

Madison Chatham Joint Meeting, NJ				2012	2012		3% ESC.
ASSET	COND	CRITICAL	RISK	PLAN	COST 2012	YEAR	COST YEAR
Ford Truck	7.29	1	7.29	REPLACE	\$ 38,500	2015	\$ 42,100
Chemical Piping	7.7	3	23.1	REPLACE	\$ 33,500	2017	\$ 38,900
Chemical Valves	7.7	3	23.1	REPLACE	\$ 5,000	2017	\$ 5,800
Chemical Piping	7.7	3	23.1	REPLACE	\$ 33,500	2017	\$ 38,900
Chemical Valves	7.7	3	23.1	REPLACE	\$ 5,000	2017	\$ 5,800
Roof	7.9	1	7.9	REHAB	\$ 75,000	2017	\$ 87,000
Aeration Mixer	7.4	2	14.8	REHAB	\$ 60,000	2018	\$ 71,700
Aeration Mixer	7.4	2	14.8	REHAB	\$ 60,000	2018	\$ 71,700
Chemical Storage Tanks	7.8	3	23.4	REPLACE	\$ 9,400	2019	\$ 11,600
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Sodium Bisulfite Tank	7.8	3	23.4	REPLACE	\$ 8,300	2020	\$ 10,600
Sodium Bisulfite Tank	7.8	3	23.4	REPLACE	\$ 8,300	2020	\$ 10,600
Pond Aerator 1	7.7	3	23.1	REPLACE	\$ 23,400	2020	\$ 29,700
Pond Aerator 2	7.7	3	23.1	REPLACE	\$ 23,400	2020	\$ 29,700
Hypo Metering Pump 1	7.6	3	22.8	REPLACE	\$ 11,500	2020	\$ 14,600
Hypo Metering Pump 2	7.6	3	22.8	REPLACE	\$ 11,500	2020	\$ 14,600
Feed Pump 1	7.7	2	15.4	REPLACE	\$ 32,000	2020	\$ 40,600
Aqua Belt Filter Press Lower	7.7	2	15.4	REHAB	\$ 20,300	2020	\$ 25,800
Belt Filter Press	7.7	2	15.4	REHAB	\$ 20,300	2020	\$ 25,800
Power Transfer Clutch	7.7	2	15.4	REHAB	\$ 30,000	2020	\$ 38,100
Feed Pump 2	7.7	2	15.4	REPLACE	\$ 32,000	2020	\$ 40,600
Aqua Belt Filter Press Upper	7.7	2	15.4	REHAB	\$ 20,300	2020	\$ 25,800
Power Transfer Clutch	7.7	2	15.4	REHAB	\$ 15,000	2020	\$ 19,100
Gas Engine	7.7	2	15.4	REHAB	\$ 150,000	2020	\$ 190,100
Gas Engine	7.7	2	15.4	REHAB	\$ 150,000	2020	\$ 190,100
Weir Gear Motor	7.7	2	15.4	REHAB	\$ 15,000	2020	\$ 19,100
Drive Motor	7.7	2	15.4	REPLACE	\$ 10,000	2020	\$ 12,700
Mechanical Aerators	7.7	2	15.4	REPLACE	\$ 25,800	2020	\$ 32,700
Mechanical Aerator 5	7.7	2	15.4	REPLACE	\$ 25,800	2020	\$ 32,700
Mechanical Aerators	7.7	2	15.4	REPLACE	\$ 25,800	2020	\$ 32,700
Drive Motor	7.7	2	15.4	REPLACE	\$ 10,000	2020	\$ 12,700
Weir Gear Motor	7.7	2	15.4	REHAB	\$ 15,000	2020	\$ 19,100

