 18" Flow Control Actuator	03/2009	2024	2027	\$ 24,000
EQE/Fine Screen 12" Flow Control Actuator	03/2009	2024	2027	\$ 8,000
Air Handling System Fan Blade No. 1	03/2009	2024	2026	\$ 75,000
Air Handling System Fan Blade Motor No. 1	03/2009	2024	2026	\$ 50,000
Air Handling System Duct Work	03/2009	2029	2032	\$ 350,000
Equalization Storage Tank No. 1 Effluent Vault No. 1	03/2009	2049	2060	\$ 70,000
Equalization Storage Tank No.1 - 30" Effluent Valve Actuator No. 1	03/2009	2029	2034	\$ 6,000
Equalization Storage Tank No.2 - 30" Effluent Valve Actuator No. 1	03/2009	2029	2034	\$ 6,000
Equalization Storage Tank No. 2 Effluent Vault No. 1	03/2009	2049	2060	\$ 70,000
Equalization Storage Tanks Influent/Diversion Vault No. 1	03/2009	2049	2060	\$ 60,000
Equalization Storage Tanks Balance Line Drain Actuator	03/2009	2029	2034	\$ 6,000
Equalization Storage Tank No.1 - 42" Influent Valve Actuator No. 1	03/2009	2029	2034	\$ 6,000
Equalization Storage Tank No.2 - 42" Influent Valve Actuator No. 1	03/2009	2029	2034	\$ 6,000
Equalization Storage Tanks Diversion Valve Actuator No. 1	03/2009	2029	2034	\$ 6,000
EQE/Fine Screen 30" Isolation Valve	03/2009	2029	2032	\$ 15,600
Primary Sed./Fine Screen 42" Flow Control Valve Actuator	03/2009	2029	2032	\$ 24,000
Primary Sed./Fine Screen 42" Flow Control Valve	03/2009	2029	2031	\$ 26,000
EQE/Fine Screen V-06A61 18" Flow Control Valve	03/2009	2029	2032	\$ 26,000
EQE/Fine Screen 12" Flow Control Valve	03/2009	2029	2032	\$ 12,000
Equalization Tank No. 1	03/2009	2049	2054	\$ 7,000,000
Equalization Tank No. 1 Surge & Lightning Protection	03/2009	2021	2024	\$ 2,000
Equalization Tank No. 1 Level Meter (Hydroranger)	03/2009	2016	2019	\$ 700
Equalization Tank No. 1 Transducer	03/2009	2016	2019	\$ 2,500
Equalization Storage Tank No. 1 Combustible Gas Detector No. 1	03/2009	2016	2016	\$ 2,200
Equalization Storage Tank No. 2 Combustible Gas Detector No. 1	03/2009	2016	2016	\$ 2,200
Equalization Storage Tank No. 2 Petroleum Detector No. 1	03/2009	2016	2016	\$ 2,200
Equalization Tank No. 2 Transducer	03/2009	2016	2019	\$ 2,500
Equalization Tank No. 2 Level Meter (Hydroranger)	03/2009	2016	2019	\$ 700
Equalization Tank No. 2 Surge & Lightning Protection	03/2009	2021	2024	\$ 2,000

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
Equalization Tank No. 2	03/2009	2049	2051	\$ 7,000,000
Equalization Storage Tank No. 1 Petroleum Detector No. 1	03/2009	2016	2016	\$ 2,200
Equalization Tanks Control Panel No. 1	03/2009	2029	2034	\$ 34,000
Equalization Storage Tanks 30" Effluent Meter No. 1	03/2009	2029	2031	\$ 6,000
FSL Drum Room H2S Gas Detector No.1	05/2010	2017	2017	\$ 3,000
FSL Drum Room Gas Detector - Methane No.2	05/2010	2017	2017	\$ 3,000
FSL Drum Room Gas Detector - Methane No.3	05/2010	2017	2017	\$ 3,000
Fine Screen Ultrasonic Level Transducer No. 1	05/2010	2017	2018	\$ 2,600
Fine Screen Ultrasonic Level Transducer No. 2	05/2010	2017	2018	\$ 2,600
Fine Screen Ultrasonic Level Transducer No. 3	05/2010	2017	2018	\$ 2,600
Fine Screen Ultrasonic Level Transducer No. 4	05/2010	2017	2018	\$ 2,600
FSL Drum Room H2S Gas Detector No. 4	05/2010	2017	2017	\$ 3,000
Fine Screen No. 1 Gearbox	05/2010	2020	2021	\$ 168,000
Fine Screen V-06B31 From Tank No. 1 To Inlet Box Valve	05/2010	2030	2037	\$ 5,000
Fine Screen No. 1 ASM	05/2010	2030	2031	\$ 312,000
Fine Screen to Liquid Separators No.1 And No.3 Actuator	05/2010	2030	2037	\$ 5,000
Fine Screen to Liquid Separators No.1 And No.3	05/2010	2030	2035	\$ 5,000
Fine Screen No. 1 Motor	05/2010	2020	2021	\$ 114,000
Fine Screen No. 1 Spray Water Valve Actuator	05/2010	2030	2037	\$ 6,000
Fine Screen From Tank No. 1 To Inlet Box Actuator	05/2010	2025	2029	\$ 3,000
Fine Screenings Transfer Pump No. 2 Motor	05/2010	2020	2023	\$ 4,600
Fine Screenings Conditioning Tank No. 1	05/2010	2030	2037	\$ 5,000
Fine Screen No. 1 Spray Water Valve	05/2010	2030	2035	\$ 1,040
Fine Screenings Transfer Pump No. 1 Motor	05/2010	2025	2029	\$ 4,600
Fine Screenings Transfer Pump No. 1	05/2010	2020	2023	\$ 5,400
Fine Screenings Transfer Pump No. 2	05/2010	2020	2023	\$ 5,400
Fine Screen Drum Screen No.1	03/2018	2038	2045	\$ 86,189
Fine Screen No. 1 Inlet Gate Actuator	05/2010	2030	2037	\$ 9,600
Fine Screen No. 1 Outlet Gate Actuator	05/2010	2030	2037	\$ 8,000
Fine Screen No. 1 Inlet Gate	05/2010	2030	2035	\$ 10,400
Fine Screen No. 1 Outlet Gate	05/2010	2030	2035	\$ 12,000
Fine Screen No. 2 Outlet Gate	05/2010	2030	2035	\$ 12,000
Fine Screen No. 2 Inlet Gate	05/2010	2030	2035	\$ 20,000
Fine Screen No. 2 Outlet Gate Actuator	05/2010	2030	2037	\$ 8,000
Fine Screen No. 2 Inlet Gate Actuator	05/2010	2030	2037	\$ 960
Fine Screen Drum Screen No. 2	03/2018	2038	2045	\$ 86,189
Fine Screenings Transfer Pump No. 3	05/2010	2020	2023	\$ 5,400
Fine Screenings Transfer Pump No. 4	05/2010	2020	2023	\$ 5,400
Fine Screenings Transfer Pump No. 3 Motor	05/2010	2025	2029	\$ 4,600
Fine Screenings Transfer Pump No. 4 Motor	05/2010	2025	2029	\$ 4,600
Fine Screen No. 2 Spray Water Valve	05/2010	2030	2035	\$ 1,040
Fine Screenings Conditioning Tank No. 2	05/2010	2030	2037	\$ 5,000
Fine Screen From Tank No. 2 To Inlet Box Actuator	05/2010	2030	2037	\$ 3,000
Fine Screen No. 2 Spray Water Valve Actuator	05/2010	2030	2037	\$ 960
Fine Screen No. 2 Motor	05/2010	2020	2021	\$ 120,000
Fine Screen to Liquid Separators No.2 And No.4	05/2010	2030	2035	\$ 5,000
Fine Screen to Liquid Separators No.2 And No. 4 Actuator	05/2010	2030	2037	\$ 5,000
Fine Screen No. 2 ASM	05/2010	2030	2031	\$ 312,000
Fine Screen V-06B33 From Tank No. 2 To Inlet Box Valve	05/2010	2030	2037	\$ 5,000
Fine Screen No. 2 Gearbox	05/2010	2020	2021	\$ 168,000
FSL Air Cooled Condenser	05/2010	2025	2029	\$ 50,000
FSL DX Air Handling Unit	05/2010	2025	2029	\$ 75,000
FSL FRP Axial Supply Fan No. 1	05/2010	2025	2029	\$ 10,000
Fine Screen Lime Unloading Blower ASM	05/2010	2025	2029	\$ 1,400
Fine Screen Lime Unloading Blower FCP	05/2010	2030	2037	\$ 5,000
FSL Lime Bulk Off loading Blower Motor	05/2010	2025	2029	\$ 5,200
FSL Lime Bulk Off loading Blower	05/2010	2030	2037	\$ 3,400
FSL Air Dryer For Compressed Air System. No.1	05/2010	2020	2022	\$ 5,000
FSL Air Compressor No. 1	05/2010	2020	2021	\$ 4,950
FSL Air Compressor Motor No.1	05/2010	2020	2021	\$ 4,500
FSL Air Compressor ASM No. 1	05/2010	2020	2021	\$ 550
FSL Compressed Air FCP No.1	05/2010	2030	2033	\$ 5,000
FSL Compressed Air FCP No.2	05/2010	2030	2033	\$ 5,000
FSL Air Compressor ASM No. 2	05/2010	2020	2021	\$ 550

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
FSL Air Compressor Motor No.2	05/2010	2020	2021	\$ 4,500
FSL Air Compressor No. 2	05/2010	2020	2021	\$ 4,950
FSL Air Dryer For Compressed Air System. No. 2	05/2010	2020	2022	\$ 5,000
FSL Sulfuric Acid Feed Tank	05/2010	2030	2037	\$ 15,000
FSL Automatic Transfer Switch	05/2010	2030	2031	\$ 2,405
FSL Electric Unit Heater No. 1	05/2010	2020	2023	\$ 2,000
FSL Electric Unit Heater No. 2	05/2010	2020	2023	\$ 2,000
Fine Screen Lighting Contactor	05/2010	2030	2037	\$ 2,500
Fine Screen Motor Control Center	05/2010	2030	2031	\$ 53,045
Fine Screen Lime - MCC-0601 SCREENINGS TRANSFER PUMP No 1 1-D	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 SCREENINGS TRANSFER PUMP No 3 1-E	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 COMPRESSOR No 2 1-F	05/2010	2025	2027	\$ 39,043
Fine Screen Lime - MCC-0601 BLOWER 2-A	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 LIME SLURRY FEED PUMP NO. 1 VFD 2-B	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 LIME SLURRY FEED PUMP NO 3 VFD 2-C	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 EXHAUST FAN 2-D	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 SILO NO. 1 VENT FILTER 3-A	05/2010	2025	2029	\$ 5,292
Fine Screen Lime - MCC-0601 LIME FEEDER NO. 1 3-B	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 BIN ACTIVATOR NO. 1 3-C	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 SLAKER NO. 1 MIXER 3-D	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 GRIT SEPARATOR NO. 1 3-E	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 LIME SLURRY TANK NO. 1 MIXER 3-F	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 SURGE PROTECTION DEVICE 4-A	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 METER 4-B	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 AUTOMATIC TRANSFER SWITCH "A" FEED 4-C	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 FINE SCREEN NO.1 4-D	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 MAIN BREAKER "A" FEED 5-A	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 EQ ODOR CONTROL FACILITY TRANSFER SWITCH €	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 TIE BREAKER 6-B	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 MAIN BREAKER B 7-A	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 TVSS 8-A	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 METERING 8-B	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 AUTOMATIC TRANSFER SWITCH B 8-C	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 FINE SCREEN 2 8-D	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 SILO 2 VENT FILTER 9-A	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 LIME FEEDER 2 9-B	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 BIN ACTIVATOR 2 9-C	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 SLAKER 2 MIXER 9-D	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 GRIT SEPERATOR 2 9-E	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 LIME SLURRY TANK 2 MIXER 9-F	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 COMPRESSOR 1 10-B	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 LIME SLURRY FEED PUMP 2 10-C	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 SUPPLY FAN 10-D	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 EXHAUST FAN 10-E	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 SCREENINGS TRANSFER PUMP 2 11-C	05/2010	2025	2027	\$ 5,292
Fine Screen Lime - MCC-0601 SCREENINGS TRANSFER PUMP 4 11-D	05/2010	2025	2027	\$ 5,292
Fine Screen 480V Panelboard No. 1	05/2010	2030	2032	\$ 787
Fine Screen 480V Panelboard No. 2	05/2010	2030	2032	\$ 578
Fine Screen 480V Panelboard No. 3	05/2010	2030	2032	\$ 578
Fine Screen 208/120V Panelboard No. 4	05/2010	2030	2032	\$ 253
Fine Screen 208/120V Panelboard No. 5	05/2010	2030	2032	\$ 311
Fine Screen Dry Type Transformer No. 1	05/2010	2030	2032	\$ 910
FSL Dry Type Transformer No. 2	05/2010	2030	2032	\$ 830
FSL Dry Type Transformer No. 3	05/2010	2030	2032	\$ 830
Fine Screen Lime Slurry Feed Pump No. 1	05/2010	2025	2027	\$ 500
Fine Screen Lime Slurry Feed Pump No. 1 ASM	05/2010	2025	2027	\$ 10,500
Lime Slurry Feed Pump No. 1 Gearbox	05/2010	2025	2027	\$ 5,500
Fine Screen Lime Slurry Feed Pump No. 1 Motor	05/2010	2025	2027	\$ 8,500
Fine Screen Lime Slurry Feed Pump No. 1 VFD	05/2010	2030	2037	\$ 3,000
Fine Screen Lime Slurry Feed Pump No. 2 VFD	05/2010	2030	2037	\$ 3,000
Fine Screen Lime Slurry Feed Pump No. 2 Motor	05/2010	2025	2027	\$ 8,500
Fine Screen Lime Slurry Feed Pump No. 2 Gearbox	05/2010	2025	2027	\$ 5,500
Fine Screen Lime Slurry Feed Pump No. 2 ASM	05/2010	2025	2027	\$ 10,500
Fine Screen Lime Slurry Feed Pump No. 2	05/2010	2025	2027	\$ 500

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
Fine Screen Lime Slurry Feed Pump No. 3	05/2010	2025	2027	\$ 500
Fine Screen Lime Slurry Feed Pump No. 3 ASM	05/2010	2025	2027	\$ 10,500
Fine Screen Lime Slurry Feed Pump No. 3 Gearbox	05/2010	2020	2021	\$ 5,500
Fine Screen Lime Slurry Feed Pump No. 3 Motor	05/2010	2025	2027	\$ 8,500
Fine Screen Lime Slurry Feed Pump No. 3 VFD	05/2010	2030	2037	\$ 3,000
Fine Screen Monorail/Hoist	05/2010	2030	2037	\$ 30,000
Fine Screen Lime Slurry Tank No. 1 Mixer	05/2010	2020	2021	\$ 30,000
Fine Screen Lime Slurry Tank No. 1	05/2010	2035	2038	\$ 35,000
FSL Silo No.1 Pebble Lime Flow Valve	05/2010	2030	2033	\$ 1,040
FSL Slaker No.1 Lime Flow Valve	05/2010	2030	2033	\$ 1,040
Fine Screen Inlet Box Gate Actuator	05/2010	2030	2037	\$ 8,000
Fine Screen Inlet Box Gate	05/2010	2030	2033	\$ 12,000
Fine Screen Bin Activator No. 1	05/2010	2030	2037	\$ 2,000
Fine Screen Lime System No. 1 FCP	05/2010	2030	2033	\$ 10,000
Fine Screen Bin Activator No. 1 Motor	05/2010	2025	2029	\$ 18,000
FSL- Lime Silo No. 1 Dust Collector	05/2010	2030	2037	\$ 10,000
Fine Screen Lime Silo No. 1 (Off Load Silo Panel)	05/2010	2030	2037	\$ 10,000
Fine Screen Lime Silo No. 1 System	05/2010	2035	2038	\$ 20,000
Fine Screen Lime Silo No. 1	05/2010	2035	2038	\$ 180,000
FSL Lime Feeder No. 1 Gearbox	05/2010	2020	2021	\$ 4,000
FSL Lime Feeder No. 1 Motor	05/2010	2025	2027	\$ 10,000
FSL Lime Feeder No. 1	05/2010	2030	2033	\$ 6,000
FSL Slurry Grit Separator No. 1 Motor	05/2010	2025	2028	\$ 8,000
FSL Slurry Grit Separator No. 1	05/2010	2030	2035	\$ 12,000
Fine Screen Lime PanelView Plus 7 Terminal No1	08/2017	2025	2027	\$ 5,573
Fine Screen Lime PanelView Plus 7 Terminal No2	08/2017	2025	2027	\$ 5,573
FSL Lime Slaker No. 1 Motor	05/2010	2025	2027	\$ 20,000
FSL- Lime Slaker No. 1	05/2010	2035	2038	\$ 30,000
FSL Slaked Lime Flow Valve No. 1 Actuator	05/2010	2025	2028	\$ 960
FSL Silo No.1 Pebble Lime Flow Valve Actuator	05/2010	2025	2029	\$ 960
FSL Silo No.2 Pebble Lime Flow Valve Actuator	05/2010	2025	2029	\$ 2,000
FSL Slaked Lime Flow Valve No. 2 Actuator	05/2010	2025	2028	\$ 800
FSL- Lime Slaker No. 2	05/2010	2035	2038	\$ 30,000
FSL Slurry Grit Separator No. 2	05/2010	2030	2035	\$ 12,000
FSL Slurry Grit Separator No. 2 Motor	05/2010	2025	2028	\$ 8,000
FSL Lime Feeder No. 2	05/2010	2030	2033	\$ 20,000
FSL Lime Feeder No. 2 Motor	05/2010	2025	2027	\$ 10,000
FSL Lime Feeder No. 2 Gearbox	05/2010	2020	2021	\$ 4,000
Fine Screen Lime Silo No. 2	05/2010	2035	2038	\$ 180,000
Fine Screen Lime Silo No. 2 System	05/2010	2035	2038	\$ 20,000
Fine Screen Lime Silo No. 2 (Off Load Silo Panel)	05/2010	2030	2037	\$ 10,000
FSL- Lime Silo No. 2 Dust Collector	05/2010	2030	2037	\$ 10,000
Fine Screen Bin Activator No. 2 Motor	05/2010	2025	2029	\$ 18,000
Fine Screen Lime System No. 2 FCP	05/2010	2030	2033	\$ 10,000
Fine Screen Bin Activator No. 2	05/2010	2030	2037	\$ 2,000
Fine Screen Lime Slaker No. 2 Motor	05/2010	2025	2027	\$ 20,000
FSL Slaker No.2 Lime Flow Valve	05/2010	2030	2033	\$ 1,200
Fine Screen Pebble Lime Flow Valve No. 2	05/2010	2030	2033	\$ 2,000
FSL Silo No.2 Pebble Lime Flow Valve	05/2010	2025	2027	\$ 960
Fine Screen Lime Slurry Tank No. 2	05/2010	2035	2038	\$ 35,000
Fine Screen Lime Slurry Tank No. 2 Mixer	05/2010	2020	2021	\$ 18,000
Fine Screen Lime Slurry Tank No. 2 Mixer Motor	05/2010	2025	2027	\$ 12,000
Fine Screen Direct-fired Makeup Air Unit	05/2010	2025	2028	\$ 50,000
Fine Screen Roll-Up Door Motor	05/2010	2030	2037	\$ 15,762
Fine Screen Lime Roll-Up Door Motor	05/2010	2030	2037	\$ 15,762
FSL Manual Hoist	05/2010	2035	2042	\$ 2,000
FSL Optiflux 2000 - 24" Mag Flow Meter	05/2010	2030	2033	\$ 11,000
FSL Optiflux 2000 - 42" Mag Flow Meter	05/2010	2030	2032	\$ 28,000
FSL DCS Workstation	05/2010	2017	2020	\$ 5,000
FSL DCS Cabinet/System	05/2010	2030	2032	\$ 120,000
Backflow Preventer 2" FSL-W1	05/2010	2030	2031	\$ 5,627
Fine Screen Thermal Flow Switch No. 8	05/2010	2017	2017	\$ 2,600
Fine Screen Thermal Flow Switch No. 9	05/2010	2017	2017	\$ 2,600
Fine Screen Propeller Wall Exhaust Fan No. 1	05/2010	2025	2029	\$ 5,000

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
Fine Screen Propeller Wall Exhaust Fan No. 2	05/2010	2025	2029	\$ 5,000
Fine Screen Propeller Wall Exhaust Fan No. 3	05/2010	2025	2029	\$ 5,000
Fine Screen Propeller Wall Exhaust Fan No. 4	05/2010	2025	2029	\$ 5,000
IPS Gas Detector-Petroleum	10/2009	2016	2017	\$ 3,000
IPS Gas Detector-Methane	10/2009	2016	2017	\$ 3,000
IPS Gas Detector	10/2009	2016	2017	\$ 3,000
IPS Gas Detector	10/2009	2016	2017	\$ 3,000
IPS Macerator No. 1 FCP	10/2009	2029	2031	\$ 17,485
IPS Macerator Gearbox No. 1	10/2009	2019	2020	\$ 31,466
IPS Macerator No. 1 Gearbox Motor (A)	10/2009	2019	2020	\$ 1,573
IPS Macerator No. 1 Drum Screen Motor (B)	10/2009	2019	2021	\$ 3,147
IPS Macerator No. 1 Drum Screen Motor (C)	10/2009	2019	2021	\$ 3,147
IPS Macerator No. 1	10/2009	2019	2021	\$ 105,412
IPS Macerator ASM No. 1	10/2009	2019	2021	\$ 12,586
IPS Macerator No. 2	10/2009	2019	2021	\$ 105,412
IPS Macerator No. 2 Gearbox Motor (A)	10/2009	2019	2020	\$ 1,573
IPS Macerator No. 2 Drum Screen Motor (B)	10/2009	2019	2021	\$ 3,147
IPS Macerator No. 2 Drum Screen Motor (C)	10/2009	2019	2021	\$ 3,147
IPS Macerator Gearbox No. 2	10/2009	2019	2020	\$ 31,466
IPS Macerator No. 2 FCP	10/2009	2029	2031	\$ 17,485
IPS Macerator ASM No. 2	10/2009	2019	2021	\$ 12,586
IPS Macerator ASM No. 3	10/2009	2019	2021	\$ 12,586
IPS Macerator No. 3 FCP	10/2009	2029	2031	\$ 17,485
IPS Macerator Gearbox No. 3	10/2009	2019	2020	\$ 31,466
IPS Macerator No. 3 Gearbox Motor (A)	10/2009	2019	2020	\$ 1,573
IPS Macerator No. 3 Drum Screen Motor (B)	10/2009	2019	2021	\$ 3,147
IPS Macerator No. 3 Drum Screen Motor (C)	10/2009	2019	2021	\$ 3,147
IPS Macerator No. 3	10/2009	2019	2021	\$ 105,412
IPS Pump No. 1 Discharge Valve	10/2009	2029	2036	\$ 8,000
IPS Pump No. 2 Discharge Valve	10/2009	2029	2036	\$ 8,000
IPS Pump No. 3 Discharge Valve	10/2009	2029	2036	\$ 8,000
IPS Pump No. 4 Discharge Valve	10/2009	2029	2036	\$ 8,000
IPS Pump No. 1 Air Release Valve	10/2009	2024	2025	\$ 1,250
IPS Pump No. 2 Air Release Valve	10/2009	2024	2025	\$ 1,250
IPS Pump No. 3 Air Release Valve	10/2009	2024	2025	\$ 1,250
IPS Pump No. 4 Air Release Valve	10/2009	2024	2025	\$ 1,250
IPS Pump No. 1 Hydraulic Check Valve	10/2009	2029	2030	\$ 36,000
IPS Pump No. 2 Hydraulic Check Valve	10/2009	2029	2030	\$ 36,000
IPS Pump No. 3 Hydraulic Check Valve	10/2009	2029	2030	\$ 36,000
IPS Pump No. 4 Hydraulic Check Valve	10/2009	2029	2030	\$ 36,000
Actuator, Influent Pump Station Sluice Gate No. 1 Rotork, 2R26090101	09/2018	2038	2039	\$ 12,620
IPS Main Influent Gate	10/2009	2029	2032	\$ 32,597
IPS Macerator No. 1 Inlet Gate	10/2009	2029	2032	\$ 19,207
IPS Macerator No. 1 Outlet Gate	10/2009	2029	2036	\$ 19,207
IPS Macerator No. 2 Inlet Gate	10/2009	2029	2032	\$ 19,207
IPS Macerator No. 2 Outlet Gate	10/2009	2029	2036	\$ 19,207
IPS Macerator No. 3 Inlet Gate	10/2009	2029	2032	\$ 19,207
IPS Macerator No. 3 Outlet Gate	10/2009	2029	2036	\$ 19,207
IPS Influent Channel North Inlet Gate	10/2009	2029	2036	\$ 19,207
IPS Wet Well No. 1 North Gate	10/2009	2029	2036	\$ 19,207
IPS Influent Pump No. 1 Inlet Gate	10/2009	2029	2036	\$ 19,207
IPS Influent Pump No. 2 Inlet Gate	10/2009	2029	2036	\$ 19,207
IPS Wet Well No. 1 & 2 Diversion Gate	10/2009	2029	2036	\$ 19,207
IPS Influent Pump No. 3 Inlet Gate	10/2009	2029	2036	\$ 19,207
IPS Influent Pump No. 4 Inlet Gate	10/2009	2029	2036	\$ 19,207
IPS Influent Channel South Gate	10/2009	2029	2036	\$ 19,207
IPS Wet Well No. 2 South Gate	10/2009	2029	2036	\$ 19,207
Influent Pump No. 1	10/2009	2019	2020	\$ 100,000
Influent Pump No. 2	10/2009	2019	2020	\$ 100,000
Influent Pump No. 3	10/2009	2019	2020	\$ 100,000
Influent Pump No. 4	10/2009	2019	2020	\$ 100,000
IPS Transducer	10/2009	2019	2021	\$ 2,300
IPS Transducer	10/2009	2016	2018	\$ 2,300
IPS High level Indicator No. 1	10/2009	2016	2019	\$ 3,104

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
IPS Thermal Flow Switch	10/2009	2016	2018	\$ 2,600
IPS Odor Control Fan	10/2009	2024	2026	\$ 2,000
TSP Auto Dialer (Alarm Annunciation)	11/2007	2017	2021	\$ 2,921
TSP Pump Control Panel	11/2007	2027	2028	\$ 20,780
TSP Pump Controller No. 1	11/2007	2014	2016	\$ 4,073
TSP Pump Controller No. 2	11/2007	2014	2016	\$ 4,073
TSP Combustible Gas Detector	11/2007	2014	2016	\$ 4,506
TSP Macerator ASM No. 1	09/2012	2022	2025	\$ 6,520
TSP Macerator No 1 Factory Control Panel	09/2012	2037	2042	\$ 25,000
TSP Macerator No.1 Gearbox No. 3	09/2012	2022	2025	\$ 13,040
TSP Macerator No.1 Gearbox No. 5	09/2012	2022	2025	\$ 13,040
TSP Macerator No. 1 Drum Screen Motor (B)	09/2012	2022	2025	\$ 29,340
TSP Macerator No. 1 Drum Screen Motor (C)	09/2012	2022	2025	\$ 29,340
TSP Macerator No. 1	09/2012	2022	2025	\$ 58,680
TSP Macerator No.1 Gearbox No. 1	09/2012	2022	2025	\$ 13,040
TSP Macerator Gearbox No. 2	09/2012	2022	2025	\$ 42,380
TSP Macerator No. 2	09/2012	2022	2025	\$ 85,086
TSP Macerator No. 2 Drum Screen Motor (B)	09/2012	2022	2025	\$ 13,040
TSP Macerator No. 2 Drum Screen Motor (C)	09/2012	2022	2025	\$ 13,040
TSP Macerator No 2 Factory Control Panel	09/2012	2037	2042	\$ 25,000
TSP Macerator ASM No.2	09/2012	2022	2025	\$ 9,454
TSP Submersible Pump No. 1	11/2007	2017	2018	\$ 59,500
TSP Submersible Pump No. 3	10/2012	2022	2023	\$ 59,500
TSP Pump No 1 Variable Frequency Speed Drive (VFD)	11/2007	2014	2016	\$ 21,500
TSP Pump No 2 Variable Frequency Speed Drive (VFD)	11/2007	2014	2016	\$ 21,500
IPSE Dry Type Transformer	10/2009	2029	2031	\$ 910
IPSE Dry Type Transformer	10/2009	2029	2031	\$ 830
IPSE Unit Substation Transformer	10/2009	2029	2030	\$ 71,153
IPSE Unit Substation Transformer	10/2009	2029	2030	\$ 71,153
IPSE Automatic Transfer Switch	10/2009	2029	2031	\$ 2,405
IPSE 480V Panelboard	10/2009	2029	2031	\$ 596
IPSE 480V Panelboard	10/2009	2029	2031	\$ 743
IPS Electrical Building Electrical Panel Board	10/2009	2029	2032	\$ 311
IPSE Air-Cooled Condenser	10/2009	2024	2026	\$ 250,000
IPSE Split System Air Handling Unit	10/2009	2024	2026	\$ 50,000
IPS Influent Pump No. 1 VFD	10/2009	2029	2030	\$ 63,625
IPS Influent Pump No. 2 VFD	10/2009	2029	2030	\$ 63,625
IPS Influent Pump No. 3 VFD	10/2009	2029	2030	\$ 63,625
IPS Influent Pump No. 4 VFD	10/2009	2029	2030	\$ 63,625
IPSE Low Voltage Switchgear	10/2009	2029	2030	\$ 117,741
IPS Flygt Factory Control Panel No. 1	10/2009	2029	2034	\$ 10,000
IPS Flygt Factory Control Panel No. 2	10/2009	2029	2034	\$ 10,000
IPS Flygt Factory Control Panel No. 3	10/2009	2029	2034	\$ 10,000
IPS Flygt Factory Control Panel No. 4	10/2009	2029	2034	\$ 10,000
Backflow Preventer 2' MBR-W1	06/2011	2031	2032	\$ 5,840
MBR Air-Cooled Condenser	06/2011	2021	2022	\$ 56,965
MBR Vane Axial Exhaust Fan No. 1 ASM	06/2011	2031	2034	\$ 2,663
MBR Vane Axial Exhaust Fan Blade Motor No. 1	06/2011	2031	2034	\$ 3,906
MBR Vane Axial Exhaust Fan Blade No. 1 (F-0803)	06/2011	2031	2034	\$ 2,308
MBR Vane Axial Exhaust Fan Blade No. 2 (F-0804)	06/2011	2031	2034	\$ 2,308
MBR Vane Axial Exhaust Fan Blade Motor No. 2	06/2011	2031	2034	\$ 3,906
MBR Vane Axial Exhaust Fan No. 2 ASM	06/2011	2031	2034	\$ 2,663
MBR Vane Axial Exhaust Fan No. 3 ASM	06/2011	2031	2038	\$ 3,306
MBR Vane Axial Exhaust Fan Blade Motor No. 3	06/2011	2031	2038	\$ 4,849
MBR Vane Axial Exhaust Fan Blade No. 3 (F-0805)	06/2011	2031	2038	\$ 2,865
MBR Vane Axial Exhaust Fan Blade No. 4 (F-0806)	06/2011	2031	2038	\$ 2,865
MBR Vane Axial Exhaust Fan Blade Motor No. 4	06/2011	2031	2038	\$ 4,849
MBR Vane Axial Exhaust Fan No. 4 ASM	06/2011	2031	2038	\$ 3,306
MBR Split System Air Handling Unit	06/2011	2031	2033	\$ 57,820
MBR Air Scour Blower No. 1 ASM	06/2011	2026	2027	\$ 24,576
MBR Air Scour Blower No. 1 Blow-Off Valve Actuator	06/2011	2026	2029	\$ 2,841
MBR Air Scour Blower No. 1 Blow-Off Valve	06/2011	2031	2032	\$ 3,078
MBR Air Scour Blower No. 1 Discharge Silencer	06/2011	2026	2030	\$ 5,975
MBR Air Scour Blower No. 1 FCP	06/2011	2036	2037	\$ 72,691

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
MBR Air Scour Blower No. 1 Discharge Valve Actuator	06/2011	2026	2029	\$ 1,494
MBR Air Scour Blower No. 1A Junction Box	06/2011	2031	2032	\$ 4,237
MBR Air Scour Blower No. 1B Junction Box	06/2011	2031	2032	\$ 4,237
MBR Air Scour Blower No. 1 Discharge Valve	06/2011	2031	2032	\$ 13,445
MBR Air Scour Blower No. 1 Discharge Silencer	06/2011	2026	2030	\$ 6,000
MBR Air Scour Blower No. 1 Aux Lube Oil Pump	06/2011	2026	2030	\$ 12,712
MBR Air Scour Blower No. 1 Main Lube Oil Pump	06/2011	2026	2027	\$ 12,712
Membrane Biological Reactor Air Scour Blower No. 1 Motor	06/2011	2026	2027	\$ 144,065
MBR Mass Air Flow Transmitter	06/2011	2026	2027	\$ 15,000
MBR Air Scour Blower No. 1	06/2011	2026	2027	\$ 221,182
MBR Air Scour Blower No. 2	06/2011	2026	2027	\$ 221,182
Membrane Biological Reactor Air Scour Blower No. 2 Motor	06/2011	2026	2027	\$ 144,065
MBR Air Scour Blower No. 2 Main Lube Oil Pump	06/2011	2026	2027	\$ 12,712
MBR Air Scour Blower No. 2 Aux Lube Oil Pump	06/2011	2026	2030	\$ 12,712
MBR Air Scour Blower No. 2 Discharge Silencer	06/2011	2026	2030	\$ 6,000
MBR Air Scour Blower No. 2 Discharge Valve	06/2011	2031	2032	\$ 13,445
MBR Air Scour Blower No. 2A Junction Box	06/2011	2031	2032	\$ 4,237
MBR Air Scour Blower No. 2B Junction Box	06/2011	2031	2032	\$ 4,237
MBR Air Scour Blower No. 2 Discharge Valve Actuator	06/2011	2026	2029	\$ 1,494
MBR Air Scour Blower No. 2 FCP	06/2011	2036	2037	\$ 72,691
MBR Air Scour Blower No. 2 Discharge Silencer	06/2011	2026	2030	\$ 5,975
MBR Air Scour Blower No. 2 Blow-Off Valve	06/2011	2031	2032	\$ 3,078
MBR Air Scour Blower No. 2 Blow-Off Valve Actuator	06/2011	2026	2029	\$ 2,841
MBR Air Scour Blower No. 2 ASM	06/2011	2026	2027	\$ 24,576
MBR Air Scour Blower No. 3 ASM	06/2011	2026	2027	\$ 24,576
MBR Air Scour Blower No. 3 Blow-Off Valve Actuator	06/2011	2026	2029	\$ 2,841
MBR Air Scour Blower No. 3 Blow-Off Valve	06/2011	2031	2032	\$ 3,078
MBR Air Scour Blower No. 3 Discharge Silencer	06/2011	2026	2030	\$ 5,975
MBR Air Scour Blower No. 3 FCP	06/2011	2036	2037	\$ 72,691
MBR Air Scour Blower No. 3 Discharge Valve Actuator	06/2011	2026	2029	\$ 1,494
MBR Air Scour Blower No. 3A Junction Box	06/2011	2031	2032	\$ 4,237
MBR Air Scour Blower No. 3B Junction Box	06/2011	2031	2032	\$ 4,237
MBR Air Scour Blower No. 3 Discharge Valve	06/2011	2031	2032	\$ 13,445
MBR Air Scour Blower No. 3 Discharge Silencer	06/2011	2026	2030	\$ 6,000
MBR Air Scour Blower No. 3 Aux Lube Oil Pump	06/2011	2026	2030	\$ 12,712
MBR Air Scour Blower No. 3 Main Lube Oil Pump	06/2011	2026	2027	\$ 12,712
Membrane Biological Reactor Air Scour Blower No. 3 Motor	06/2011	2026	2027	\$ 144,065
MBR Air Scour Blower No. 3 Pilot Tube Type Mass Flow Transmitter	06/2011	2021	2023	\$ 20,000
MBR Air Scour Blower No. 3	06/2011	2026	2027	\$ 221,182
MBR Effluent Channel Air Valve	06/2011	2031	2032	\$ 5,919
MBR FRP Tubeaxial Fan No. 1 ASM	06/2011	2031	2036	\$ 3,523
MBR FRP Tubeaxial Fan Blade No. 1 (F-0807)	06/2011	2031	2036	\$ 3,053
MBR FRP Tubeaxial Fan Blade Motor No. 1	06/2011	2031	2036	\$ 5,167
MBR Back Pulse Pump No. 1	06/2011	2026	2030	\$ 12,233
MBR Back Pulse Pump No. 1 ASM	06/2011	2026	2030	\$ 3,058
MBR Back Pulse Pump No. 1 Mag Flow Meter	06/2011	2031	2038	\$ 7,000
MBR Back Pulse Pump No. 1 Motor	06/2011	2026	2030	\$ 13,026
MBR Back Outlet Valve-Back Pulse Pump No. 1	06/2011	2031	2038	\$ 9,527
MBR Back Pulse Pump No. 1 VFD	06/2011	2031	2038	\$ 18,233
MBR Back Pulse Pump No. 2 VFD	06/2011	2031	2038	\$ 18,233
MBR Back Pulse Pump No. 2 Motor	06/2011	2026	2030	\$ 13,026
MBR Back Pulse Pump No. 2 Mag Flow Meter	06/2011	2031	2038	\$ 7,000
MBR Back Pulse Pump No. 2 ASM	06/2011	2026	2030	\$ 3,058
MBR Back Pulse Pump No. 2	06/2011	2026	2030	\$ 12,233
MBR Ortho Phosphate and Ammonia Analyzer No. 1 (chemscan)	06/2011	2026	2030	\$ 50,000
MBR Basins No. 1	06/2011	2036	2037	\$ 1,600,000
MBR Basins No. 2	06/2011	2036	2039	\$ 1,600,000
MBR Basins No. 3	06/2011	2036	2039	\$ 1,600,000
MBR Basins No. 4	06/2011	2036	2039	\$ 1,600,000
MBR Basins No. 5	06/2011	2036	2039	\$ 1,600,000
MBR Basins No. 6	06/2011	2036	2039	\$ 1,600,000
MBR Basins No. 7	06/2011	2036	2039	\$ 1,600,000
MBR Basins No. 8	06/2011	2036	2039	\$ 1,600,000
MBR Basins No. 9	06/2011	2036	2039	\$ 1,600,000

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
MBR Basins No. 10	06/2011	2036	2037	\$ 1,600,000
MBR WAS/Scum Pump No. 1 ASM	06/2011	2021	2023	\$ 1,492
MBR Secondary Scum Pump No. 1	06/2011	2021	2023	\$ 3,000
MBR WAS/Scum Pump No. 1 Motor	06/2011	2026	2029	\$ 13,768
MBR WAS/Scum Pump No. 1	06/2011	2021	2023	\$ 13,424
MBR WAS/Scum Pump FCP	06/2011	2036	2039	\$ 29,425
MBR WAS/Scum Pump No. 2	06/2011	2021	2023	\$ 13,424
MBR WAS/Scum Pump No. 2 Motor	06/2011	2026	2029	\$ 13,768
MBR WAS/Scum Pump No. 2 ASM	06/2011	2021	2023	\$ 1,492
MBR Effluent Channel Scum Gate No. 1 Actuator	11/2014	2029	2034	\$ 5,886
MBR Effluent Channel Scum Gate	06/2011	2031	2034	\$ 8,828
MBR RAS Fine Screen Inlet Gate Actuator	06/2011	2026	2030	\$ 5,886
Fine Screen RAS Inlet Gate	06/2011	2031	2034	\$ 8,271
MBR Bleach Feed Pump No. 1 ASM	06/2011	2026	2029	\$ 1,875
MBR Bleach Feed Pump No. 1 FCP	06/2011	2036	2041	\$ 14,386
MBR Bleach Feed Pump No. 1 Gearbox	06/2011	2026	2029	\$ 7,412
MBR Bleach Feed Pump No. 1	06/2011	2026	2029	\$ 16,872
MBR Bleach Feed Pump No. 1 Motor	06/2011	2021	2023	\$ 14,823
MBR Bleach Feed Pump No. 1 Suction Valve	06/2011	2031	2036	\$ 2,616
MBR Bleach Feed Pump No. 2 Suction Valve	06/2011	2031	2036	\$ 2,616
MBR Bleach Feed Pump No. 2 Motor	06/2011	2026	2029	\$ 14,823
MBR Bleach Feed Pump No. 2	06/2011	2026	2029	\$ 16,872
MBR Bleach Feed Pump No. 2 Gearbox	06/2011	2026	2029	\$ 7,412
MBR Bleach Feed Pump No. 2 FCP	06/2011	2036	2041	\$ 14,386
MBR Bleach Feed Pump No. 2 ASM	06/2011	2026	2029	\$ 1,875
MBR Bleach Feed Pump No. 3 ASM	06/2011	2026	2030	\$ 2,976
MBR Bleach Feed Pump No. 3 FCP	06/2011	2036	2043	\$ 17,949
MBR Bleach Feed Pump No. 3 Gearbox	06/2011	2026	2030	\$ 11,765
MBR Bleach Feed Pump No. 3	06/2011	2026	2030	\$ 26,782
MBR Bleach Feed Pump No. 3 Motor	06/2011	2026	2030	\$ 23,529
MBR Bleach Feed Pump No. 3 Suction Valve	06/2011	2031	2038	\$ 4,152
MBR Bleach Feed Pump No. 4 Suction Valve	06/2011	2031	2038	\$ 4,152
MBR Bleach Feed Pump No. 4 Motor	06/2011	2026	2030	\$ 23,529
MBR Bleach Feed Pump No. 4	06/2011	2026	2030	\$ 26,782
MBR Bleach Feed Pump No. 4 Gearbox	06/2011	2026	2030	\$ 11,765
MBR Bleach Feed Pump No. 4 FCP	06/2011	2036	2043	\$ 17,949
MBR Bleach Feed Pump No. 4 ASM	06/2011	2026	2030	\$ 2,976
MBR Citric Acid Feed Pump No. 1 ASM	06/2011	2026	2030	\$ 2,055
MBR Citric Acid Feed Pump No. 1 FCP	06/2011	2036	2043	\$ 14,860
MBR Citric Acid Feed Pump No. 1 Gearbox	06/2011	2026	2030	\$ 8,125
MBR Citric Acid Feed Pump No. 1 Motor	06/2011	2026	2030	\$ 16,250
MBR Citric Acid Feed Pump No. 1	06/2011	2026	2030	\$ 18,496
MBR Citric Acid Feed Pump No. 1 Suction Valve	06/2011	2031	2038	\$ 2,868
MBR Citric Acid Feed Pump No. 2 Suction Valve	06/2011	2031	2038	\$ 2,868
MBR Citric Acid Feed Pump No. 2	06/2011	2026	2030	\$ 18,496
MBR Citric Acid Feed Pump No. 2 Motor	06/2011	2026	2030	\$ 16,250
MBR Citric Acid Feed Pump No. 2 Gearbox	06/2011	2026	2030	\$ 8,125
MBR Citric Acid Feed Pump No. 2 FCP	06/2011	2036	2043	\$ 14,860
MBR Citric Acid Feed Pump No. 2 ASM	06/2011	2026	2030	\$ 2,055
MBR Bleach Tank LCP	06/2011	2036	2041	\$ 26,474
MBR Bleach Storage Tank Ultrasonic Level	06/2011	2018	2021	\$ 3,000
MBR Bleach Valve No. 1	06/2011	2031	2036	\$ 9,527
MBR Citric Acid Valve No. 2	06/2011	2031	2038	\$ 5,545
MBR Bleach Storage Tank	06/2011	2036	2041	\$ 20,949
MBR Citric Acid Storage Tank	06/2011	2036	2043	\$ 20,949
MBR Citric Acid Storage Tank Ultrasonic Level	06/2011	2018	2021	\$ 2,156
MBR Citric Acid Storage Tank LCP	06/2011	2031	2038	\$ 2,156
MBR Membranes Main FCP	06/2011	2036	2037	\$ 140,695
MBR Air Dryer No. 01	06/2011	2026	2027	\$ 5,000
MBR Air Compressor No. 1 ASM	06/2011	2026	2027	\$ 601
MBR Air Compressor Motor No. 1	06/2011	2026	2027	\$ 4,613
MBR Air Compressor No. 1 - Air Receiver Tank	06/2011	2026	2027	\$ 3,355
MBR Air Compressor No. 1	06/2011	2026	2027	\$ 5,410
MBR Air Compressor No. 2	06/2011	2026	2027	\$ 5,410