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Level Transducers	7.6	2	15.2	REPLACE	\$ 9,000	2020	\$ 11,500
Polymer Pump (BFP)	7.6	2	15.2	REPLACE	\$ 20,000	2020	\$ 25,400
Level Transducers	7.6	2	15.2	REPLACE	\$ 9,000	2020	\$ 11,500
Windows	7.8	1	7.8	REPLACE	\$ 10,000	2020	\$ 12,700
Ford Truck	7.45	1	7.45	REPLACE	\$ 38,500	2021	\$ 50,300
Effluent Piping	7.96	3	23.88	REHAB	\$ 90,000	2022	\$ 121,000
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Chlorine Analyzer	7.8	3	23.4	REPLACE	\$ 30,400	2022	\$ 40,900
Sodium Bisulfite Analyzer	7.8	3	23.4	REPLACE	\$ 26,500	2022	\$ 35,700
Sample Pump 2 (x2)	7.6	3	22.8	REPLACE	\$ 11,900	2022	\$ 16,000
Sodium Bisulfite Pump 1	7.6	3	22.8	REPLACE	\$ 11,500	2022	\$ 15,500
Sodium Bisulfite Pump 2	7.6	3	22.8	REPLACE	\$ 11,500	2022	\$ 15,500
Pond Aerator 3	7.6	3	22.8	REPLACE	\$ 23,400	2022	\$ 31,500
Emergency Generator	7.6	3	22.8	REHAB	\$ 395,000	2022	\$ 530,900
Sample Pump 1 (x2)	7.6	3	22.8	REPLACE	\$ 11,900	2022	\$ 16,000
Plant Alarm System	7.88	2	15.76	REHAB	\$ 125,000	2022	\$ 168,000
Polymer Feed System (GBT)	7.8	2	15.6	REPLACE	\$ 120,000	2022	\$ 161,300
Sludge Digester P2	7.6	2	15.2	REHAB	\$ 725,000	2022	\$ 974,400
Gravity Belt Thickener #2	7.6	2	15.2	REHAB	\$ 20,300	2022	\$ 27,300
VFD	7.6	2	15.2	REPLACE	\$ 12,200	2022	\$ 16,400
Gravity Belt Thickener #1	7.6	2	15.2	REHAB	\$ 20,300	2022	\$ 27,300
Methane Gas C ompressor 2	7.6	2	15.2	REHAB	\$ 150,000	2022	\$ 201,600
Sludge Digester S3	7.6	2	15.2	REHAB	\$ 725,000	2022	\$ 974,400
Weirs	7.6	2	15.2	REPLACE	\$ 50,000	2022	\$ 67,200
VFD	7.6	2	15.2	REPLACE	\$ 12,200	2022	\$ 16,400
Weirs	7.6	2	15.2	REPLACE	\$ 50,000	2022	\$ 67,200
Roadways	7.88	1	7.88	REHAB	\$ 332,000	2022	\$ 446,200
Pond Boat	7.88	1	7.88	REPLACE	\$ 49,000	2022	\$ 65,900
Heating & Ventilation Unit #3	7.6	1	7.6	REHAB	\$ 47,500	2022	\$ 63,900
Heating & Ventilation Unit #4	7.6	1	7.6	REPLACE	\$ 47,500	2022	\$ 63,900
Heating & Ventilation Unit #2	7.6	1	7.6	REHAB	\$ 47,500	2022	\$ 63,900
Level Transducer	7.4	3	22.2	REPLACE	\$ 9,000	2023	\$ 12,500

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WAS Pump	7.7	2	15.4	REPLACE	\$ 54,000	2023	\$ 74,800
Valves	7.7	2	15.4	REPLACE	\$ 39,000	2023	\$ 54,000
Valves	7.7	2	15.4	REPLACE	\$ 39,000	2023	\$ 54,000
Valves	7.7	2	15.4	REPLACE	\$ 39,000	2023	\$ 54,000
Sludge Recirculation Pump 2	7.7	2	15.4	REPLACE	\$ 20,500	2023	\$ 28,400
Valves	7.7	2	15.4	REPLACE	\$ 39,000	2023	\$ 54,000
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Valves	7.7	2	15.4	REPLACE	\$ 39,000	2023	\$ 54,000
Valves	7.7	2	15.4	REPLACE	\$ 39,000	2023	\$ 54,000
Valves	7.7	2	15.4	REPLACE	\$ 39,000	2023	\$ 54,000
Valves	7.7	2	15.4	REPLACE	\$ 39,000	2023	\$ 54,000
Engine Aeration Blower # 1	7.7	2	15.4	REPLACE	\$ 140,000	2023	\$ 193,800
Engine Aeration Blower # 2	7.7	2	15.4	REPLACE	\$ 140,000	2023	\$ 193,800
Windows	7.7	1	7.7	REHAB	\$ 10,000	2023	\$ 13,900
Windows	7.7	1	7.7	REHAB	\$ 10,000	2023	\$ 13,900
Roof	7.7	1	7.7	REHAB	\$ 75,000	2023	\$ 103,900
Roof	7.7	1	7.7	REHAB	\$ 75,000	2023	\$ 103,900
Roof	7.7	1	7.7	REHAB	\$ 75,000	2023	\$ 103,900
TOTAL MCJM CAPITAL IMPROVEMENT =					\$ 5,294,600		\$ 7,042,100
TOTAL MCJM ESTIMATED CAPITAL IMPROVEMENT COSTS =							
					\$5,294,600		
MADISON SHARE =	0.62			MADISON COSTS =	\$3,282,652		
CHATHAM SHARE =	0.38			CHATHAM COSTS =	\$2,011,948		

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ASSET	COND	CRITICAL	RISK	PLAN	COST 2012	YEAR	COST YEAR
ANTICIPATED DEBT PAYMENTS on MUNICIPAL BONDS							
<u>BOND DESCRIPTION</u>	<u>2015</u>	<u>2016</u>	<u>2107</u>	<u>2018</u>	<u>2019</u>	<u>Subtotal</u>	
Winter 2010 - Fund Loan	20746	20746	20746	20746	20746	103730	
Winter 2010 - Trust	30375	29625	31875	32875	31875	156625	
2011 Direct - Fund Loan	4565	4565	4565	4565	4565	22825	
2011 Direct - Trust	6656	6656	6656	6656	6656	33280	
Subtotal	62342	61592	63842	64842	63842	316460	
2014 Bonds - Trust	3887	33994	33774	33508	38190	143353	
<u>2014 Bonds - Fund Loan</u>	<u>56985</u>	<u>115253</u>	<u>115033</u>	<u>114767</u>	<u>116997</u>	<u>519035</u>	
Subtotal	60872	149247	148807	148275	155187	662388	
Total	\$123,214	\$210,839	\$212,649	\$213,117	\$219,029	\$978,848	
Five Year Debt Payment Projections				2015-2019	\$978,848		
				2020-2024	\$1,068,806		
				2025-2029	\$1,059,788		
				2030-2034	\$755,779		