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
MBR Air Compressor No. 2 - Air Receiver Tank	06/2011	2026	2027	\$ 3,355
MBR Air Compressor Motor No. 2	06/2011	2026	2027	\$ 4,613
MBR Air Compressor No. 2 ASM	06/2011	2026	2027	\$ 601
MBR Air Dryer No. 02	06/2011	2026	2027	\$ 5,000
MBR Air Service Compressor No. 3 ASM	06/2011	2026	2030	\$ 49,409
MBR Air Compressor Motor No. 3	06/2011	2026	2030	\$ 37,919
MBR Service Air Compressor Receiver Tank	06/2011	2026	2030	\$ 24,819
MBR Air Compressor Receiver Tank	06/2011	2026	2030	\$ 2,758
MBR Air Compressor No. 4	06/2011	2026	2027	\$ 20,000
MBR Tanks Bridge Crane No. 1 ASM	06/2011	2036	2043	\$ 16,552
MBR Tanks Bridge Crane Gearbox No. 1	06/2011	2031	2038	\$ 9,289
MBR Tanks Bridge Crane Motor No. 1	06/2011	2036	2043	\$ 20,218
MBR Tanks Bridge Crane No. 1	06/2011	2036	2043	\$ 148,972
MBR Blower Room Bridge Crane No. 2	06/2011	2036	2043	\$ 33,115
MBR Blower Room Bridge Crane Motor No. 2	06/2011	2036	2043	\$ 11,921
MBR Blower Room Bridge Crane Gearbox No. 2	06/2011	2031	2038	\$ 9,272
MBR Blower Room Bridge Crane No. 2 ASM	06/2011	2036	2043	\$ 11,921
MBR- RAS Pump Room Bridge Crane (North) No. 3 ASM	06/2011	2036	2043	\$ 6,917
MBR- RAS Pump Room Bridge Crane Gearbox No. 3	06/2011	2031	2038	\$ 10,423
MBR-RAS Pump Room Bridge Crane No. 3	06/2011	2036	2043	\$ 15,160
MBR- RAS Pump Room Bridge Crane No. 3	06/2011	2036	2043	\$ 15,160
MBR-Tank Bridge Crane No. 3	06/2011	2036	2043	\$ 62,251
MBR Tank Drain Pump No. 1 ASM	06/2011	2031	2038	\$ 29,508
MBR Tank Drain Pump Motor No. 1	06/2011	2026	2030	\$ 25,136
MBR Tank Drain Pump No. 1	06/2011	2031	2038	\$ 22,623
MBR Automatic Transfer Switch	06/2011	2031	2032	\$ 5,000
MBR Electric Unit Heater No. 1	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 2	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 3	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 4	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 5	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 6	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 7	06/2011	2026	2030	\$ 23,394
MBR-Electric Unit Heater No. 8	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 9	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 10	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 11	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 12	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 13	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 14	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 15	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 16	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 17	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 18	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 19	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 20	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 21	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 22	06/2011	2026	2030	\$ 23,394
MBR Electric Unit Heater No. 23	06/2011	2026	2030	\$ 23,394
MBR Electrical Low Voltage Switch Gear	06/2011	2031	2032	\$ 199,807
MBR RAS Pump No. 1 VFD Breaker	06/2011	2026	2029	\$ 6,005
MBR RAS Pump No. 2 VFD Breaker	06/2011	2026	2029	\$ 15,285
MBR RAS Pump No. 3 VFD Breaker	06/2011	2026	2029	\$ 15,285
MBR RAS Pump No. 4 VFD Breaker	06/2011	2026	2029	\$ 15,285
MBR RAS Pump No. 5 VFD Breaker	06/2011	2026	2029	\$ 15,285
MBR Automatic Transfer Switch 0801 A Breaker No. 1	06/2011	2026	2029	\$ 5,492
MBR Automatic Transfer Switch 0801 B Breaker No. 2	06/2011	2026	2029	\$ 5,492
MBR Power Tie A Breaker	06/2011	2026	2029	\$ 5,492
MBR Power Tie B Breaker	06/2011	2026	2029	\$ 5,492
MBR MCC 0801 A Breaker	06/2011	2026	2029	\$ 5,492
MBR MCC 0801 B Breaker	06/2011	2026	2029	\$ 5,492
MBR MCC 0802 A Breaker	06/2011	2026	2029	\$ 5,492
MBR MCC 0802 B Breaker	06/2011	2026	2029	\$ 5,492
MBR Service Disconnect-Main A Breaker	06/2011	2026	2028	\$ 5,492

Asset Description	Installation Date	ESL Replacement Year	Performance Replacement Year	Cost of Record
MBR Service Disconnect-Main B Breaker	06/2011	2026	2028	\$ 5,492
MBR Main A Breaker	06/2011	2026	2029	\$ 5,492
MBR Main B Breaker	06/2011	2026	2029	\$ 5,492
MBR TVSS Control	06/2011	2026	2029	\$ 4,577
MBR Main Metering	06/2011	2031	2036	\$ 5,204
MBR Motor Control Center No. 1	06/2011	2031	2032	\$ 100,875
MBR Motor Control Center No. 2	06/2011	2031	2032	\$ 192,701
MBR Motor Control Center 5KV No3	06/2011	2031	2032	\$ 471,200
MBR - MCC-0801 UV POWER DIST CENTER 1-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 CITRIC ACID FEED PUMP 1-B	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 PROCESS BLOWER 1-C	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 UV POWER DIST CENTER 2-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 SODIUM HYPO FEED PUMP 2-B	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 W3 PUMP 1 2-C	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 POWER SUPPLY MIXERS 3-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 BRB 2 MIXER 2-1 3-B	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 BRB 2 MIXER 2-2 3-C	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 BRB 2 MIXER 2-3 3-D	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 BRB 2 MIXER 2-4 3-E	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 BRB 2 MIXER 2-5 3-F	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 POWER SUPPLY MIXERS 4-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 BRB 1 MIXER 1-1 4-B	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 BRB 1 MIXER 1-2 4-C	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 BRB 1 MIXER 1-3 4-D	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 BRB 1 MIXER 1-4 4-E	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 BRB 1 MIXER 1-5 4-F	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 PERMEATE PUMP 1 5-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 PERMEATE PUMP 2 5-B	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 PERMEATE PUMP 3 5-C	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 MEMBRANE TANK DRAIN PUMP 5-D	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 W3 PUMP 1 5-E	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 METERING BUS B 6-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 MAIN LUGS 6-B	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 TVSS 7-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 TIE BREAKER 7-B	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 CIP BACKPULSE PUMP 2 7-C	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 METERING 8-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 MAIN LUGS 8-B	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 TVSS 9-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 PERMEATE PUMP 4 9-B	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 PERMEATE PUMP 5 9-C	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 PERMEATE PUMP 6 9-D	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 MEMBRANE AIR SCOUR BLOWER 2 9-E	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 POWER SUPPLY MIXERS 9-F	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 BRB 3 MIXER 3-1 10-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 BRB 3 MIXER 3-2 10-B	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 BRB 3 MIXER 3-3 10-C	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 BRB 3 MIXER 3-4 10-D	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 BRB 3 MIXER 3-5 10-E	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 SODIUM HYPO FEED PUMP 11-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 SUBNATENT PUMP 1 11-B	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 COMPRESSOR 1 11-C	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 EXHAUST FAN MEZZANINE WEST WALL 11-D	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 EXHAUST FAN MEZZANINE WEST WALL 11-E	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 EXHAUST FAN 12-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 CITRIC ACID FEED PUMP 12-B	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 EXHAUST FAN 12-C	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 EXHAUST FAN 12-D	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 EXHAUST FAN 12-E	06/2011	2026	2028	\$ 5,492
MBR - MCC-0801 EXHAUST FAN 12-F	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 W3 PUMP 3 1-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 SODIUM HYPOCHLORIDE FEED PUMP No 3 2-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 UV POWER DISTRIBUTION CENTER 2-B	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 UV POWER DISTRIBUTION CENTER 2-C	06/2011	2026	2028	\$ 5,492

Asset Description	Installation Date	ESL Replacement Year	Performance Replacement Year	Cost of Record
MBR - MCC-0802 COMPRESSOR No 2 2-D	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 SUBNATENT PUMP No 2 2-E	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 MEMBRANE AIR SCOUR BLOWER No1 2-F	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 POWER SUPPLY MIXERS 3-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 BRB No 4 MIXER 4-1 3-B	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 BRB No 4 Mixer 4-2 3-C	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 BRB No 4 MIXER 4-3 3-D	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 BRB No 4 MIXER 4-4 3-E	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 BRB No 4 MIXER 4-5 3-F	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 PERMEATE PUMP No 8 4-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 PERMEATE PUMP No 7 4-B	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 CIP/BACKPULSE No 1 4-C	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 MAIN LUGS BUS A 4-E	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 SURGE PROTECTION DEVICE SOURCE A 5-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 PROCESS BLOWER No 3 5-B	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 TIE BREAKER 5-C	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 PERMEATE PUMP No 9 SOURCE B 5-D	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 METERING BUS B 6-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 MAIN LUGS BUS B 6-B	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 SURGE PROTECTION DEVICE SOURCE B 7-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 PERMEATE PUMP No 10 7-B	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 WAS/SSM PUMPS 7-C	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 POWER SUPPLY MIXERS 8-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 BRB No 5 MIXER 5-1 8-B	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 BRB No 5 MIXER 5-2 8-C	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 BRB No 5 MIXER 5-3 8-D	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 BRB No 5 MIXER 5-4 8-E	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 BRB No 5 MIXER 5-5 8-F	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 UV POWER DISTRIBUTION CENTER 9-A	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 UV POWER DISTRIBUTION CENTER 9-B	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 SODIUM HYPOCHLORIDE FEED PUMP No 4 9-C	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 PROCESS BLOWER No 2 9-E	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 MEMBRANE AIR SCOUR BLOWER No 3 9-F	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 BRB DRAIN PUMP 9-G	06/2011	2026	2028	\$ 5,492
MBR - MCC-0802 W3 PUMP No 2 10-A	06/2011	2026	2028	\$ 5,492
MEMBRANE AIR SCOUR BLOWER No3, MOTOR STARTER	06/2011	2026	2028	\$ 52,355
PROCESS BLOWER No2, MOTOR STARTER	06/2011	2026	2028	\$ 52,355
MEMBRANE AIR SCOUR BLOWER No2, MOTOR STARTER	06/2011	2026	2028	\$ 52,355
PROCESS BLOWER No1, MOTOR STARTER	06/2011	2026	2028	\$ 52,355
MEMBRANE AIR SCOUR BLOWER No1 , MOTOR STARTER	06/2011	2026	2028	\$ 52,355
PROCESS BLOWER No3, MOTOR STARTER	06/2011	2026	2028	\$ 52,355
MBR 480V Panel board No. 1	06/2011	2031	2032	\$ 12,000
MBR 480V Panel board No. 2	06/2011	2031	2032	\$ 12,000
MBR 480V Panel board No. 3	06/2011	2031	2032	\$ 12,000
MBR 480V Panel board No. 4	06/2011	2031	2032	\$ 12,000
MBR 208/120V Panel board No. 5	06/2011	2031	2032	\$ 7,000
MBR 208/120V Panel board No. 6	06/2011	2031	2032	\$ 7,000
MBR 208/120V Panel board-Minipower Zone No. 7	06/2011	2031	2032	\$ 12,533
MBR 208/120V Panel board-Minipower Zone No. 8	06/2011	2031	2032	\$ 12,533
MBR Unit Substation Transformer No. 1	06/2011	2031	2032	\$ 80,983
MBR Unit Substation Transformer No. 2	06/2011	2031	2032	\$ 80,983
MBR Unit Substation Transformer No. 3	06/2011	2031	2032	\$ 63,887
MBR Unit Substation Transformer No. 4	06/2011	2031	2032	\$ 63,887
MBR Dry Type Transformer No. 5	06/2011	2031	2032	\$ 74,410
MBR Dry Type Transformer No. 6	06/2011	2031	2032	\$ 74,410
MBR Dry Type Transformer No. 7	06/2011	2031	2032	\$ 74,410
MBR Electric Makeup Air Unit	06/2011	2026	2029	\$ 22,973
Membrane Biological Reactor Motorized Damper Parallel Blade No. 1	06/2011	2031	2038	\$ 8,000
Membrane Biological Reactor Motorized Damper Parallel Blade No. 2	06/2011	2031	2038	\$ 8,000
Membrane Biological Reactor Motorized Damper Parallel Blade No. 3	06/2011	2031	2038	\$ 8,000
Membrane Biological Reactor Motorized Damper Parallel Blade No. 4	06/2011	2031	2038	\$ 8,000
MBR Motorized Damper Parallel Blade No. 5	06/2011	2031	2038	\$ 6,876
MBR Motorized Damper Parallel Blade No. 6	06/2011	2031	2038	\$ 6,876
Membrane Biological Reactor Permeate Pump No. 1 ASM	06/2011	2026	2027	\$ 1,444

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
Membrane Biological Reactor Permeate Pump No. 1 Inlet Valve	06/2011	2031	2033	\$ 3,965
MBR Permeate Pump No. 1 Turbidity Meter	06/2011	2026	2027	\$ 5,000
Membrane Biological Reactor Permeate Pump SN 0210-4798 A	06/2011	2026	2027	\$ 12,998
MBR Permeate Pump No. 1 Mag Flow Meter	06/2011	2031	2033	\$ 7,000
Membrane Biological Reactor Permeate Pump No. 1 Motor	06/2011	2026	2027	\$ 9,911
Membrane Biological Reactor Permeate Pump No. 1 VFD	06/2011	2031	2033	\$ 18,233
Membrane Biological Reactor Permeate Pump SN 0210-4798 D	06/2011	2026	2027	\$ 12,998
MBR Permeate Pump No. 2 Turbidity Meter	06/2011	2026	2027	\$ 5,000
MBR Permeate Pump No. 3 Turbidity Meter	06/2011	2026	2027	\$ 5,000
Membrane Biological Reactor Permeate Pump No. 3 VFD	06/2011	2031	2033	\$ 18,233
Membrane Biological Reactor Permeate Pump SN 0210-4798 C	06/2011	2026	2027	\$ 12,998
Membrane Biological Reactor Permeate Pump No. 3 Inlet Valve	06/2011	2031	2033	\$ 3,965
MBR Permeate Pump No. 3 Mag Flow Meter	06/2011	2031	2033	\$ 7,000
Membrane Biological Reactor Permeate Pump No. 3 Motor	06/2011	2026	2027	\$ 9,911
Membrane Biological Reactor Permeate Pump No. 3 ASM	06/2011	2026	2027	\$ 1,444
Membrane Biological Reactor Permeate Pump No. 4 ASM	06/2011	2026	2027	\$ 1,444
Membrane Biological Reactor Permeate Pump No. 4 Motor	06/2011	2026	2027	\$ 9,911
MBR Permeate Pump No. 4 Mag Flow Meter	06/2011	2031	2033	\$ 7,000
Membrane Biological Reactor Permeate Pump No. 4 Inlet Valve	06/2011	2031	2033	\$ 3,965
Membrane Biological Reactor Permeate Pump SN 0210-4798 F	06/2011	2026	2027	\$ 12,998
Membrane Biological Reactor Permeate Pump No. 4 VFD	06/2011	2031	2033	\$ 18,233
MBR Permeate Pump No. 4 Turbidity Meter	06/2011	2026	2027	\$ 5,000
MBR Permeate Pump No. 5 Turbidity Meter	06/2011	2026	2027	\$ 5,000
Membrane Biological Reactor Permeate Pump No. 5 VFD	06/2011	2031	2033	\$ 18,233
Membrane Biological Reactor Permeate Pump No. 2 Motor	06/2011	2026	2027	\$ 9,911
MBR Permeate Pump No. 2 Mag Flow Meter	06/2011	2031	2033	\$ 7,000
Membrane Biological Reactor Permeate Pump SN 0210-4798 B	06/2011	2031	2032	\$ 12,998
Membrane Biological Reactor Permeate Pump No. 2 VFD	06/2011	2031	2032	\$ 18,233
Membrane Biological Reactor Permeate Pump No. 5 Inlet Valve	06/2011	2031	2033	\$ 3,965
Membrane Biological Reactor Permeate Pump No. 2 Inlet Valve	06/2011	2031	2033	\$ 3,965
Membrane Biological Reactor Permeate Pump No. 2 ASM	06/2011	2026	2027	\$ 1,444
MBR Permeate Pump No. 5 Mag Flow Meter	06/2011	2031	2033	\$ 7,000
Membrane Biological Reactor Permeate Pump No. 5 Motor	06/2011	2026	2027	\$ 9,911
Membrane Biological Reactor Permeate Pump No. 5 ASM	06/2011	2026	2027	\$ 1,444
Membrane Biological Reactor Permeate Pump No. 6 ASM	06/2011	2026	2027	\$ 1,444
Membrane Biological Reactor Permeate Pump No. 6 Motor	06/2011	2026	2027	\$ 9,911
MBR Permeate Pump No. 6 Mag Flow Meter	06/2011	2031	2033	\$ 7,000
Membrane Biological Reactor Permeate Pump No. 6 Inlet Valve	06/2011	2031	2033	\$ 3,965
Membrane Biological Reactor Permeate Pump SN 0210-4798 G	06/2011	2026	2027	\$ 12,998
Membrane Biological Reactor Permeate Pump No. 6 VFD	06/2011	2031	2033	\$ 18,233
MBR Permeate Pump No. 6 Turbidity Meter	06/2011	2026	2027	\$ 5,000
MBR Permeate Pump No. 7 Turbidity Meter	06/2011	2026	2027	\$ 5,000
Membrane Biological Reactor Permeate Pump No. 7 VFD	06/2011	2031	2033	\$ 18,233
Membrane Biological Reactor Permeate Pump SN 0210-4798-H	06/2011	2026	2027	\$ 12,998
Membrane Biological Reactor Permeate Pump No. 7 Inlet Valve	06/2011	2031	2033	\$ 3,965
MBR Permeate Pump No. 7 Mag Flow Meter	06/2011	2031	2033	\$ 7,000
Membrane Biological Reactor Permeate Pump No. 7 Motor	06/2011	2026	2027	\$ 9,911
Membrane Biological Reactor Permeate Pump No. 7 ASM	06/2011	2026	2027	\$ 1,444
Membrane Biological Reactor Permeate Pump No. 8 ASM	06/2011	2026	2027	\$ 1,444
Membrane Biological Reactor Permeate Pump No. 8 Motor	06/2011	2026	2027	\$ 9,911
MBR Permeate Pump No. 8 Mag Flow Meter	06/2011	2031	2033	\$ 7,000
Membrane Biological Reactor Permeate Pump No. 8 Inlet Valve	06/2011	2031	2033	\$ 3,965
Membrane Biological Reactor Permeate Pump SN 0210-4798 E	06/2011	2026	2027	\$ 12,998
Membrane Biological Reactor Permeate Pump No. 8 VFD	06/2011	2031	2033	\$ 18,233
MBR Permeate Pump No. 8 Turbidity Meter	06/2011	2026	2027	\$ 5,000
MBR Permeate Pump No. 9 Turbidity Meter	06/2011	2026	2027	\$ 5,000
Membrane Biological Reactor Permeate Pump No. 9 VFD	06/2011	2031	2033	\$ 18,233
Membrane Biological Reactor Permeate Pump SN 0210-4798 K	06/2011	2026	2027	\$ 12,998
Membrane Biological Reactor Permeate Pump No. 9 Inlet Valve	06/2011	2031	2033	\$ 3,965
MBR Permeate Pump No. 9 Mag Flow Meter	06/2011	2031	2033	\$ 7,000
Membrane Biological Reactor Permeate Pump No. 9 Motor	06/2011	2026	2027	\$ 9,911
Membrane Biological Reactor Permeate Pump No. 9 ASM	06/2011	2026	2027	\$ 1,444
Membrane Biological Reactor Permeate Pump No.10 ASM	06/2011	2026	2027	\$ 1,444
Membrane Biological Reactor Permeate Pump No. 10 Motor	06/2011	2026	2027	\$ 9,911

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
MBR Permeate Pump No. 10 Mag Flow Meter	06/2011	2031	2033	\$ 7,000
Membrane Biological Reactor Permeate Pump No. 10 Inlet Valve	06/2011	2031	2033	\$ 3,965
Membrane Biological Reactor Permeate Pump No. 10 VFD	06/2011	2031	2033	\$ 18,233
MBR Permeate Pump No. 10 Turbidity Meter	06/2011	2026	2027	\$ 5,000
MBR RAS Pump No. 1 Effluent Check Valve	06/2011	2031	2032	\$ 46,143
MBR RAS Pump No. 1 RAS Inlet Box Scum Gate	06/2011	2031	2038	\$ 7,576
MBR RAS Pump No. 1 RAS Inlet Gate	06/2011	2031	2036	\$ 8,018
MBR RAS Pump No. 1 Discharge Valve	06/2011	2031	2038	\$ 21,595
MBR RAS Pump No. 1 RAS Inlet Gate Actuator	06/2011	2026	2030	\$ 5,346
MBR-RAS-Pump No. 1 RAS Inlet Knife Gate	06/2011	2031	2038	\$ 72,430
MBR RAS Pump No. 1 ASM	12/2011	2026	2027	\$ 10,491
MBR RAS Pump No.1 Motor	06/2011	2026	2027	\$ 64,299
MBR RAS Pump No. 1 VFD	06/2011	2031	2033	\$ 48,586
MBR RAS Pump No.1	06/2011	2021	2022	\$ 94,419
MBR RAS Pump No. 2	06/2011	2026	2027	\$ 94,419
MBR RAS Pump No. 2 VFD	06/2011	2031	2033	\$ 39,306
MBR RAS Pump No. 2 Motor	06/2011	2026	2027	\$ 64,299
MBR RAS Pump No. 2 ASM	06/2011	2026	2027	\$ 10,491
MBR RAS Pump No. 2 RAS Inlet Knife Gate	06/2011	2031	2038	\$ 72,430
MBR RAS Pump No. 2 RAS Inlet Gate Actuator	06/2011	2026	2030	\$ 5,346
MBR RAS Pump No. 2 Discharge Valve	06/2011	2031	2036	\$ 21,595
MBR RAS Pump No. 2 RAS Inlet Gate	06/2011	2031	2038	\$ 8,018
MBR RAS Pump No. 2 RAS Inlet Box Scum Gate	06/2011	2031	2036	\$ 7,576
MBR RAS Pump No. 2 Effluent Check Valve	06/2011	2031	2036	\$ 46,143
MBR RAS Pump No. 3 Effluent Check Valve	06/2011	2031	2036	\$ 46,143
MBR RAS Pump No. 3 RAS Inlet Box Scum Gate	06/2011	2031	2038	\$ 7,576
MBR RAS Pump No. 3 RAS Inlet Gate	06/2011	2031	2036	\$ 8,018
MBR RAS Pump No. 3 Discharge Valve	06/2011	2031	2036	\$ 21,595
MBR RAS Pump No. 3 RAS Inlet Gate Actuator	06/2011	2026	2030	\$ 5,346
MBR RAS Pump No. 3 RAS Inlet Knife Gate	06/2011	2031	2038	\$ 72,430
MBR RAS Pump No. 3 ASM	06/2011	2026	2027	\$ 10,491
MBR RAS Pump No. 3 Motor	06/2011	2026	2027	\$ 64,299
MBR RAS Pump No. 3 VFD	06/2011	2031	2033	\$ 39,306
MBR RAS Pump No. 3	06/2011	2026	2027	\$ 94,419
MBR RAS Pump No. 4	06/2011	2026	2027	\$ 94,419
MBR RAS Pump No. 4 VFD	06/2011	2031	2033	\$ 39,306
MBR RAS Pump No. 4 Motor	06/2011	2026	2027	\$ 64,299
MBR RAS Pump No. 4 ASM	06/2011	2026	2027	\$ 10,491
MBR RAS Pump No. 4 RAS Inlet Knife Gate	06/2011	2031	2038	\$ 72,430
MBR RAS Pump No. 4 RAS Inlet Gate Actuator	06/2011	2026	2030	\$ 5,346
MBR RAS Pump No. 4 Discharge Valve	06/2011	2031	2036	\$ 21,595
MBR RAS Pump No. 4 RAS Inlet Gate	06/2011	2031	2038	\$ 8,018
MBR RAS Pump No. 4 RAS Inlet Box Scum Gate	06/2011	2031	2038	\$ 7,576
MBR RAS Pump No. 4 Effluent Check Valve	06/2011	2031	2036	\$ 46,143
MBR RAS Pump No. 5 Effluent Check Valve	06/2011	2031	2036	\$ 46,143
MBR RAS Pump No. 5 RAS Inlet Box Scum Gate	06/2011	2031	2038	\$ 7,576
MBR RAS Pump No. 5 RAS Inlet Gate	06/2011	2031	2038	\$ 8,018
MBR RAS Pump No. 5 Discharge Valve	06/2011	2031	2036	\$ 21,595
MBR RAS Pump No. 5 RAS Inlet Gate Actuator	06/2011	2026	2030	\$ 5,346
MBR RAS Pump No. 5 Inlet Knife Gate	06/2011	2031	2038	\$ 72,430
MBR RAS Pump No. 5 ASM	06/2011	2026	2027	\$ 94,419
MBR RAS Pump No. 5 Motor	06/2011	2026	2027	\$ 64,299
MBR RAS Pump No. 5 VFD	06/2011	2031	2033	\$ 39,306
MBR RAS Pump No. 5	06/2011	2026	2027	\$ 10,491
MBR Effluent Channel Spray System	06/2012	2027	2031	\$ 48,000
W-3 Spray Valve for MBR Effluent Channel	06/2012	2027	2031	\$ 6,400
MBR Subnatant Pump No. 1	06/2011	2021	2024	\$ 26,849
MBR Subnatant Pump No. 2	06/2011	2021	2024	\$ 26,849
MBR Tank No. 1 Air Ejector Valve Actuator No. 1	06/2011	2026	2028	\$ 7,459
MBR Tank No. 1 Air Ejector Valve No. 1	06/2011	2026	2028	\$ 8,081
MBR Tank No. 1 Air Scour Valve No. 1 Actuator No. 1	06/2011	2031	2033	\$ 7,459
MBR Tank No. 1 Air Scour Valve No. 2 Actuator No. 1	06/2011	2031	2033	\$ 7,459
MBR Tank No. 1 Air Scour Valve No. 1	06/2011	2021	2022	\$ 8,081
MBR Tank No. 1 Air Scour Valve No. 2	06/2011	2021	2022	\$ 8,081

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
MBR Tank No. 1 Ultrasonic Level Transducer & Display	06/2011	2018	2019	\$ 3,000
MBR Tanks No. 1 & 2 FCP	06/2011	2036	2037	\$ 65,170
MBR Tank No. 1 Outlet Gate	06/2011	2031	2036	\$ 5,004
MBR Tank No. 1 Cassette 1	06/2011	2021	2022	\$ 115,680
MBR Tank No. 1 Cassette 2	06/2011	2021	2022	\$ 115,680
MBR Tank No. 1 Cassette 3	06/2011	2021	2022	\$ 115,680
MBR Tank No. 1 Cassette 4	06/2011	2021	2022	\$ 115,680
MBR Tank No. 1 Cassette 5	06/2011	2021	2022	\$ 115,680
MBR Tank No. 1 Cassette 6	06/2011	2021	2022	\$ 115,680
MBR Tank No. 1 Cassette 7	06/2011	2021	2022	\$ 115,680
MBR Tank No. 1 Cassette 8	06/2011	2021	2022	\$ 115,680
MBR Tank No. 1 Cassette 9	06/2011	2021	2022	\$ 115,680
MBR Tank No. 1 Cassette 10	06/2011	2021	2022	\$ 115,680
MBR Backpulse Pump Valve No. 1	06/2011	2031	2038	\$ 9,527
MBR Tank Drain Valve Actuator No. 1	06/2011	2026	2030	\$ 4,520
MBR Tank Drain Valve No. 1	06/2011	2031	2038	\$ 4,896
MBR Tank No. 1 Inlet Gate Actuator	06/2011	2026	2030	\$ 4,192
MBR Tank No. 1 Inlet Gate	06/2011	2031	2036	\$ 6,289
MBR Tank No. 1 Cassette 1 Level Transmitter	06/2011	2018	2019	\$ 2,124
MBR Tank No. 1 Cassette 1 Pressure Transmitter	06/2011	2018	2020	\$ 2,000
MBR Tank No. 1 Outlet Gate Actuator	06/2011	2026	2030	\$ 3,336
MBR Tank No. 2 Outlet Gate Actuator	06/2011	2026	2030	\$ 3,336
MBR Tank No. 2 Cassette 2 Pressure Transmitter	06/2011	2018	2019	\$ 2,000
MBR Tank No. 2 Cassette 2 Level Transmitter	06/2011	2018	2019	\$ 2,124
MBR Tank No. 2 Inlet Gate	06/2011	2031	2036	\$ 5,132
MBR Tank No. 2 Inlet Gate Actuator	06/2011	2026	2030	\$ 3,421
MBR Tank Drain Valve No. 2	06/2011	2031	2038	\$ 4,896
MBR Tank Drain Valve Actuator No. 2	06/2011	2026	2030	\$ 4,520
MBR Backpulse Pump Valve No. 2	06/2011	2031	2038	\$ 9,527
MBR Tank No. 2 Cassette 1	06/2011	2021	2022	\$ 115,680
MBR Tank No. 2 Cassette 2	06/2011	2021	2022	\$ 115,680
MBR Tank No. 2 Cassette 3	06/2011	2021	2022	\$ 115,680
MBR Tank No. 2 Cassette 4	06/2011	2021	2022	\$ 115,680
MBR Tank No. 2 Cassette 5	06/2011	2021	2022	\$ 115,680
MBR Tank No. 2 Cassette 6	06/2011	2021	2022	\$ 115,680
MBR Tank No. 2 Cassette 7	06/2011	2021	2022	\$ 115,680
MBR Tank No. 2 Cassette 8	06/2011	2021	2022	\$ 115,680
MBR Tank No. 2 Cassette 9	06/2011	2021	2022	\$ 115,680
MBR Tank No. 2 Cassette 10	06/2011	2021	2022	\$ 115,680
MBR Tank No. 2 Outlet Gate	06/2011	2031	2036	\$ 5,004
MBR Tank No. 2 Air Scour Valve No. 1	06/2011	2021	2022	\$ 15,203
MBR Tank No. 2 Air Scour Valve No. 2	06/2011	2021	2022	\$ 15,203
MBR Tank No. 2 Air Scour Valve No. 1 Actuator No. 2	06/2011	2026	2027	\$ 9,527
MBR Tank No. 2 Air Scour Valve No. 2 Actuator No. 2	11/2016	2031	2033	\$ 5,632
MBR Tank No. 2 Air Ejector Valve No. 2	06/2011	2026	2027	\$ 9,527
MBR Tank No. 2 Air Ejector Valve Actuator No. 2	06/2011	2026	2027	\$ 5,632
MBR Tank No. 3 Air Ejector Valve Actuator No. 3	06/2011	2026	2027	\$ 9,527
MBR Tank No. 3 Air Ejector Valve No. 3	06/2011	2026	2027	\$ 5,632
MBR Tank No. 3 Air Scour Valve No. 1 Actuator No. 3	06/2011	2026	2027	\$ 7,297
MBR Tank No. 3 Air Scour Valve No. 2 Actuator No. 3	04/2016	2036	2038	\$ 7,297
MBR Tank No. 3 Air Scour Valve No. 1	06/2011	2021	2022	\$ 7,906
MBR Tank No. 3 Air Scour Valve No. 2	06/2011	2021	2022	\$ 7,906
MBR Tank No. 3 Outlet Gate	06/2011	2031	2036	\$ 5,004
MBR Tanks No. 3 & 4 FCP	06/2011	2036	2037	\$ 65,170
MBR Tank No. 3 Cassette 1	06/2011	2021	2022	\$ 115,680
MBR Tank No. 3 Cassette 2	06/2011	2021	2022	\$ 115,680
MBR Tank No. 3 Cassette 3	06/2011	2021	2022	\$ 115,680
MBR Tank No. 3 Cassette 4	06/2011	2021	2022	\$ 115,680
MBR Tank No. 3 Cassette 5	06/2011	2021	2022	\$ 115,680
MBR Tank No. 3 Cassette 6	06/2011	2021	2022	\$ 115,680
MBR Tank No. 3 Cassette 7	06/2011	2021	2022	\$ 115,680
MBR Tank No. 3 Cassette 8	06/2011	2021	2022	\$ 115,680
MBR Tank No. 3 Cassette 9	06/2011	2021	2022	\$ 115,680
MBR Tank No. 3 Cassette 10	06/2011	2021	2022	\$ 115,680

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
MBR Backpulse Pump Valve No. 3	06/2011	2031	2038	\$ 9,527
MBR Tank Drain Valve Actuator No. 3	06/2011	2026	2030	\$ 4,520
MBR Tank Drain Valve No. 3	06/2011	2031	2038	\$ 4,896
MBR Tank No. 3 Inlet Gate Actuator	06/2011	2026	2030	\$ 3,421
MBR Tank No. 3 Inlet Gate	06/2011	2031	2036	\$ 5,132
MBR Tank No. 3 Cassette 3 Level Transmitter	06/2011	2018	2019	\$ 3,000
MBR Tank No. 3 Cassette 3 Pressure Transmitter	06/2011	2018	2019	\$ 2,000
MBR Tank No. 3 Outlet Gate Actuator	06/2011	2026	2030	\$ 3,336
MBR Tank No. 4 Outlet Gate Actuator	06/2011	2026	2030	\$ 3,336
MBR Tank No. 4 Cassette 4 Pressure Transmitter	06/2011	2018	2019	\$ 2,000
MBR Tank No. 4 Cassette 4 Level Transmitter	06/2011	2018	2019	\$ 3,000
MBR Tank No. 4 Inlet Gate	06/2011	2031	2036	\$ 5,132
MBR Tank No. 4 Inlet Gate Actuator	06/2011	2026	2030	\$ 3,421
MBR Tank Drain Valve No. 4	06/2011	2031	2038	\$ 4,896
MBR Tank Drain Valve Actuator No. 4	06/2011	2026	2030	\$ 4,520
MBR Backpulse Pump Valve No. 4	06/2011	2031	2038	\$ 9,527
MBR Tank No. 4 Cassette 1	06/2011	2021	2022	\$ 115,680
MBR Tank No. 4 Cassette 2	06/2011	2021	2022	\$ 115,680
MBR Tank No. 4 Cassette 3	06/2011	2021	2022	\$ 115,680
MBR Tank No. 4 Cassette 4	06/2011	2021	2022	\$ 115,680
MBR Tank No. 4 Cassette 5	06/2011	2021	2022	\$ 115,680
MBR Tank No. 4 Cassette 6	06/2011	2021	2022	\$ 115,680
MBR Tank No. 4 Cassette 7	06/2011	2021	2022	\$ 115,680
MBR Tank No. 4 Cassette 8	06/2011	2021	2022	\$ 115,680
MBR Tank No. 4 Cassette 9	06/2011	2021	2022	\$ 115,680
MBR Tank No. 4 Cassette 10	06/2011	2021	2022	\$ 115,680
MBR Tank No. 4 Outlet Gate	06/2011	2031	2036	\$ 5,004
MBR Tank No. 4 Air Scour Valve No. 1	06/2011	2021	2022	\$ 7,906
MBR Tank No. 4 Air Scour Valve No. 2	06/2011	2021	2022	\$ 7,906
MBR Tank No. 4 Air Scour Valve No. 1 Actuator No. 4	06/2011	2031	2033	\$ 7,297
MBR Tank No. 4 Air Scour Valve No. 2 Actuator No. 4	06/2011	2031	2033	\$ 7,297
MBR Tank No. 4 Air Scour Valve No. 2 Actuator No. 4	06/2011	2026	2027	\$ 7,297
MBR Tank No. 4 Air Ejector Valve No. 4	06/2011	2026	2027	\$ 9,527
MBR Tank No. 4 Air Ejector Valve Actuator No. 4	06/2011	2026	2027	\$ 5,632
MBR Tank No. 5 Air Ejector Valve Actuator No. 5	06/2011	2026	2027	\$ 9,527
MBR Tank No. 5 Air Ejector Valve No. 5	06/2011	2026	2027	\$ 5,632
MBR Tank No. 5 Air Scour Valve No. 1 Actuator No. 5	06/2011	2031	2033	\$ 7,297
MBR Tank No. 5 Air Scour Valve No. 2 Actuator No. 5	06/2011	2031	2033	\$ 7,297
MBR Tank No. 5 Air Scour Valve No. 1	06/2011	2021	2022	\$ 7,906
MBR Tank No. 5 Air Scour Valve No. 2	06/2011	2021	2022	\$ 7,906
MBR Tank No. 5 Outlet Gate	06/2011	2031	2036	\$ 5,004
MBR Tanks No. 5 & 6 FCP	06/2011	2036	2037	\$ 65,170
MBR Tank No. 5 Cassette 1	06/2011	2021	2022	\$ 115,680
MBR Tank No. 5 Cassette 2	06/2011	2021	2022	\$ 115,680
MBR Tank No. 5 Cassette 3	06/2011	2021	2022	\$ 115,680
MBR Tank No. 5 Cassette 4	06/2011	2021	2022	\$ 115,680
MBR Tank No. 5 Cassette 5	06/2011	2021	2022	\$ 115,680
MBR Tank No. 5 Cassette 6	06/2011	2021	2022	\$ 115,680
MBR Tank No. 5 Cassette 7	06/2011	2021	2022	\$ 115,680
MBR Tank No. 5 Cassette 8	06/2011	2021	2022	\$ 115,680
MBR Tank No. 5 Cassette 9	06/2011	2021	2022	\$ 115,680
MBR Tank No. 5 Cassette 10	06/2011	2021	2022	\$ 115,680
MBR Backpulse Pump Valve No. 5	06/2011	2031	2038	\$ 9,527
MBR Tank Drain Valve Actuator No. 5	06/2011	2026	2030	\$ 4,520
MBR Tank Drain Valve No. 5	06/2011	2031	2038	\$ 4,896
MBR Tank No. 5 Inlet Gate Actuator	06/2011	2026	2030	\$ 3,421
MBR Tank No. 5 Inlet Gate	06/2011	2031	2036	\$ 5,132
MBR Tank No. 5 Cassette 5 Level Transmitter	06/2011	2018	2019	\$ 2,124
MBR Tank No. 5 Cassette 5 Pressure Transmitter	06/2011	2018	2019	\$ 2,000
MBR Tank No. 5 Outlet Gate Actuator	06/2011	2026	2030	\$ 3,336
MBR Tank No. 6 Outlet Gate Actuator	06/2011	2026	2030	\$ 3,336
MBR Tank No. 6 Cassette 6 Pressure Transmitter	06/2011	2018	2019	\$ 2,000
MBR Tank No. 6 Cassette 6 Level Transmitter	06/2011	2018	2019	\$ 2,124
MBR Tank No. 6 Inlet Gate	06/2011	2031	2036	\$ 5,132

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
MBR Tank No. 6 Inlet Gate Actuator	06/2011	2026	2030	\$ 3,421
MBR Tank Drain Valve No. 6	06/2011	2031	2038	\$ 4,896
MBR Tank Drain Valve Actuator No. 6	06/2011	2026	2030	\$ 4,520
MBR Backpulse Pump Valve No. 6	06/2011	2031	2038	\$ 9,527
MBR Tank No. 6 Cassette 1	06/2011	2021	2022	\$ 115,680
MBR Tank No. 6 Cassette 2	06/2011	2021	2022	\$ 115,680
MBR Tank No. 6 Cassette 3	06/2011	2021	2022	\$ 115,680
MBR Tank No. 6 Cassette 4	06/2011	2021	2022	\$ 115,680
MBR Tank No. 6 Cassette 5	06/2011	2021	2022	\$ 115,680
MBR Tank No. 6 Cassette 6	06/2011	2021	2022	\$ 115,680
MBR Tank No. 6 Cassette 7	06/2011	2021	2022	\$ 115,680
MBR Tank No. 6 Cassette 8	06/2011	2021	2022	\$ 115,680
MBR Tank No. 6 Cassette 9	06/2011	2021	2022	\$ 115,680
MBR Tank No. 6 Cassette 10	06/2011	2021	2022	\$ 115,680
MBR Tank No. 6 Outlet Gate	06/2011	2031	2036	\$ 5,004
MBR Tank No. 6 Air Scour Valve No. 1	06/2011	2021	2022	\$ 7,906
MBR Tank No. 6 Air Scour Valve No. 2	06/2011	2021	2022	\$ 7,906
MBR Tank No. 6 Air Scour Valve No. 1 Actuator No. 6	06/2011	2031	2033	\$ 7,297
MBR Tank No. 6 Air Scour Valve No. 2 Actuator No. 6	06/2011	2031	2033	\$ 7,297
MBR Tank No. 6 Air Ejector Valve No. 6	06/2011	2026	2027	\$ 7,297
MBR Tank No. 6 Air Ejector Valve Actuator No. 6	06/2011	2026	2027	\$ 7,297
MBR Tank No. 7 Air Ejector Valve Actuator No. 7	06/2011	2026	2027	\$ 7,297
MBR Tank No. 7 Air Ejector Valve No. 7	06/2011	2026	2027	\$ 7,297
MBR Tank No. 7 Air Scour Valve No. 1 Actuator No. 7	06/2011	2026	2027	\$ 7,297
MBR Tank No. 7 Air Scour Valve No. 2 Actuator No. 7	06/2011	2026	2027	\$ 7,297
MBR Tank No. 7 Air Scour Valve No. 1	06/2011	2021	2022	\$ 7,906
MBR Tank No. 7 Air Scour Valve No. 2	06/2011	2021	2022	\$ 7,906
MBR Tank No. 7 Outlet Gate	06/2011	2031	2036	\$ 5,004
MBR Tanks No. 7 & 8 FCP	06/2011	2036	2037	\$ 65,170
MBR Tank No. 7 Cassette 1	06/2011	2021	2022	\$ 115,680
MBR Tank No. 7 Cassette 2	06/2011	2021	2022	\$ 115,680
MBR Tank No. 7 Cassette 3	06/2011	2021	2022	\$ 115,680
MBR Tank No. 7 Cassette 4	06/2011	2021	2022	\$ 115,680
MBR Tank No. 7 Cassette 5	06/2011	2021	2022	\$ 115,680
MBR Tank No. 7 Cassette 6	06/2011	2021	2022	\$ 115,680
MBR Tank No. 7 Cassette 7	06/2011	2021	2022	\$ 115,680
MBR Tank No. 7 Cassette 8	06/2011	2021	2022	\$ 115,680
MBR Tank No. 7 Cassette 9	06/2011	2021	2022	\$ 115,680
MBR Tank No. 7 Cassette 10	06/2011	2021	2022	\$ 115,680
MBR Backpulse Pump Valve No. 7	06/2011	2031	2038	\$ 9,527
MBR Tank Drain Valve Actuator No. 7	06/2011	2026	2030	\$ 4,520
MBR Tank Drain Valve No. 7	06/2011	2031	2038	\$ 4,896
MBR Tank No. 7 Inlet Gate Actuator	06/2011	2026	2030	\$ 3,421
MBR Tank No. 7 Inlet Gate	06/2011	2031	2036	\$ 5,132
MBR Tank No. 7 Cassette 7 Level Transmitter	06/2011	2018	2019	\$ 3,000
MBR Tank No. 7 Cassette 7 Pressure Transmitter	06/2011	2018	2019	\$ 2,000
MBR Tank No. 7 Outlet Gate Actuator	06/2011	2026	2030	\$ 3,336
MBR Tank No. 8 Outlet Gate Actuator	06/2011	2026	2030	\$ 3,336
MBR Tank No. 8 Cassette 8 Pressure Transmitter	06/2011	2018	2019	\$ 2,000
MBR Tank No. 8 Cassette 8 Level Transmitter	06/2011	2018	2019	\$ 3,000
MBR Tank No. 8 Inlet Gate	06/2011	2031	2036	\$ 5,132
MBR Tank No. 8 Inlet Gate Actuator	06/2011	2026	2030	\$ 3,421
MBR Tank Drain Valve No. 8	06/2011	2031	2038	\$ 4,896
MBR Tank Drain Valve Actuator No. 8	06/2011	2026	2030	\$ 4,520
MBR Backpulse Pump Valve No. 8	06/2011	2031	2038	\$ 9,527
MBR Tank No. 8 Cassette 1	06/2011	2021	2022	\$ 115,680
MBR Tank No. 8 Cassette 2	06/2011	2021	2022	\$ 115,680
MBR Tank No. 8 Cassette 3	06/2011	2021	2022	\$ 115,680
MBR Tank No. 8 Cassette 4	06/2011	2021	2022	\$ 115,680
MBR Tank No. 8 Cassette 5	06/2011	2021	2022	\$ 115,680
MBR Tank No. 8 Cassette 6	06/2011	2021	2022	\$ 115,680
MBR Tank No. 8 Cassette 7	06/2011	2021	2022	\$ 115,680
MBR Tank No. 8 Cassette 8	06/2011	2021	2022	\$ 115,680
MBR Tank No. 8 Cassette 9	06/2011	2021	2022	\$ 115,680

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
MBR Tank No. 8 Cassette 10	06/2011	2021	2022	\$ 115,680
MBR Tank No. 8 Outlet Gate	06/2011	2031	2036	\$ 5,004
MBR Tank No. 8 Air Scour Valve No. 1	06/2011	2021	2022	\$ 7,906
MBR Tank No. 8 Air Scour Valve No. 2	06/2011	2021	2022	\$ 7,906
MBR Tank No. 8 Air Scour Valve No. 1 Actuator No. 8	06/2011	2031	2033	\$ 7,297
MBR Tank No. 8 Air Scour Valve No. 2 Actuator No. 8	06/2011	2031	2033	\$ 7,297
MBR Tank No. 8 Air Ejector Valve No. 8	06/2011	2026	2027	\$ 7,297
MBR Tank No. 8 Air Ejector Valve Actuator No. 8	06/2011	2026	2027	\$ 7,297
MBR Tank No. 9 Air Ejector Valve Actuator No. 9	06/2011	2026	2027	\$ 7,297
MBR Tank No. 9 Air Ejector Valve No. 9	06/2011	2026	2027	\$ 7,297
MBR Tank No. 9 Air Scour Valve No. 1 Actuator No. 9	06/2011	2031	2033	\$ 7,297
MBR Tank No. 9 Air Scour Valve No. 2 Actuator No. 9	04/2016	2036	2038	\$ 7,297
MBR Tank No. 9 Air Scour Valve No. 1	06/2011	2021	2022	\$ 7,906
MBR Tank No. 9 Air Scour Valve No. 2	06/2011	2021	2022	\$ 7,906
MBR Tank No. 9 Outlet Gate	06/2011	2031	2036	\$ 5,004
MBR Tanks No. 9 & 10 FCP	06/2011	2036	2037	\$ 65,170
MBR Tank No. 9 Cassette 1	06/2011	2021	2022	\$ 115,680
MBR Tank No. 9 Cassette 2	06/2011	2021	2022	\$ 115,680
MBR Tank No. 9 Cassette 3	06/2011	2021	2022	\$ 115,680
MBR Tank No. 9 Cassette 4	06/2011	2021	2022	\$ 115,680
MBR Tank No. 9 Cassette 5	06/2011	2021	2022	\$ 115,680
MBR Tank No. 9 Cassette 6	06/2011	2021	2022	\$ 115,680
MBR Tank No. 9 Cassette 7	06/2011	2021	2022	\$ 115,680
MBR Tank No. 9 Cassette 8	06/2011	2021	2022	\$ 115,680
MBR Tank No. 9 Cassette 9	06/2011	2021	2022	\$ 115,680
MBR Tank No. 9 Cassette 10	06/2011	2021	2022	\$ 115,680
MBR Backpulse Pump Valve No. 9	06/2011	2031	2038	\$ 9,527
MBR Tank Drain Valve Actuator No. 9	06/2011	2026	2030	\$ 4,520
MBR Tank Drain Valve No. 9	06/2011	2031	2038	\$ 4,896
MBR Tank No. 9 Inlet Gate Actuator	06/2011	2026	2030	\$ 3,421
MBR Tank No. 9 Inlet Gate	06/2011	2031	2036	\$ 5,132
MBR Tank No. 9 Cassette 9 Level Transmitter	06/2011	2018	2019	\$ 3,000
MBR Tank No. 9 Cassette 9 Pressure Transmitter	06/2011	2018	2019	\$ 2,000
MBR Tank No. 9 Outlet Gate Actuator	06/2011	2026	2030	\$ 3,336
MBR Tank No. 10 Outlet Gate Actuator	06/2011	2026	2030	\$ 3,336
MBR Tank No. 10 Cassette 10 Pressure Transmitter	06/2011	2018	2019	\$ 2,000
MBR Tank No. 10 Cassette 10 Level Transmitter	06/2011	2018	2019	\$ 3,000
MBR Tank No.10 Inlet Gate	06/2011	2031	2036	\$ 8,553
MBR Tank No. 10 Inlet Gate Actuator	06/2011	2026	2030	\$ 3,336
MBR Tank Drain Valve No. 10	06/2011	2031	2038	\$ 9,416
MBR Tank Drain Valve Actuator No. 10	06/2011	2026	2030	\$ 3,336
MBR Backpulse Pump Valve No. 10	06/2011	2031	2038	\$ 9,527
MBR Tank No. 10 Cassette 1	06/2011	2021	2022	\$ 115,680
MBR Tank No. 10 Cassette 2	06/2011	2021	2022	\$ 115,680
MBR Tank No. 10 Cassette 3	06/2011	2021	2022	\$ 115,680
MBR Tank No. 10 Cassette 4	06/2011	2021	2022	\$ 115,680
MBR Tank No. 10 Cassette 5	06/2011	2021	2022	\$ 115,680
MBR Tank No. 10 Cassette 6	06/2011	2021	2022	\$ 115,680
MBR Tank No. 10 Cassette 7	06/2011	2021	2022	\$ 115,680
MBR Tank No. 10 Cassette 8	06/2011	2021	2022	\$ 115,680
MBR Tank No. 10 Cassette 9	06/2011	2021	2022	\$ 115,680
MBR Tank No. 10 Cassette 10	06/2011	2021	2022	\$ 115,680
MBR Tank No. 10 Ultrasonic Level Transducer & Display	06/2011	2018	2019	\$ 3,000
MBR Tank No. 10 Outlet Gate	06/2011	2031	2036	\$ 8,340
MBR Tank No.10 Air Scour Valve No. 1	06/2011	2021	2022	\$ 7,906
MBR Tank No.10 Air Scour Valve No. 2	06/2011	2021	2022	\$ 7,906
MBR Tank No.10 Air Scour Valve No.1 Actuator No. 10	06/2011	2026	2027	\$ 7,297
MBR Tank No.10 Air Scour Valve No. 2 Actuator No. 10	06/2011	2026	2027	\$ 7,297
MBR Tank No. 10 Air Ejector Valve No. 10	06/2011	2026	2027	\$ 9,527
MBR Tank No. 10 Air Ejector Valve Actuator No. 10	06/2011	2026	2027	\$ 5,632
MBR Propeller Wall Exhaust Fan No. 1 ASM	06/2011	2031	2038	\$ 1,000
MBR Propeller Wall Exhaust Fan Blade Motor No. 1	06/2011	2031	2038	\$ 2,600
MBR Propeller Wall Exhaust Fan Blade No. 1 (F-0801)	06/2011	2031	2038	\$ 1,400
MBR Propeller Wall Exhaust Fan Blade No. 2 (F-0802)	06/2011	2031	2038	\$ 17,876

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
MBR Propeller Wall Exhaust Fan Blade Motor No. 2	06/2011	2031	2038	\$ 16,358
MBR Propeller Wall Exhaust Fan No. 2 ASM	06/2011	2031	2038	\$ 5,000
PEB DX Air Handling Unit	12/2009	2024	2029	\$ 50,000
PEB Air Cooled Condenser	12/2009	2024	2026	\$ 25,000
PEB Battery Charger 125VDC	12/2009	2024	2026	\$ 15,000
PEB Emergency Power Generator No. 1	12/2009	2029	2031	\$ 654,673
PEB Emergency Power Generator No. 2	12/2009	2029	2031	\$ 654,673
PEB Emergency Power Generator No. 3	12/2009	2029	2031	\$ 654,673
PEB Generator Paralleling Control Panel	12/2009	2029	2031	\$ 278,000
PEB Lighting Contactor	12/2009	2029	2031	\$ 2,500
PEB 480V Panelboard No. 1	12/2009	2029	2031	\$ 787
PEB 480V Panelboard No. 2	12/2009	2029	2031	\$ 578
PEB 208/120V Panelboard No. 3	12/2009	2029	2031	\$ 311
PEB 5KV Generator Switchgear No. 1	12/2009	2029	2031	\$ 422,727
PEB Low Voltage Switchgear No. 2	12/2009	2029	2031	\$ 131,103
PEB 25KV Switchgear No. 3	12/2009	2029	2031	\$ 557,377
PEB Dry Type Transformer No. 1	12/2009	2029	2031	\$ 910
PEB Dry Type Transformer No. 4	12/2009	2029	2031	\$ 830
PEB Pad Mounted Transformer No. 5	10/2013	2033	2035	\$ 56,703
PEB Unit Substation Transformer No. 1	12/2009	2029	2031	\$ 56,703
PEB Unit Substation Transformer No. 2	12/2009	2029	2031	\$ 56,703
PEB Pad Mounted Transformer No. 2	12/2009	2029	2031	\$ 98,500
Backflow Preventer 4' POC-W3	12/2009	2029	2031	\$ 3,300
Backflow Preventer 2' POC-W1	12/2009	2029	2031	\$ 2,700
POC Alum Stor Tk No.1 Shutoff Valve	12/2009	2029	2033	\$ 1,040
POC Ultrasonic Level Transducer	12/2009	2016	2018	\$ 1,800
POC Alum Stor Tk No.1 Shutoff Valve Actuator No. 1	12/2009	2024	2026	\$ 960
POC Alum Storage Tank No. 1 ASM	12/2009	2024	2026	\$ 4,000
POC Alum Storage Tank No. 1 LCP	12/2009	2029	2033	\$ 1,400
POC Alum Storage Tank No. 1	12/2009	2024	2026	\$ 36,000
POC Alum Storage Tank No. 2	12/2009	2024	2029	\$ 36,000
POC Alum Storage Tank No. 2 LCP	12/2009	2029	2036	\$ 1,400
POC Alum Storage Tank No. 2 ASM	12/2009	2024	2029	\$ 4,000
POC Alum Stor Tk No. 2 Shutoff Valve Actuator No. 2	12/2009	2024	2029	\$ 960
POC Ultrasonic Level Transducer	12/2009	2016	2019	\$ 1,800
POC Alum Stor Tk No. 2 Shutoff Valve	12/2009	2029	2036	\$ 1,040
POC Acid Wash Feed Pump ASM	12/2009	2019	2023	\$ 5,000
POC Acid Wash Dry Chemical Feeder Gearbox	12/2009	2019	2023	\$ 4,202
POC Acid Wash Dry Chemical Feeder Motor	12/2009	2019	2023	\$ 15,412
POC Acid Wash Control Panel	12/2009	2029	2036	\$ 5,000
POC Acid Wash Feed Pump Gearbox	12/2009	2019	2023	\$ 900
POC Acid Wash Feed Pump Motor	12/2009	2019	2023	\$ 2,851
POC Acid Wash Feed Pump	12/2009	2019	2023	\$ 45,000
POC Acid Wash Mixer Motor No. 1	12/2009	2024	2029	\$ 15,412
POC Acid Wash Mixer Motor No. 2	12/2009	2024	2029	\$ 15,412
POC Acid Wash Mixer No1	12/2009	2029	2036	\$ 12,571
POC Acid Wash Dissolving Tank Valve Actuator No. 1	12/2009	2024	2029	\$ 5,307
POC Acid Wash Dissolving Tank Valve	12/2009	2029	2036	\$ 2,000
POC Acid Wash Mix Tank	12/2009	2029	2036	\$ 3,751
POC Bleach Bulk Storage Tank No 1 ASM	12/2009	2024	2026	\$ 4,000
POC Bleach Bulk Storage Tank Detector No. 1	12/2009	2016	2019	\$ 2,001
POC Bleach Bulk Storage Tank Alarm LCP No. 1	12/2009	2029	2036	\$ 1,400
POC Bleach Tank No. 1 Shutoff Valve Actuator No. 1	12/2009	2024	2029	\$ 960
POC Bleach Tank No. 1 Shutoff Valve	12/2009	2029	2034	\$ 1,040
POC Bleach Bulk Storage Tank No.1	12/2009	2024	2026	\$ 36,000
POC Bleach Bulk Storage Tank No. 2	12/2009	2024	2026	\$ 33,840
POC Bleach Tank No. 2 Shutoff Valve	12/2009	2029	2034	\$ 1,040
POC Bleach Tank No. 2 Shutoff Valve Actuator No. 2	12/2009	2024	2029	\$ 960
POC Bleach Bulk Storage Tank Alarm LCP No. 2	12/2009	2029	2036	\$ 1,400
POC Bleach Bulk Storage Tank Detector No. 2	12/2009	2016	2019	\$ 2,400
POC Bleach Bulk Storage Tank ASM No 2	12/2009	2024	2026	\$ 3,760
POC Caustic Bulk Storage Tank ASM	12/2009	2024	2026	\$ 3,760
POC Caustic Bulk Storage Tank Detector No. 1	12/2009	2016	2019	\$ 2,400
POC Caustic Bulk Storage Tank Alarm LCP	12/2009	2029	2036	\$ 1,400

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
POC Caustic Tank Shutoff Valve Actuator No. 1	12/2009	2024	2029	\$ 960
POC Caustic Tank Shutoff Valve	12/2009	2029	2034	\$ 1,040
POC Caustic Bulk Storage Tank	12/2009	2024	2026	\$ 33,840
POC Alum Pump Motor No. 1	12/2009	2019	2020	\$ 13,300
POC Alum Pump No. 1 Suction Valve	12/2009	2029	2031	\$ 2,000
POC Alum Pump No. 1	12/2009	2019	2020	\$ 18,270
POC Alum Pump No. 1 (ASM)	12/2009	2019	2020	\$ 2,030
POC Alum Pump No. 1 FCP	12/2009	2029	2031	\$ 5,000
POC Alum Pump No. 1 Suction Valve Actuator No. 1	12/2009	2024	2026	\$ 1,400
POC Alum Pump No. 2 Suction Valve Actuator No. 2	12/2009	2024	2026	\$ 1,400
POC Alum Pump No. 2 FCP	12/2009	2029	2031	\$ 5,000
POC Alum Pump No. 2 (ASM)	12/2009	2019	2020	\$ 2,030
POC Alum Pump No. 2	12/2009	2019	2020	\$ 18,270
POC Alum Pump No. 2 Suction Valve	12/2009	2029	2031	\$ 2,000
POC Alum Pump Motor No. 2	12/2009	2019	2020	\$ 13,300
POC Alum Pump Motor No. 3	12/2009	2019	2020	\$ 13,300
POC Alum Pump No. 3 Suction Valve	12/2009	2029	2033	\$ 2,000
POC Alum Pump No. 3	12/2009	2019	2020	\$ 18,270
POC Alum Pump No. 3 (ASM)	12/2009	2019	2020	\$ 2,030
POC Alum Pump No. 4 (ASM)	12/2009	2019	2020	\$ 2,030
POC Alum Pump No. 3 FCP	12/2009	2029	2031	\$ 5,000
POC Alum Pump No. 3 Suction Valve Actuator No. 3	12/2009	2024	2026	\$ 1,400
POC Alum Pump No. 4 Suction Valve Actuator No. 4	12/2009	2024	2026	\$ 1,400
POC Alum Pump No. 4 FCP	12/2009	2029	2033	\$ 5,000
POC Alum Pump No. 4	12/2009	2019	2021	\$ 18,270
POC Alum Pump No. 4 Suction Valve	12/2009	2029	2033	\$ 2,000
POC Alum Pump Motor No. 4	12/2009	2019	2021	\$ 13,300
POC Bleach Metering Pump No. 1	12/2009	2019	2022	\$ 17,280
POC Bleach Metering Pump Control Panel No. 1	12/2009	2029	2034	\$ 7,000
POC Bleach Metering Pump No. 1 ASM	12/2009	2019	2022	\$ 1,920
POC Bleach Metering Pump Gearbox No. 1	12/2009	2019	2022	\$ 5,600
POC Bleach Metering Pump Motor No. 1	12/2009	2019	2022	\$ 15,200
POC Bleach Metering Pump Motor No. 2	12/2009	2019	2022	\$ 15,200
POC Bleach Metering Pump Gearbox No. 2	12/2009	2019	2022	\$ 5,600
POC Bleach Metering Pump No. 2 ASM	12/2009	2019	2022	\$ 1,920
POC Bleach Metering Pump Control Panel No. 2	12/2009	2029	2034	\$ 7,000
POC Bleach Metering Pump No. 2	12/2009	2019	2022	\$ 17,280
POC Bleach Metering Pump No. 3	12/2009	2019	2022	\$ 17,280
POC Bleach Metering Pump Control Panel No. 3	12/2009	2029	2034	\$ 7,000
POC Bleach Metering Pump No. 3 ASM	12/2009	2019	2022	\$ 1,920
POC Bleach Metering Pump Gearbox No. 3	12/2009	2019	2022	\$ 5,600
POC Bleach Metering Pump Motor No. 3	12/2009	2019	2022	\$ 15,200
POC Bleach Metering Pump Motor No. 4	12/2009	2019	2022	\$ 15,200
POC Bleach Metering Pump Gearbox No. 4	12/2009	2019	2022	\$ 5,600
POC Bleach Metering Pump No. 4 ASM	12/2009	2019	2022	\$ 1,920
POC Bleach Metering Pump Control Panel No. 4	12/2009	2029	2034	\$ 7,000
POC Bleach Metering Pump No. 4	12/2009	2019	2022	\$ 17,280
POC Caustic Metering Pump Motor No. 1	12/2009	2019	2023	\$ 15,200
POC Caustic Metering Pump Control Panel No. 1	12/2009	2029	2036	\$ 7,000
POC Caustic Metering Pump No. 1 ASM	12/2009	2019	2023	\$ 1,920
POC Caustic Metering Pump Gearbox No. 1	12/2009	2019	2023	\$ 5,600
POC Caustic Metering Pump No. 1	12/2009	2019	2023	\$ 17,280
POC Caustic Metering Pump Gearbox No. 2	12/2009	2019	2023	\$ 5,600
POC Caustic Metering Pump No. 2 ASM	12/2009	2019	2023	\$ 1,920
POC Caustic Metering Pump Control Panel No. 2	12/2009	2029	2036	\$ 7,000
POC Caustic Metering Pump Motor No. 2	12/2009	2019	2023	\$ 15,200
POC Caustic Metering Pump No. 2	09/2017	2025	2026	\$ 6,360
POC Caustic Metering Pump Motor No. 3	12/2009	2019	2023	\$ 15,200
POC Caustic Metering Pump Control Panel No. 3	12/2009	2029	2036	\$ 7,000
POC Caustic Metering Pump No. 3 ASM	12/2009	2019	2023	\$ 1,920
POC Caustic Metering Pump Gearbox No. 3	12/2009	2019	2023	\$ 5,600
POC Caustic Metering Pump No. 3	12/2009	2019	2023	\$ 17,280
POC Caustic Metering Pump No. 4	12/2009	2019	2023	\$ 17,280
POC Caustic Metering Pump Gearbox No. 4	12/2009	2019	2023	\$ 5,600

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
POC Caustic Metering Pump No. 4 ASM	12/2009	2019	2023	\$ 1,920
POC Caustic Metering Pump Control Panel No. 4	12/2009	2029	2036	\$ 7,000
POC Caustic Metering Pump Motor No. 4	12/2009	2019	2023	\$ 15,200
POC Chemical Sump Pump ASM (Alum)	12/2009	2024	2029	\$ 1,550
POC Chemical Sump Pump FCP (Alum)	12/2009	2029	2036	\$ 5,000
POC Chemical Sump Pump Motor (Alum)	12/2009	2024	2029	\$ 9,500
POC Chemical Sump Pump (Alum)	12/2009	2024	2029	\$ 13,950
POC Chemical Sump Pump (Bleach) ASM	12/2009	2019	2023	\$ 1,550
POC Chemical Sump Pump (Bleach) FCP	12/2009	2029	2036	\$ 5,000
POC Chemical Sump Pump Motor (Bleach)	12/2009	2019	2023	\$ 9,500
POC Chemical Sump Pump (Bleach)	12/2009	2019	2023	\$ 13,950
POC Chemical Sump Pump (Caustic) ASM	12/2009	2019	2023	\$ 1,550
POC Chemical Sump Pump (Caustic) FCP	12/2009	2029	2036	\$ 5,000
POC Chemical Sump Pump Motor (Caustic)	12/2009	2019	2023	\$ 9,500
POC Chemical Sump Pump (Caustic)	12/2009	2019	2023	\$ 13,950
POC Main O/C Control Panel	12/2009	2029	2031	\$ 200,000
POC Compressed Air System FCP No. 2	12/2009	2029	2036	\$ 5,000
POC Reciprocating Air Compressor No. 2	12/2009	2024	2029	\$ 10,350
POC Reciprocating Tool Air Compressor No. 2 ASM	12/2009	2024	2029	\$ 2,588
POC Air Compressor No. 3 ASM	12/2009	2024	2027	\$ 2,588
POC Air Compressor No. 3	12/2009	2024	2027	\$ 10,350
POC Air Compressor Motor No. 3	12/2009	2024	2027	\$ 15,412
POC Air Compressor Dryer No. 3	12/2009	2024	2027	\$ 5,204
POC Air Compressor Dryer No. 4	12/2009	2024	2027	\$ 5,204
POC Air Compressor Motor No. 4	12/2009	2024	2027	\$ 15,412
POC Air Compressor No. 4	12/2009	2024	2027	\$ 10,350
POC Air Compressor No. 4 ASM	12/2009	2024	2027	\$ 2,588
POC West Man Door LCP No. 1	12/2009	2029	2036	\$ 1,400
POC Southeast Man Door LCP No. 2	12/2009	2029	2036	\$ 1,400
POC North Man Door LCP No. 3	12/2009	2029	2036	\$ 1,400
POC Southwest Man Door LCP No. 4	12/2009	2029	2036	\$ 1,400
POC Low Voltage Switchgear	12/2009	2029	2031	\$ 148,397
POC Automatic Transfer Switch	12/2009	2029	2031	\$ 2,405
POC Electrical Room LCP	12/2009	2029	2034	\$ 1,400
POC Lighting Contactor	12/2009	2029	2036	\$ 2,500
POC Dry Type Transformer	12/2009	2029	2033	\$ 910
POC Dry Type Transformer	12/2009	2029	2033	\$ 830
POC Dry Type Transformer	12/2009	2029	2033	\$ 830
POC Unit Substation Transformer	12/2009	2029	2031	\$ 83,765
POC Unit Substation Transformer	12/2009	2029	2031	\$ 83,765
POC Odor Control Fan ASM No. 1	12/2009	2024	2025	\$ 9,600
POC Odor Control Fan Motor No. 1	12/2009	2024	2027	\$ 52,000
POC Odor Control Fan No. 1 (F-15F10)	12/2009	2034	2038	\$ 38,400
POC Odor Control Fan No. 2 (F-15F20)	12/2009	2034	2038	\$ 38,400
POC Odor Control Fan Motor No. 2	12/2009	2024	2027	\$ 52,000
POC Odor Control Fan ASM No. 2	12/2009	2024	2025	\$ 9,600
POC Odor Control Fan ASM No. 3	12/2009	2024	2025	\$ 9,600
POC Odor Control Fan Motor No. 3	12/2009	2024	2027	\$ 52,000
POC Odor Control Fan No. 3 (F-15F30)	12/2009	2034	2038	\$ 38,400
POC Odor Control Fan No. 4 (F-15F40)	12/2009	2034	2038	\$ 38,400
POC Odor Control Fan Motor No. 4	12/2009	2024	2027	\$ 52,000
POC Odor Control Fan ASM No. 4	12/2009	2024	2026	\$ 9,600
POC Odor Control Fan No. 1 VFD	12/2009	2029	2031	\$ 50,000
POC Odor Control Fan No. 2 VFD	12/2009	2029	2031	\$ 50,000
POC Odor Control Fan No. 3 VFD	12/2009	2029	2031	\$ 50,000
POC Odor Control Fan No. 4 VFD	12/2009	2029	2031	\$ 50,000
POC Fire Alarm Control Panel	12/2009	2029	2033	\$ 6,500
POC Air Cooled Condenser	12/2009	2019	2020	\$ 75,000
POC Motor Control Center	12/2009	2029	2031	\$ 24,137
POC - MCC-1501 JET MIX PUMP 11-A	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 WASTE SLUDGE PUMP 11-B	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 EXHAUST FAN No 53-B	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 EXHAUST FAN No 33-C	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 SCRUBBER No 1 RECIRC PUMP3-D	12/2009	2024	2026	\$ 5,223

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
POC - MCC-1501 EQ PUMP 14-A	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 EXHAUST FAN 4-B	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 MAKEUP AIR 4-C	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 SCRUBBER RECIRC PUMP 4-D	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 TVSS 5-A	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 METERING 5-B	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 MAIN LUGS 5-C	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 ACID WASH PUMP 6-A	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 TIE BREAKER 6-B	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 BUS SYSTEM 2 SURGE SUPPRESSION 7-A	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 BUS SYSTEM 2 SURGE 7-B	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 MCC-1501 B SIDE MAIN LUGS 7-C	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 EQ PUMP No 2 8-A	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 EXHAUST FAN No 2 8-B	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 AIR HANDLING UNIT 8-C	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 SCRUBBER No 2 RECIRCULATION PUMP 8-D	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 EXHAUST FAN No 6 9-A	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 EXHAUST FAN No 4 9-B	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 SCRUBBER No 4 RECIRC PUMP 9-C	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 JET MIX PUMP NO. 2 11-A	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 WASTE SLUDGE PUMP STATION DRAIN PUMP 11-B	12/2009	2024	2026	\$ 5,223
POC - MCC-1501 WASTE SLUDGE PUMP No 2 11-C	12/2009	2024	2026	\$ 5,223
POC Monorail Hoist And Trolley Motor	12/2009	2024	2029	\$ 15,412
POC Monorail Hoist And Trolley	12/2009	2029	2036	\$ 28,679
POC Monorail Hoist And Trolley No. 1 ASM	12/2009	2034	2041	\$ 50,000
POC Monorail Switch To Fan No. 1	12/2009	2029	2036	\$ 35,000
POC Monorail Switch To Fan No. 2	12/2009	2029	2036	\$ 35,000
POC Monorail Switch To Fan No. 3	12/2009	2029	2036	\$ 35,000
POC Monorail Switch To Fan No. 4	12/2009	2029	2036	\$ 35,000
POC Monorail Switch To Fan Motor No. 1	12/2009	2024	2029	\$ 15,412
POC Monorail Switch To Fan Motor No. 2	12/2009	2024	2029	\$ 15,412
POC Monorail Switch To Fan Motor No. 3	12/2009	2024	2029	\$ 15,412
POC Monorail Switch To Fan Motor No. 4	12/2009	2024	2029	\$ 15,412
POC Scrubber No. 1 ASM	12/2009	2024	2026	\$ 21,000
POC Scrubber No. 1	12/2009	2034	2036	\$ 84,000
POC Scrubber No. 1 Packing Spray Valve Actuator No. 1	12/2009	2024	2029	\$ 9,600
POC Scrubber No. 1 Acid Wash Valve Actuator No. 1	12/2009	2024	2029	\$ 960
POC Scrubber No. 1 Acid Wash Valve	12/2009	2029	2034	\$ 1,040
POC Scrubber No. 1 Bleach Valve Actuator No. 1	12/2009	2024	2029	\$ 960
POC Scrubber No. 1 Bleach Valve	12/2009	2029	2034	\$ 1,040
POC Scrubber No. 1 Caustic Valve Actuator No. 1	12/2009	2024	2029	\$ 960
POC Scrubber No. 1 Caustic Valve	12/2009	2029	2034	\$ 1,040
POC Draeger Polytron IR 334 - Petroleum	12/2009	2016	2018	\$ 3,000
POC Scrubber No. 1 Inlet Damper Actuator No. 1	12/2009	2024	2027	\$ 3,000
POC Scrubber No. 1 Inlet Damper Gearbox No. 1	12/2009	2019	2021	\$ 13,500
POC Scrubber No. 1 Inlet Damper	12/2009	2029	2033	\$ 58,500
POC Scrubber No. 1 Inlet Damper LCP	12/2009	2029	2036	\$ 5,000
POC Scrubber No. 1 Mist Elim. Spray Valve Actuator No. 1	12/2009	2024	2029	\$ 9,600
POC Scrubber No. 1 Mist Elim. Spray Valve	12/2009	2029	2034	\$ 10,400
POC Scrubber No. 1 Make-up Water Valve Actuator No. 1	12/2009	2024	2029	\$ 960
POC Scrubber No. 1 Make-up Water Valve	12/2009	2029	2036	\$ 1,040
POC Scrubber No. 1 Packing Spray Valve	12/2009	2029	2034	\$ 10,400
POC Scrubber No. 2 Packing Spray Valve	12/2009	2029	2034	\$ 10,400
POC Scrubber No. 2 Make-up Water Valve	12/2009	2029	2034	\$ 1,040
POC Scrubber No. 2 Make-up Water Valve Actuator No. 2	12/2009	2024	2029	\$ 960
POC Scrubber No. 2 Mist Elim. Spray Valve	12/2009	2029	2034	\$ 10,400
POC Scrubber No. 2 Mist Elim. Spray Valve Actuator No. 2	12/2009	2024	2029	\$ 9,600
POC Scrubber No. 2 Inlet Damper LCP	12/2009	2029	2036	\$ 5,000
POC Scrubber No. 2 Inlet Damper	12/2009	2029	2033	\$ 58,500
POC Scrubber No. 2 Inlet Damper Gearbox No. 2	12/2009	2019	2021	\$ 13,500
POC Scrubber No. 2 Inlet Damper Actuator No. 2	12/2009	2024	2029	\$ 3,000
POC Draeger Polytron IR 334 - Methane	12/2009	2016	2018	\$ 3,000
POC Scrubber No. 2 Caustic Valve Actuator No. 2	12/2009	2024	2029	\$ 960
POC Scrubber No. 2 Bleach Valve	12/2009	2029	2034	\$ 1,040

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
POC Scrubber No. 2 Bleach Valve Actuator No. 2	12/2009	2024	2029	\$ 960
POC Scrubber No. 2 Acid Wash Valve	12/2009	2029	2034	\$ 1,040
POC Scrubber No. 2 Acid Wash Valve Actuator No. 2	12/2009	2024	2029	\$ 960
POC Scrubber No. 2 Packing Spray Valve Actuator No. 2	12/2009	2024	2029	\$ 9,600
POC Scrubber No. 2 Caustic Valve	12/2009	2029	2034	\$ 1,040
POC Scrubber No. 2	12/2009	2034	2038	\$ 84,000
POC Scrubber No. 2 ASM	12/2009	2024	2026	\$ 21,000
POC Scrubber No. 3 ASM	12/2009	2024	2026	\$ 21,000
POC Scrubber No. 3	12/2009	2034	2038	\$ 84,000
POC Scrubber No. 3 Caustic Valve	12/2009	2029	2034	\$ 1,040
POC Scrubber No. 3 Packing Spray Valve Actuator No. 3	12/2009	2024	2029	\$ 9,600
POC Scrubber No. 3 Acid Wash Valve Actuator No. 3	12/2009	2024	2029	\$ 960
POC Scrubber No. 3 Acid Wash Valve	12/2009	2029	2034	\$ 1,040
POC Scrubber No. 3 Bleach Valve Actuator No. 3	12/2009	2024	2029	\$ 960
POC Scrubber No. 3 Bleach Valve	12/2009	2029	2034	\$ 1,040
POC Scrubber No. 3 Caustic Valve Actuator No. 3	12/2009	2024	2029	\$ 960
POC Draeger Polytron IR 334 - Petroleum	12/2009	2016	2018	\$ 3,000
POC Scrubber No. 3 Inlet Damper Actuator No. 3	12/2009	2024	2029	\$ 3,000
POC Scrubber No. 3 Inlet Damper Gearbox No. 3	12/2009	2019	2021	\$ 13,500
POC Scrubber No. 3 Inlet Damper	12/2009	2029	2033	\$ 58,500
POC Scrubber No. 3 Inlet Damper LCP	12/2009	2029	2036	\$ 5,000
POC Scrubber No. 3 Mist Elim. Spray Valve Actuator No. 3	12/2009	2024	2029	\$ 9,600
POC Scrubber No. 3 Mist Elim. Spray Valve	12/2009	2029	2034	\$ 10,400
POC Scrubber No. 3 Make-up Water Valve Actuator No. 3	12/2009	2024	2029	\$ 960
POC Scrubber No. 3 Make-up Water Valve	12/2009	2029	2034	\$ 1,040
POC Scrubber No. 3 Packing Spray Valve	12/2009	2029	2034	\$ 10,400
POC Scrubber No. 4 Packing Spray Valve	12/2009	2029	2034	\$ 10,400
POC Scrubber No. 4 Make-up Water Valve	12/2009	2029	2034	\$ 1,040
POC Scrubber No. 4 Make-up Water Valve Actuator No. 4	12/2009	2024	2029	\$ 960
POC Scrubber No. 4 Mist Elim. Spray Valve	12/2009	2029	2034	\$ 10,400
POC Scrubber No. 4 Mist Elim. Spray Valve Actuator No. 4	12/2009	2024	2029	\$ 9,600
POC Scrubber No. 4 Inlet Damper LCP	12/2009	2029	2036	\$ 5,000
POC Scrubber No. 4 Inlet Damper	12/2009	2029	2033	\$ 58,500
POC Scrubber No. 4 Inlet Damper Gearbox No. 4	12/2009	2019	2021	\$ 13,500
POC Scrubber No. 4 Inlet Damper Actuator No. 4	12/2009	2024	2029	\$ 3,000
POC Draeger Polytron IR 334 - Methane	12/2009	2016	2018	\$ 3,000
POC Scrubber No. 4 Caustic Valve Actuator No. 4	12/2009	2024	2029	\$ 960
POC Scrubber No. 4 Bleach Valve	12/2009	2029	2034	\$ 1,040
POC Scrubber No. 4 Bleach Valve Actuator No. 4	12/2009	2024	2029	\$ 960
POC Scrubber No. 4 Acid Wash Valve	12/2009	2029	2034	\$ 1,040
POC Scrubber No. 4 Acid Wash Valve Actuator No. 4	12/2009	2024	2029	\$ 960
POC Scrubber No. 4 Packing Spray Valve Actuator No. 4	12/2009	2024	2029	\$ 9,600
POC Scrubber No. 4 Caustic Valve	12/2009	2029	2034	\$ 1,040
POC Scrubber No. 4	12/2009	2034	2038	\$ 84,000
POC Scrubber No. 4 ASM	12/2009	2024	2026	\$ 21,000
POC 480V Panelboard	12/2009	2029	2033	\$ 802
POC 480V Panelboard	12/2009	2029	2033	\$ 758
POC 480V Panelboard	12/2009	2029	2033	\$ 578
POC 208/120V Panelboard	12/2009	2029	2033	\$ 318
POC 208/120V Panelboard	12/2009	2029	2033	\$ 318
POC Recirculation (Pump) SN 081201	12/2009	2019	2021	\$ 9,720
POC Flow Indicator	12/2009	2016	2019	\$ 4,903
POC Recirculation Pump (Motor) No. 1	12/2009	2019	2022	\$ 9,200
POC Recirculation Pump No. 1 ASM	12/2009	2019	2021	\$ 1,080
POC Recirculation Pump No. 2 ASM	12/2009	2019	2022	\$ 1,080
POC Recirculation Pump (Motor) No. 2	12/2009	2019	2022	\$ 9,200
POC Flow Indicator	12/2009	2016	2019	\$ 4,903
POC Recirculation (Pump) SN 081202	12/2009	2019	2023	\$ 9,720
POC Flow Indicator	12/2009	2016	2019	\$ 4,903
POC Recirculation Pump (Motor) No. 3	12/2009	2019	2022	\$ 9,200
POC Recirculation Pump No. 3 ASM	12/2009	2029	2036	\$ 1,080
POC Recirculation (Pump) SN 081204	12/2009	2019	2023	\$ 9,720
POC Recirculation Pump No. 4 ASM	12/2009	2019	2023	\$ 1,080
POC Recirculation Pump (Motor) No. 4	12/2009	2019	2022	\$ 9,200

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
POC Flow Indicator	12/2009	2016	2019	\$ 4,903
POC Thermal Flow Switch - 39"	12/2009	2016	2018	\$ 2,500
POC Thermal Flow Switch - 22"	12/2009	2016	2018	\$ 2,500
POC Thermal Flow Switch - 40"	12/2009	2016	2018	\$ 2,500
POC Thermal Flow Switch - 40"	12/2009	2016	2018	\$ 2,500
POC Thermal Flow Switch - 40"	12/2009	2016	2018	\$ 2,500
POC Thermal Flow Switch - 40"	12/2009	2016	2018	\$ 2,500
POC Thermal Flow Switch - 40"	12/2009	2016	2018	\$ 2,500
POC Direct-fired Makeup Air Unit	12/2009	2024	2027	\$ 125,000
POC DX Air Handling Unit	12/2009	2019	2021	\$ 125,000
POC FRP Tube Axial Supply Fan Blade Motor No. 1	12/2009	2024	2029	\$ 7,800
POC FRP Tube Axial Supply No. 1	12/2009	2024	2029	\$ 7,200
POC Propeller Wall Exhaust Fan Blade Motor No. 1	12/2009	2024	2027	\$ 2,600
POC Propeller Wall Exhaust Fan Blade Motor No. 2	12/2009	2024	2027	\$ 2,600
POC Propeller Wall Exhaust Fan Blade Motor No. 3	12/2009	2024	2027	\$ 2,600
POC Propeller Wall Exhaust Fan Blade Motor No. 4	12/2009	2024	2027	\$ 2,600
POC Propeller Wall Exhaust Fan Blade Motor No. 5	12/2009	2024	2027	\$ 2,600
POC Propeller Wall Exhaust Fan Blade No. 2	12/2009	2024	2027	\$ 2,400
POC Propeller Wall Exhaust Fan Blade No. 3	12/2009	2024	2027	\$ 2,400
POC Propeller Wall Exhaust Fan Blade No. 4	12/2009	2024	2027	\$ 2,400
POC Propeller Wall Exhaust Fan Blade No. 5	12/2009	2024	2027	\$ 2,400
POC Propeller Wall Exhaust Fan Blade No. 6	12/2009	2024	2027	\$ 2,400
PPT Air Cooled Condenser	12/2009	2019	2023	\$ 50,000
PPT DX Air Handling Unit	12/2009	2019	2023	\$ 75,000
PPT FRP Axial Supply Fan No. 1 (F-0401)	12/2009	2019	2023	\$ 10,000
PPT FRP Axial Supply Fan No. 2 (F-0402)	12/2009	2019	2023	\$ 10,000
PPT FRP Hooded Axial Supply Fan No. 3 (F-0406)	12/2009	2019	2021	\$ 5,000
PPT FRP Hooded Axial Supply Fan No. 4 (F-0407)	12/2009	2019	2021	\$ 5,000
PPT Air Compressor ASM	12/2009	2019	2023	\$ 1,000
PPT Air Compressor FCP	12/2009	2029	2036	\$ 2,100
PPT Air Compressor Motor	12/2009	2019	2023	\$ 2,900
PPT Air Compressor	12/2009	2019	2023	\$ 4,000
PPT Bridge Crane - Screen Room Gearbox No. 1	12/2009	2024	2029	\$ 4,000
PPT Bridge Crane - Screen Room Gearbox No. 2	12/2009	2024	2029	\$ 4,000
PPT Bridge Crane - Screen Room Motor No. 1	12/2009	2024	2029	\$ 8,000
PPT Bridge Crane - Screen Room Motor No. 2	12/2009	2024	2029	\$ 8,000
PPT Bridge Crane - Screen Room Motor No. 3	12/2009	2024	2029	\$ 8,000
PPT Bridge Crane - Screen Room	12/2009	2029	2036	\$ 68,000
PPT Automatic Transfer Switch	12/2009	2029	2031	\$ 2,405
PPT Heat Trace Monitoring Panelboard	12/2009	2029	2034	\$ 2,000
PPT Motor Control Center 0401	12/2009	2029	2031	\$ 71,721
PPT Motor Control Center 0401B	12/2009	2029	2033	\$ 71,721
PPT - MCC-0401 PRIMARY SLUDGE PUMP 51-A	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 PRIMARY SCUM PUMPS 1,21-B	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 SCREW COMPACTOR 21-D	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 GRIT CLASSIFIER 22-A	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 SCUM COLLECTOR 1A,1B2-B	12/2009	2024	2026	\$ 5,223
PPT - MCC 0401 Bucket 20 GRIT PUMP 32-C	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 SUPPLY FAN2-D	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 EXHAUST FAN2-E	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 PRIMARY SLUDGE PUMP 13-A	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 SCUM & SLUDGE COLLECTOR 3A & 3B 3-C	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 SLUDGE CROSS COLLECTOR 3A & 3B 3-D	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 GRIT PUMP 1 4-A	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 SCUM&SLUDGE COLLECTOR 1A & 1B 4-B	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 SLUDGE CROSS COLLECTOR 1A & 1B 4-C	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 SCUM COLLECTOR 3A,3B 4-D	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 LIQUID SEPARATOR No 3 5-A	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 LIQUID SEPARATOR No 4 5-B	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 PRIMARY SLUDGE PUMP No 3 5-C	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 PRIMARY SEDIMENTATION DRAIN PUMP 5-D	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 MAIN METERING A 6-A	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 DRUM SCREEN 1 6-B	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 ATS 0401 6-C	12/2009	2024	2026	\$ 5,223

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
PPT - MCC-0401 MAIN BREAKER 7-A	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 CHANNEL MIX BLOWER 1 8-A	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 TVSS 8-B	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401 TIE BREAKER 8-C	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B SUPPLY FAN 1-A	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B SCUM COLLECTOR 4A & 4B 1-B	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B PRIMARY SLUDGE PUMP No 6 1-C	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B SURGE PROTECTION DEVICE 1-D	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B MAIN BREAKER B 2-A	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B METER 3-A	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B DRUM SCREEN No 2 3-C	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B EXHAUST FAN 3-D	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B LIQUID SEPARATOR No 1 4-A	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B GRIT CLASSIFIER No 1 4-C	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B GRIT PUMP No 2 4-D	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B GRIT PUMP No 4 4-E	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B SLUDGE CROSS COLLECTOR 2A & 2B 5-B	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B SCREW COMPACTOR No 1 5-C	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B SCUM COLLECTOR 2A & 2B 6-A	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B SCUM & SLUDGE COLLECTOR 4A & 4B 6-B	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B SLUDGE CROSS COLLECTOR 4A & 4B 6-C	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B CHANNEL MIX BLOWER No 2 7-A	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B PRIMARY SCUM PUMPS PFC04K20 7-B	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B FUTURE GRINDER 7-D	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B FUTURE GRINDER 7-E	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B PRIMARY SLUDGE PUMP No 2 8-A	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B PRIMARY SLUDGE PUMP No 4 8-B	12/2009	2024	2026	\$ 5,223
PPT - MCC-0401B LIQUID SEPARATOR No 2 8-D	12/2009	2024	2026	\$ 5,223
PPT 480V Panelboard No. 1	12/2009	2029	2033	\$ 950
PPT 480V Panelboard No. 2	12/2009	2029	2033	\$ 743
PPT 480V Panelboard No. 3	12/2009	2029	2033	\$ 586
PPT 480V Panelboard No. 4	12/2009	2029	2033	\$ 578
PPT 208/120V Panelboard No. 5	12/2009	2029	2033	\$ 312
PPT 208/120V Panelboard No. 6	12/2009	2029	2033	\$ 312
PPT Dry Type Transformer No. 1	12/2009	2029	2033	\$ 910
PPT Dry Type Transformer No. 2	12/2009	2029	2033	\$ 830
PPT Dry Type Transformer No. 3	12/2009	2029	2033	\$ 830
PPT Fire Alarm Control Panel	12/2009	2029	2033	\$ 6,500
PPT Electric Hoist/Deck Monorail Motor	12/2009	2024	2029	\$ 5,600
PPT Electric Hoist/Deck Monorail	12/2009	2034	2041	\$ 34,400
PPT PACKSCAN P3 MASTERSTATION + HOT STANDBY - 60 Channel	12/2009	2029	2031	\$ 31,000
PPT Gas-fired Makeup Air Unit	12/2009	2019	2020	\$ 160,000
PPT Hoist/Gallery Monorail N-S Motor	12/2009	2024	2029	\$ 8,000
PPT Hoist/Gallery Monorail N-S	12/2009	2034	2041	\$ 17,000
PPT Hoist/Gallery Monorail E-W	12/2009	2034	2041	\$ 17,000
PPT Hoist/Gallery Monorail E-W Motor	12/2009	2024	2029	\$ 8,000
PPT Channel Air Blower No. 1 ASM	12/2009	2019	2023	\$ 10,000
PPT Channel Air Blower No. 1 FCP	12/2009	2029	2036	\$ 2,100
PPT Channel Air Blower No. 1 Motor	12/2009	2019	2023	\$ 2,900
PPT Channel Air Blower No. 1	12/2009	2019	2023	\$ 40,000
PPT Channel Air Blower No. 2	12/2009	2019	2023	\$ 40,000
PPT Channel Air Blower No. 2 Motor	12/2009	2019	2023	\$ 2,900
PPT Channel Air Blower No. 2 FCP	12/2009	2029	2036	\$ 2,100
PPT Channel Air Blower No. 2 ASM	12/2009	2019	2023	\$ 10,000
PPT Screw Compactor No. 1 ASM	12/2009	2019	2020	\$ 22,000
PPT Compactor No. 1 Inlet Valve Actuator	12/2009	2024	2027	\$ 5,307
PPT Screw Compactor No. 1	12/2009	2019	2020	\$ 88,000
PPT Compactor No. 1 Inlet valve	12/2009	2029	2031	\$ 9,060
PPT Compactor No. 2 Inlet valve	12/2009	2029	2031	\$ 9,060
PPT Screw Compactor No. 2	12/2009	2019	2020	\$ 88,000
PPT Compactor No. 2 Inlet Valve Actuator	12/2009	2024	2027	\$ 5,307
PPT Screw Compactor No. 2 ASM	12/2009	2019	2020	\$ 22,000
PPT Methane Detector No. 15	12/2009	2016	2017	\$ 3,000
PPT Methane Detector No. 16	12/2009	2016	2017	\$ 3,000

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
PPT Coarse Screen ASM No. 1	12/2009	2019	2020	\$ 69,600
PPT Coarse Drum Screen No.1 Gearbox	03/2015	2025	2025	\$ 48,000
PPT Coarse Drum Screen No. 1 Motor	12/2009	2019	2020	\$ 204,000
PPT Coarse Drum Screen No. 1 Spray Water Valve	12/2009	2029	2031	\$ 1,600
PPT Coarse Drum Screen No. 1	12/2009	2019	2020	\$ 278,400
PPT Coarse Drum Screen No. 1 Spray Water Valve Actuator	12/2009	2029	2036	\$ 400
PPT MultiRanger 200 Transducer (Dual Point Unit) No. 1	12/2009	2016	2019	\$ 2,001
PPT MultiRanger 100 Transducer (Single Point Unit) No. 5	12/2009	2016	2019	\$ 3,000
PPT MultiRanger 100 Transducer (Single Point Unit) No. 6	12/2009	2016	2019	\$ 3,000
PPT MultiRanger 200 Transducer (Dual Point Unit) No. 2	12/2009	2016	2019	\$ 2,001
PPT Coarse Drum Screen No. 2 Spray Water Valve Actuator	12/2009	2029	2034	\$ 400
PPT Coarse Drum Screen No. 2	12/2009	2019	2020	\$ 278,400
PPT Coarse Drum Screen No. 2 Spray Water Valve	12/2009	2029	2031	\$ 1,600
PPT Coarse Drum Screen No. 2 Motor	12/2009	2019	2020	\$ 204,000
PPT Coarse Screen ASM No. 2	12/2009	2019	2020	\$ 69,600
PPT Coarse Drum Screen No. 2 Gearbox	12/2009	2019	2020	\$ 48,000
PPT Fine Screening Liquid Separator No. 1 ASM	12/2009	2019	2023	\$ 5,900
PPT Fine Screening Liquid Separator No. 1 Gearbox	12/2009	2019	2023	\$ 7,000
PPT Fine Screening Liquid Separator No. 1 Motor	12/2009	2024	2029	\$ 13,500
PPT Liquid Separator No. 1 Feed Valve	12/2009	2029	2036	\$ 1,040
PPT Fine Screening Liquid Separator No. 1	12/2009	2019	2023	\$ 23,600
PPT Liquid Separator No. 1 Feed Valve Actuator	12/2009	2024	2029	\$ 960
PPT Liquid Separator No. 2 Feed Valve Actuator	12/2009	2024	2029	\$ 960
PPT Fine Screening Liquid Separator No. 2	12/2009	2019	2023	\$ 23,600
PPT Liquid Separator No. 2 Feed Valve	12/2009	2029	2036	\$ 1,040
PPT Fine Screening Liquid Separator No. 2 Motor	12/2009	2019	2023	\$ 13,500
PPT Fine Screening Liquid Separator No. 2 Gearbox	12/2009	2019	2023	\$ 7,000
PPT Fine Screening Liquid Separator No. 2 ASM	12/2009	2019	2023	\$ 5,900
PPT Fine Screening Liquid Separator No. 3 ASM	12/2009	2019	2023	\$ 5,900
PPT Fine Screening Liquid Separator No. 3 Gearbox	12/2009	2019	2023	\$ 7,000
PPT Fine Screening Liquid Separator No. 3 Motor	12/2009	2019	2023	\$ 13,500
PPT Liquid Separator No. 3 Feed Valve	12/2009	2029	2036	\$ 1,040
PPT Fine Screening Liquid Separator No. 3	12/2009	2019	2023	\$ 23,600
PPT Liquid Separator No. 3 Feed Valve Actuator	12/2009	2024	2029	\$ 960
PPT Liquid Separator No. 4 Feed Valve Actuator	12/2009	2024	2029	\$ 960
PPT Fine Screening Liquid Separator No. 4	12/2009	2019	2023	\$ 23,600
PPT Liquid Separator No. 4 Feed Valve	12/2009	2029	2036	\$ 1,040
PPT Fine Screening Liquid Separator No. 4 Motor	12/2009	2019	2023	\$ 13,500
PPT Fine Screening Liquid Separator No. 4 Gearbox	12/2009	2019	2023	\$ 7,000
PPT Fine Screening Liquid Separator No. 4 ASM	12/2009	2019	2023	\$ 5,900
PPT Grit Classifier No. 1 ASM	12/2009	2019	2021	\$ 5,700
PPT Grit Classifier No. 1 Gearbox	12/2009	2019	2021	\$ 5,000
PPT Grit Classifier No. 1	12/2009	2019	2021	\$ 22,800
PPT Grit Classifier No. 1 Motor	12/2009	2019	2021	\$ 16,500
PPT Grit Classifier No. 2 Motor	12/2009	2019	2021	\$ 16,500
PPT Grit Classifier No. 2	12/2009	2019	2021	\$ 22,800
PPT Grit Classifier No. 2 Gearbox	12/2009	2019	2021	\$ 5,000
PPT Grit Classifier No. 2 ASM	12/2009	2019	2021	\$ 5,700
PPT Grit Chamber No. 1	12/2009	2019	2021	\$ 175,000
PPT Methane Detector No. 3	12/2009	2016	2018	\$ 3,000
PPT Methane Detector No. 4	12/2009	2016	2018	\$ 3,000
PPT Grit Chamber No. 2	12/2009	2019	2021	\$ 175,000
PPT Grit Pump No. 1 ASM	12/2009	2019	2021	\$ 3,100
PPT Grit Pump No. 1	12/2009	2019	2022	\$ 27,900
PPT Grit Pump Motor No. 1	12/2009	2019	2021	\$ 19,000
PPT Grit Pump Motor No. 2	12/2009	2019	2021	\$ 19,000
PPT Grit Pump No. 2	12/2009	2019	2022	\$ 27,900
PPT Grit Pump No. 2 ASM	12/2009	2019	2022	\$ 3,100
PPT Grit Pump No. 3 ASM	12/2009	2019	2022	\$ 3,100
PPT Grit Pump No. 3	12/2009	2019	2022	\$ 27,900
PPT Grit Pump Motor No. 3	12/2009	2019	2021	\$ 19,000
PPT Grit Pump Motor No. 4	12/2009	2019	2021	\$ 16,000
PPT Grit Pump Gearbox No. 4	12/2009	2019	2021	\$ 6,000
PPT Grit Pump No. 4	12/2009	2019	2022	\$ 27,900

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
PPT Grit Pump No. 4 ASM	12/2009	2019	2022	\$ 3,100
PPT PRE Screen No. 1 Inlet Gate Actuator No. 1	12/2009	2024	2029	\$ 8,000
PPT PRE Screen No. 1 Inlet Gate ASM	12/2009	2029	2034	\$ 1,200
PPT PRE Screen No. 1 Inlet Gate	12/2009	2029	2034	\$ 10,800
PPT PRE Screen No. 1 Outlet Gate	12/2009	2029	2036	\$ 10,800
PPT PRE Screen No. 1 Outlet Gate ASM	12/2009	2029	2036	\$ 1,200
PPT Screen No. 1 Outlet Gate Actuator No. 2	12/2009	2024	2029	\$ 8,000
PPT Screen No. 2 Inlet Gate Actuator No. 3	12/2009	2024	2029	\$ 8,000
PPT Screen No. 2 Inlet Gate ASM	12/2009	2029	2034	\$ 1,200
PPT Screen No. 2 Inlet Gate	12/2009	2029	2034	\$ 10,800
PPT Screen No. 2 Outlet Gate	12/2009	2029	2036	\$ 10,800
PPT Screen No. 2 Outlet Gate ASM	12/2009	2029	2036	\$ 1,200
PPT Screen No. 2 Outlet Gate Actuator No. 4	12/2009	2024	2029	\$ 8,000
PPT Bypass Channel Inlet Gate Actuator No. 5	12/2009	2024	2029	\$ 8,000
PPT Bypass Channel Inlet Gate ASM	12/2009	2029	2034	\$ 1,200
PPT Bypass Channel Inlet Gate	12/2009	2029	2034	\$ 10,800
PPT Bypass Channel Outlet Gate	12/2009	2029	2034	\$ 10,800
PPT Bypass Channel Outlet Gate ASM	12/2009	2029	2034	\$ 1,200
PPT Bypass Channel Outlet Gate Actuator No. 6	12/2009	2024	2029	\$ 8,000
PPT Grit Chamber No. 1 Inlet Gate Actuator No. 7	12/2009	2024	2027	\$ 8,000
PPT Grit Chamber No. 1 Inlet Gate ASM	12/2009	2029	2033	\$ 1,200
PPT Grit Chamber No. 1 Inlet Gate	12/2009	2029	2033	\$ 10,800
PPT Grit Chamber No. 2 Inlet Gate	12/2009	2029	2033	\$ 10,800
PPT Grit Chamber No. 2 Inlet Gate ASM	12/2009	2029	2033	\$ 1,200
PPT Grit Chamber No. 2 Inlet Gate Actuator No. 8	12/2009	2024	2027	\$ 8,000
PPT Grit Bypass Gate	12/2009	2029	2033	\$ 20,000
PPT Grit Chamber No. 1 Outlet Gate	12/2009	2029	2033	\$ 10,800
PPT Grit Chamber No. 1 Outlet Gate ASM	12/2009	2029	2033	\$ 1,200
PPT Grit Chamber No. 1 Outlet Gate Actuator No. 10	12/2009	2024	2027	\$ 8,000
PPT Grit Chamber No. 2 Outlet Gate Actuator No. 11	12/2009	2024	2027	\$ 8,000
PPT Grit Chamber No. 2 Outlet Gate ASM	12/2009	2029	2034	\$ 1,200
PPT Grit Chamber No. 2 Outlet Gate	12/2009	2029	2034	\$ 10,800
PPT Primary 1A Inlet Gate	12/2009	2029	2034	\$ 10,800
PPT Primary 1A Inlet Gate ASM	12/2009	2029	2034	\$ 1,200
PPT Primary 1A Inlet Gate Actuator No. 12	12/2009	2024	2029	\$ 8,000
PPT Primary 1B Inlet Gate Actuator No. 13	12/2009	2024	2029	\$ 8,000
PPT Primary 1B Inlet Gate ASM	12/2009	2029	2034	\$ 1,200
PPT Primary 1B Inlet Gate	12/2009	2029	2034	\$ 10,800
PPT Primary 2A Inlet Gate	12/2009	2029	2034	\$ 10,800
PPT Primary 2A Inlet Gate ASM	12/2009	2029	2034	\$ 1,200
PPT Primary 2A Inlet Gate Actuator No. 14	12/2009	2024	2029	\$ 8,000
PPT Primary 2B Inlet Gate Actuator No. 15	12/2009	2024	2029	\$ 8,000
PPT Primary 2B Inlet Gate ASM	12/2009	2029	2034	\$ 1,200
PPT Primary 2B Inlet Gate	12/2009	2029	2034	\$ 10,800
PPT Influent Channel Isolation Gate (North)	12/2009	2029	2034	\$ 10,800
PPT Influent Channel Isolation Gate (North) ASM	12/2009	2029	2034	\$ 1,200
PPT Influent Channel Isolation Gate (North) Actuator No. 16	12/2009	2024	2029	\$ 8,000
PPT Primary Bypass Inlet Gate Actuator No. 17	12/2009	2024	2029	\$ 8,000
PPT Primary Bypass Inlet Gate ASM	12/2009	2029	2034	\$ 1,200
PPT Primary Bypass Inlet Gate	12/2009	2029	2034	\$ 10,800
PPT Primary Bypass Outlet Gate	12/2009	2029	2034	\$ 10,800
PPT Primary Bypass Outlet Gate ASM	12/2009	2029	2034	\$ 1,200
PPT Primary Bypass Outlet Gate Actuator No. 18	12/2009	2024	2029	\$ 8,000
PPT Primary 3A Inlet Gate Actuator No. 19	12/2009	2024	2029	\$ 8,000
PPT Primary 3A Inlet Gate ASM	12/2009	2029	2034	\$ 1,200
PPT Primary 3A Inlet Gate	12/2009	2029	2034	\$ 10,800
PPT Primary 3B Inlet Gate	12/2009	2029	2034	\$ 10,800
PPT Primary 3B Inlet Gate ASM	12/2009	2029	2034	\$ 1,200
PPT Primary 3A Inlet Gate Actuator No. 20	12/2009	2024	2029	\$ 8,000
PPT Influent Channel Isolation Gate (South) Actuator No. 21	12/2009	2024	2029	\$ 8,000
PPT Influent Channel Isolation Gate (South) ASM	12/2009	2029	2034	\$ 1,200
PPT Influent Channel Isolation Gate (South)	12/2009	2029	2034	\$ 10,800
PPT Primary 4A Inlet Gate	12/2009	2029	2034	\$ 10,800
PPT Primary 4A Inlet Gate ASM	12/2009	2029	2034	\$ 1,200

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
PPT Primary 4A Inlet Gate Actuator No. 22	12/2009	2024	2029	\$ 8,000
PPT Primary 4B Inlet Gate Actuator No. 23	12/2009	2024	2029	\$ 8,000
PPT Primary 4B Inlet Gate ASM	12/2009	2029	2034	\$ 1,200
PPT Primary 4B Inlet Gate	12/2009	2029	2034	\$ 10,800
PPT Primary Effluent Channel Outlet Gate	12/2009	2029	2034	\$ 10,800
PPT Primary Effluent Channel Outlet Gate ASM	12/2009	2029	2034	\$ 1,200
PPT Primary Effluent Channel Outlet Gate Actuator No. 24	12/2009	2024	2029	\$ 8,000
PPT Waste Sludge PS Gate to West Chamber	12/2009	2029	2036	\$ 20,000
PPT Waste Sludge Gate - Manual South Gate	12/2009	2029	2036	\$ 20,000
PPT Methane Detector No. 1	12/2009	2016	2018	\$ 3,000
PPT Methane Detector No. 9	12/2009	2016	2017	\$ 3,000
PPT Methane Detector No. 10	12/2009	2016	2018	\$ 3,000
PPT Methane Detector No. 11	12/2009	2016	2018	\$ 3,000
PPT Methane Detector No. 12	12/2009	2016	2018	\$ 3,000
PPT Methane Detector No. 13	12/2009	2016	2018	\$ 3,000
PPT-Hydrogen Sulfide Detector No. 14	12/2009	2016	2018	\$ 3,000
PPT-Hydrogen Sulfide Detector No. 17	12/2009	2016	2018	\$ 3,000
PPT-Hydrogen Sulfide Detector No. 18	12/2009	2016	2018	\$ 3,000
PPT-Hydrogen Sulfide Detector No. 19	12/2009	2016	2018	\$ 3,000
PPT-Hydrogen Sulfide Detector No. 20	12/2009	2016	2018	\$ 3,000
PPT Petroleum Detector No. 21	12/2009	2016	2018	\$ 3,000
PPT Petroleum Detector No. 22	12/2009	2016	2018	\$ 3,000
PPT Equalization Pump No. 1 Discharge Valve	12/2009	2029	2036	\$ 3,500
PPT Equalization Pump No. 1 Check Valve	10/2009	2029	2032	\$ 20,000
PPT Equalization Pump No. 1	12/2009	2019	2020	\$ 90,000
PPT Equalization Pump No. 1 FCP	12/2009	2029	2031	\$ 10,000
PPT Equalization Pump No. 1 VFD	12/2009	2029	2036	\$ 25,000
PPT Equalization Pump No. 2 VFD	12/2009	2029	2036	\$ 25,000
PPT Equalization Pump No. 2 FCP	12/2009	2029	2031	\$ 10,000
PPT Equalization Pump No. 2	12/2009	2019	2020	\$ 90,000
PPT Equalization Pump No. 2 Check Valve	10/2009	2029	2032	\$ 20,000
PPT Equalization Pump No. 2 Discharge Valve	12/2009	2029	2036	\$ 3,500
PPT Equalization Pump No. 3 Discharge Valve	12/2009	2029	2036	\$ 8,000
PPT Equalization Pump No. 3 Check Valve	12/2009	2029	2033	\$ 29,000
PPT Equalization Pump No. 3	12/2009	2019	2020	\$ 130,000
PPT Equalization Pump No. 3 FCP	12/2009	2029	2031	\$ 10,000
PPT Equalization Pump No. 3 VFD	12/2009	2029	2036	\$ 40,000
PPT Equalization Pump No. 4 VFD	12/2009	2029	2036	\$ 40,000
PPT Equalization Pump No. 4 FCP	12/2009	2029	2031	\$ 10,000
PPT Equalization Pump No. 4	12/2009	2019	2020	\$ 130,000
PPT Equalization Pump No. 4 Check Valve	12/2009	2029	2033	\$ 29,000
PPT Equalization Pump No. 4 Discharge Valve	12/2009	2029	2036	\$ 8,000
PPT Equalization Pump No. 5 Discharge Valve	12/2009	2029	2036	\$ 8,000
PPT Equalization Pump No. 5 Check Valve	12/2009	2029	2033	\$ 29,000
PPT Equalization Pump No. 5	12/2009	2019	2020	\$ 130,000
PPT Equalization Pump No. 5 FCP	12/2009	2029	2031	\$ 10,000
PPT Equalization Pump No. 5 VFD	12/2009	2029	2036	\$ 40,000
PPT Jet Mix Pump No. 1 ASM	12/2009	2019	2021	\$ 21,600
PPT Jet Mix Pump No. 1 Motor	12/2009	2019	2022	\$ 18,400
PPT Jet Mix Pump No. 1	07/2018	2028	2030	\$ 20,850
PPT Jet Mix Pump No. 2 Motor	12/2009	2019	2022	\$ 18,400
PPT Jet Mix Pump No. 2	12/2009	2019	2021	\$ 19,440
PPT Jet Mix Pump No. 2 ASM	12/2009	2019	2021	\$ 2,160
PPT 3200 Series Air Flow Indicator - 6" in SS TAG	12/2009	2016	2018	\$ 2,500
PPT 3200 Series Air Flow Indicator - 6" in SS TAG	12/2009	2016	2018	\$ 2,500
PPT 3200 Series Air Flow Indicator - 6" in SS TAG	12/2009	2016	2018	\$ 2,500
PPT Optiflux 2000 - 36" Mag Flow Meter	12/2009	2029	2033	\$ 25,000
PPT Optiflux 2000 - 4" Mag Flow Meter	12/2009	2029	2036	\$ 5,000
PPT Primary Sedimentation Drain Pump ASM	12/2009	2019	2023	\$ 1,620
PPT Primary Sedimentation Drain Pump	12/2009	2019	2023	\$ 14,580
PPT Primary Sedimentation Drain Pump Motor	12/2009	2019	2023	\$ 13,800
PPT Scum Collector No. 1 ASM	12/2009	2019	2022	\$ 6,750
PPT Scum Collector No. 1 Gearbox	12/2009	2019	2022	\$ 10,000
PPT Scum Collector No. 1 Motor	12/2009	2019	2022	\$ 47,500

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
PPT Scum Collector No. 1	12/2009	2019	2022	\$ 60,750
PPT Scum Collector No. 2	12/2009	2019	2022	\$ 60,750
PPT Scum Collector No. 2 Motor	12/2009	2019	2022	\$ 47,500
PPT Scum Collector No. 2 Gearbox	12/2009	2019	2022	\$ 10,000
PPT Scum Collector No. 2 ASM	12/2009	2019	2022	\$ 6,750
PPT Scum Collector No. 3 ASM	12/2009	2019	2022	\$ 6,750
PPT Scum Collector No. 3 Gearbox	12/2009	2019	2022	\$ 10,000
PPT Scum Collector No. 3 Motor	12/2009	2019	2022	\$ 47,500
PPT Scum Collector No. 3	12/2009	2019	2022	\$ 60,750
PPT Scum Collector No. 4	12/2009	2019	2022	\$ 60,750
PPT Scum Collector No. 4 Motor	12/2009	2019	2022	\$ 47,500
PPT Scum Collector No. 4 Gearbox	12/2009	2019	2022	\$ 10,000
PPT Scum Collector No. 4 ASM	12/2009	2019	2022	\$ 6,750
PPT Primary Scum Pump No1 Pressure Level Sensor and Transmitter	04/2017	2032	2033	\$ 1,700
PPT Primary Scum Pump No2 Pressure Level Sensor and Transmitter	04/2017	2032	2033	\$ 1,700
PPT Primary Scum Pump No. 1 ASM	12/2009	2019	2022	\$ 3,500
PPT Primary Scum Pump No 1 Motor	12/2009	2019	2023	\$ 9,000
PPT Primary Scum Pump No. 1 FCP	12/2009	2029	2034	\$ 1,000
PPT Primary Scum Pump No. 1	12/2009	2019	2022	\$ 31,500
PPT-Petroleum Detector No. 23	12/2009	2016	2017	\$ 3,092
PPT Primary Scum Pump No. 2	12/2009	2019	2022	\$ 31,500
PPT Primary Scum Pump No 2 Motor	12/2009	2029	2034	\$ 10,000
PPT Primary Scum Pump No. 2 ASM	12/2009	2019	2022	\$ 3,500
PPT Primary Scum Pump No. 3 ASM	12/2009	2019	2022	\$ 18,900
PPT Primary Scum Pump No 3 Motor	12/2009	2024	2029	\$ 12,100
PPT Primary Scum Pump No. 2 FCP	12/2009	2029	2034	\$ 2,000
PPT Primary Scum Pump No. 3	12/2009	2019	2022	\$ 31,500
PPT-Petroleum Detector No. 24	12/2009	2016	2017	\$ 3,092
PPT Primary Scum Pump No. 4	12/2009	2019	2022	\$ 31,500
PPT Primary Scum Pump No 4 Motor	12/2009	2019	2023	\$ 16,100
PPT Primary Scum Pump No. 4 ASM	12/2009	2019	2022	\$ 18,900
PPT Sludge Collector No. 1 ASM	12/2009	2019	2021	\$ 13,500
PPT Sludge Collector No. 1 Gearbox	12/2009	2019	2021	\$ 10,000
PPT Sludge Collector No. 1 Motor	12/2009	2019	2021	\$ 47,500
PPT Sludge Collector No. 1	12/2009	2019	2021	\$ 54,000
PPT Sludge Collector No. 2	12/2009	2019	2021	\$ 54,000
PPT Sludge Collector No. 2 Motor	12/2009	2019	2021	\$ 47,500
PPT Sludge Collector No. 2 Gearbox	12/2009	2019	2021	\$ 10,000
PPT Sludge Collector No. 2 ASM	12/2009	2019	2021	\$ 13,500
PPT Sludge Collector No. 3 ASM	12/2009	2019	2021	\$ 13,500
PPT Sludge Collector No. 3 Gearbox	12/2009	2019	2021	\$ 10,000
PPT Sludge Collector No. 3 Motor	12/2009	2019	2021	\$ 47,500
PPT Sludge Collector No. 3	12/2009	2019	2021	\$ 54,000
PPT Sludge Collector No. 4	12/2009	2019	2021	\$ 54,000
PPT Sludge Collector No. 4 Motor	12/2009	2019	2021	\$ 47,500
PPT Sludge Collector No. 4 Gearbox	12/2009	2019	2021	\$ 10,000
PPT Sludge Collector No. 4 ASM	12/2009	2019	2021	\$ 13,500
PPT Sludge Cross Collector (Screw) No. 1 ASM	12/2009	2019	2021	\$ 13,500
PPT Sludge Cross Collector (Screw) No. 1 Gearbox	12/2009	2019	2021	\$ 10,000
PPT Sludge Cross Collector (Screw) No. 1 Motor	12/2009	2019	2021	\$ 47,500
PPT Sludge Cross Collector (Screw) No. 1	12/2009	2019	2021	\$ 54,000
PPT Methane Detector No. 5	12/2009	2016	2018	\$ 3,000
PPT Methane Detector No. 6	12/2009	2016	2018	\$ 3,000
PPT Sludge Cross Collector (Screw) No. 2	12/2009	2019	2021	\$ 54,000
PPT Sludge Cross Collector (Screw) No. 2 Motor	12/2009	2019	2021	\$ 47,500
PPT Sludge Cross Collector (Screw) No. 2 Gearbox	12/2009	2019	2021	\$ 10,000
PPT Sludge Cross Collector (Screw) No. 2 ASM	12/2009	2019	2021	\$ 13,500
PPT Sludge Cross Collector (Screw) No. 3 ASM	12/2009	2019	2021	\$ 13,500
PPT Sludge Cross Collector (Screw) No. 3 Gearbox	12/2009	2019	2021	\$ 10,000
PPT Sludge Cross Collector (Screw) No. 3 Motor	12/2009	2019	2022	\$ 47,500
PPT Sludge Cross Collector (Screw) No. 3	12/2009	2019	2022	\$ 54,000
PPT Methane Detector No. 7	12/2009	2016	2019	\$ 3,000
PPT Methane Detector No. 8	12/2009	2016	2019	\$ 3,000
PPT Sludge Cross Collector (Screw) No. 4	12/2009	2019	2022	\$ 13,500

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
PPT Sludge Cross Collector (Screw) No. 4 Motor	12/2009	2019	2022	\$ 47,500
PPT Sludge Cross Collector (Screw) No. 4 Gearbox	12/2009	2019	2022	\$ 10,000
PPT Sludge Cross Collector (Screw) No. 4 ASM	12/2009	2019	2022	\$ 54,000
PPT Primary Sludge Pump No. 1 ASM	12/2009	2019	2022	\$ 2,800
PPT Primary Sludge Gearbox No. 1	12/2009	2019	2022	\$ 6,000
PPT Primary Sludge Pump Motor No. 1	12/2009	2019	2022	\$ 16,000
PPT Primary Sludge Pump No. 1	12/2009	2019	2022	\$ 25,200
PPT Primary Sludge Pump No. 2	12/2009	2019	2022	\$ 25,200
PPT Primary Sludge Pump Motor No. 2	12/2009	2019	2022	\$ 16,000
PPT Primary Sludge Gearbox No. 2	12/2009	2019	2022	\$ 6,000
PPT Primary Sludge Pump No. 2 ASM	12/2009	2019	2022	\$ 2,800
PPT Primary Sludge Pump No. 3 ASM	12/2009	2019	2023	\$ 2,800
PPT Primary Sludge Gearbox No. 3	12/2009	2019	2023	\$ 6,000
PPT Primary Sludge Pump Motor No. 3	12/2009	2019	2023	\$ 16,000
PPT Primary Sludge Pump No. 3	12/2009	2019	2023	\$ 25,200
PPT Primary Sludge Pump No. 4	12/2009	2019	2023	\$ 25,200
PPT Primary Sludge Pump Motor No. 4	12/2009	2019	2023	\$ 16,000
PPT Primary Sludge Gearbox No. 4	12/2009	2019	2023	\$ 6,000
PPT Primary Sludge Pump No. 4 ASM	12/2009	2019	2023	\$ 2,800
PPT Primary Sludge Pump No. 5 ASM	12/2009	2019	2023	\$ 2,800
PPT Primary Sludge Gearbox No. 5	12/2009	2019	2023	\$ 6,000
PPT Primary Sludge Pump Motor No. 5	12/2009	2019	2023	\$ 16,000
PPT Primary Sludge Pump No. 5	12/2009	2019	2023	\$ 25,200
PPT Primary Sludge Pump No. 6	12/2009	2019	2023	\$ 25,200
PPT Primary Sludge Pump Motor No. 6	12/2009	2019	2023	\$ 16,000
PPT Primary Sludge Gearbox No. 6	12/2009	2019	2023	\$ 6,000
PPT Primary Sludge Pump No. 6 ASM	12/2009	2019	2023	\$ 2,800
PPT Sump Pumps FCP No. 1	12/2009	2029	2034	\$ 10,000
PPT Sump Pump No. 1	12/2009	2019	2022	\$ 20,000
PPT Sump Pump No. 2	12/2009	2019	2022	\$ 20,000
PPT Sump Pump No. 2 FCP	12/2009	2029	2034	\$ 10,000
PPT MultiRanger 100 Transducer (Single Point Unit) No. 3	12/2009	2016	2018	\$ 3,000
PPT MultiRanger 100 Transducer (Single Point Unit) No. 4	12/2009	2016	2018	\$ 3,000
PPT Mobery Hydrostatic Level 394 Inch With 75ft Cable No. 8	12/2009	2016	2019	\$ 3,000
PPT SC1000 Universal Controller/Display W/O GSM No. 9	12/2009	2017	2020	\$ 30,000
PPT Thermal Flow Switch - 25"	12/2009	2016	2018	\$ 2,600
PPT Thermal Flow Switch - 25"	12/2009	2016	2018	\$ 2,600
PPT Thermal Flow Switch - 34"	12/2009	2016	2018	\$ 2,600
PPT Thermal Flow Switch - 25"	12/2009	2016	2018	\$ 2,600
PPT Thermal Flow Switch - 17"	12/2009	2016	2018	\$ 2,600
PPT Thermal Flow Switch - 17"	12/2009	2016	2018	\$ 2,600
PPT Thermal Flow Switch - 22"	12/2009	2016	2018	\$ 2,600
PPT Thermal Flow Switch - 34"	12/2009	2016	2018	\$ 2,600
PPT Pressure Transmitter No. 1	12/2009	2016	2019	\$ 3,700
Bioxide Pump No 1	12/2009	2019	2022	\$ 3,750
Bioxide Pump No 2	12/2009	2019	2022	\$ 3,750
PPT Waste Sludge Wet Well Drain Pump FCP	12/2009	2029	2036	\$ 5,000
PPT Waste Sludge Wet Well Drain Pump	12/2009	2019	2023	\$ 40,000
PPT Waste Sludge Pump No. 1 ASM	12/2009	2019	2021	\$ 2,700
PPT Waste Sludge Pump No. 1 Motor	12/2009	2019	2023	\$ 23,000
PPT Waste Sludge Pump No. 1	12/2009	2019	2021	\$ 24,300
PPT Waste Sludge Pump No. 1 VFD	12/2009	2029	2033	\$ 10,000
PPT Controller Transducer No. 1	12/2009	2016	2018	\$ 11,000
PPT Waste Sludge Pump No. 2 VFD	12/2009	2029	2033	\$ 10,000
PPT Waste Sludge Pump No. 2	12/2009	2019	2021	\$ 24,300
PPT Waste Sludge Pump No. 2 Motor	12/2009	2019	2023	\$ 23,000
PPT Waste Sludge Pump No. 2 ASM	12/2009	2019	2021	\$ 2,700
Backflow Preventer 1.5'-PPT-W1	12/2009	2029	2031	\$ 5,503
Backflow Preventer 4'-PPT-W3	12/2009	2029	2031	\$ 5,503
Backflow Preventer 4'-PPT-W3	12/2009	2029	2031	\$ 5,503
Backflow Preventer 2'-PPT/DRUM SCREEN-W1	12/2009	2029	2031	\$ 5,503
PPT Primary Scum Pump Wet Well No.1	12/2009	2034	2036	\$ 50,000
PPT Primary Scum Pump Wet Well No.2	12/2009	2034	2036	\$ 50,000
PPT Optiflux 2000 - 12" Mag Flow Meter	12/2009	2029	2031	\$ 4,903

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
PPT Primary Effluent Sampler	08/2016	2026	2030	\$ 7,213
PPT DCS Cabinet/System	12/2009	2024	2026	\$ 525,000
Raw Influent Sampler	12/2015	2025	2029	\$ 6,062
Primary Influent Sampler	12/2009	2019	2021	\$ 6,007
PPT West Dumpster Bay Roll-Up Door Motor	12/2009	2019	2023	\$ 15,412
PPT East Dumpster Bay Roll-Up Door Motor	12/2009	2019	2023	\$ 15,412
PPT Center Roll-Up Door Motor	12/2009	2019	2023	\$ 15,412
PPT DCS Workstation	12/2009	2016	2019	\$ 5,000
PPT FRP Upblast Roof Exhaust Fan No. 1 (F-0404)	12/2009	2019	2021	\$ 5,000
PPT FRP Upblast Roof Exhaust Fan No. 2 (F-0405)	12/2009	2019	2021	\$ 5,000
PPT Propeller Wall Supply Fan No. 5 (F-0403)	12/2009	2019	2023	\$ 5,000
TSP Check Valve No. 1	11/2007	2032	2033	\$ 4,597
TSP Check Valve No. 2	11/2007	2032	2033	\$ 4,597
TSP Electrical System/Components	11/2007	2022	2027	\$ 55,360
TSP Main Service Breaker	11/2007	2022	2023	\$ 4,755
TSP Lighting	11/2007	2027	2034	\$ 2,536
TSP 7.5 KVA Mini Power Station	11/2007	2027	2030	\$ 15,049
TSP Transfer Switch	11/2007	2027	2028	\$ 18,000
TSP Transient Voltage Surge Suppressor No. 1	11/2007	2019	2021	\$ 9,423
TSP Transient Voltage Surge Suppressor No. 2	11/2007	2019	2021	\$ 9,423
TSP Transient Voltage Surge Suppressor No. 3	11/2007	2019	2021	\$ 9,423
TSP EMERGENCY GENERATOR	11/2007	2027	2028	\$ 62,047
TSP Isolation Valve No. 1	11/2007	2032	2039	\$ 2,618
TSP Isolation Valve No. 2	11/2007	2032	2039	\$ 2,618
TSP Magmeter/Effluent Flow Meter	11/2007	2027	2034	\$ 8,812
TSP Surge Relief Valve	11/2007	2032	2037	\$ 6,274
TSPS Wet Well No. 1	01/2008	2033	2039	\$ 200,000
UV Wiper FCP	06/2011	2036	2043	\$ 12,273
UV System FCP	06/2011	2036	2043	\$ 56,660
Ultraviolet Disinfection System Factory Control Panel	06/2011	2036	2043	\$ 40,000
UV Bridge Crane No. 4 ASM	06/2011	2036	2043	\$ 7,513
UV Bridge Crane Gearbox No. 4	06/2011	2036	2043	\$ 7,733
UV Bridge Crane Motor No. 4	06/2011	2036	2043	\$ 9,943
UV Bridge Crane No. 4	06/2011	2036	2043	\$ 30,050
UV Channel No. 1 Light Bank A	06/2011	2031	2033	\$ 81,637
UV Channel No. 1 Light Bank B	06/2011	2031	2033	\$ 81,637
UV No. 1 Inlet Gate Actuator	06/2011	2026	2030	\$ 3,239
UV No 1 Inlet Gate	06/2011	2031	2034	\$ 4,859
UV Disinfection Module No 1	06/2011	2031	2033	\$ 366,667
UV Bank 1A Power Distribution Center	06/2011	2031	2033	\$ 23,228
UV Bank 1B Power Distribution Center	06/2011	2031	2033	\$ 23,228
UV Bank 2A Power Distribution Center	06/2011	2031	2033	\$ 23,228
UV Bank 2B Power Distribution Center	06/2011	2031	2033	\$ 23,228
UV Disinfection Module No 2	06/2011	2031	2033	\$ 366,667
UV No 2 Inlet Gate	06/2011	2031	2034	\$ 4,859
UV No. 2 Inlet Gate Actuator	06/2011	2026	2030	\$ 3,239
UV Channel No. 2 Light Bank A	06/2011	2031	2033	\$ 81,637
UV Channel No. 2 Light Bank B	06/2011	2031	2033	\$ 81,637
UV Channel No. 3 Light Bank A	06/2011	2031	2033	\$ 81,637
UV Channel No. 3 Light Bank B	06/2011	2031	2033	\$ 81,637
UV No. 3 Inlet Gate Actuator	06/2011	2026	2030	\$ 3,239
UV No 3 Inlet Gate	06/2011	2031	2034	\$ 4,859
UV Disinfection Module No 3	06/2011	2031	2033	\$ 366,667
UV Bank 3A Power Distribution Center	06/2011	2031	2033	\$ 23,228
UV Bank 3B Power Distribution Center	06/2011	2031	2033	\$ 23,228
Ultraviolet Disinfection Hydraulic Pump No. 1	06/2011	2026	2030	\$ 3,750
Backflow Preventer 4' Vault-W1 (Entrance)	02/2011	2031	2032	\$ 5,782
Backflow Preventer 2' Vault-W1(Entrance)	02/2011	2031	2032	\$ 5,782
Backflow Preventer .75' Vault-W1(Entrance)	02/2011	2031	2032	\$ 5,782
Backflow Preventer 8' Vault-W5 (Entrance)	02/2011	2031	2032	\$ 5,782
Parshall Flume No. 1	12/2009	2049	2053	\$ 50,000
Parshall Flume No. 2	12/2009	2049	2053	\$ 50,000
Primary Clarifier Structure No. 1	12/2009	2049	2053	\$ 3,000,000
Primary Clarifier Structure No. 2	12/2009	2049	2053	\$ 3,000,000

Asset Description	Installation Date	ESL	Performance	Cost of Record
		Replacement Year	Replacement Year	
Primary Clarifier Structure No. 3	12/2009	2049	2053	\$ 3,000,000
Primary Clarifier Structure No. 4	12/2009	2049	2053	\$ 3,000,000
Primary Bypass Structure	12/2009	2049	2053	\$ 3,000,000
Equalization Wet Well	03/2009	2034	2035	\$ 500,000
UV Channel No. 1 Structure	06/2011	2051	2054	\$ 1,600,000
UV Channel No. 2 Structure	06/2011	2051	2054	\$ 1,600,000
UV Channel No. 3 Structure	06/2011	2051	2054	\$ 1,600,000
BRB Basins No. 1 Structure	06/2011	2051	2054	\$ 2,200,000
BRB Basins No. 2 Structure	06/2011	2051	2054	\$ 2,200,000
BRB Basins No. 3 Structure	06/2011	2051	2054	\$ 2,200,000
BRB Basins No. 4 Structure	06/2011	2051	2054	\$ 2,200,000
BRB Basins No. 5 Structure	06/2011	2051	2054	\$ 2,200,000