

Appendix G

Capital Improvement Plan (CIP)

Description	Location	Replacement year	life	Cost @ next Replacement
Domestic boiler recirculation pumps	121 South Main	FY36	20	\$24,749
Domestic Boiler	WRF Boiler Room	FY46	30	\$127,579
WRF Roof	WRF	FY35	20	\$237,859
primary pump grinders	Wastewater Treatment Facility	FY26	10	\$15,079
Grit removal system	121 South Main	FY32	15	\$498,208
Air Compressor	Rolling Stock	FY18	15	\$16,600
Pump Station #4	River Crest gravel pit	FY21	50	\$798,249
Primary Clarifier rehabilitation	Treatment Facility	FY19	35	\$380,256
Final effluent flow meter	121 South Main	FY20	15	\$13,311
Chemical feed pumps	121 South Main	FY20	15	\$31,059
Truck 20224	Rolling Stock	FY20	12	\$41,698
Truck 05220	Rolling Stock	FY20	10	\$31,273
Skid Steer/Loader	Rolling Stock	FY21	15	\$69,182
Flusher	Rolling Stock	FY21	11	\$100,798
Cement Trailer	Rolling Stock	FY21	20	\$11,326
Rodder	Rolling Stock	FY22	20	\$23,358
Primary Pumps	Water Reclamation Facility	FY22	15	\$40,472
Dissolved oxygen controllers	121 South Main	FY24	20	\$14,465
Pump Station #2	Ledyard Bridge	FY24	50	\$849,602
Truck 16222	Rolling Stock	FY24	10	\$48,217
Car - General Purpose	Rolling Stock	FY24	10	\$21,215
aeration blowers	121 South Main	FY25	20	\$387,680
HVAC components	121 South Main	FY25	20	\$276,914
Chlorination pumps and bulk storage	121 South Main	FY25	20	\$24,615
Flow meter	121 South Main	FY25	20	\$22,153
Bulk chemical storage tanks	121 South Main	FY25	20	\$18,461
Exhaust fan	121 South Main	FY25	20	\$20,922
Effluent flow meter	121 South Main	FY25	20	\$12,307
Dechlorination pumps and bulk storage	121 South Main	FY25	20	\$24,615
Electric heater	121 Spouth Main	FY25	20	\$30,768
Sludge Trailer	Rolling Stock	FY25	20	\$116,919
Backhoe loader	Rolling Stock	FY26	10	\$59,687
Influent screen	121 South Main	FY27	15	\$205,274
Magnetic flow meter - 8"	121 South Main	FY27	20	\$12,830
Explorer	Rolling Stock	FY27	10	\$37,847
Digester 2 gas pressure sensor	121 South Main	FY28	15	\$13,099
Digester 2 membrane cover air system	121 South Main	FY28	15	\$13,099
Digester 2 radar sensor	121 South Main	FY28	15	\$19,649
Flow meters	121 South Main	FY28	15	\$39,297
Mixer control panels	121 South main	FY29	25	\$33,435
Truck 27106	Rolling Stock	FY29	12	\$106,993
Headworks HVAC	121 South Main	FY30	15	\$13,655
Heat trace system	121 South Main	FY31	25	\$25,095
Digester transfer pumps	121 South Main	FY32	20	\$59,785
Hazardous gas alarm panel	121 South Main	FY32	20	\$21,352
Centrifuge screw conveyor	121 South Main	FY32	20	\$92,524
Centrifuge feed pump	121 South Main	FY32	20	\$64,055
Digester mixing pump	121 South Main	FY32	20	\$64,055
Digester spiral heat exchangers	121 South Main	FY32	20	\$68,326
Digester recirculation pump	121 South Main	FY32	20	\$39,857
Primary digester cover	121 South Main	FY32	20	\$170,814
Flow meter local displays	121 South MAin	FY32	20	\$85,407
Motor operated valves	121 South Main	FY32	20	\$163,697
Centrifuge conveyor #2	121 South Main	FY32	20	\$59,785
Centrifuge conveyor #1	121 South Main	FY32	20	\$28,469
Draft tube mixer	121 South Main	FY32	20	\$49,821
Digester gas holding membrane	121 South Main	FY33	20	\$254,335
Digester 2 mixing pump	121 South Main	FY35	20	\$60,601
Digester 2 sludge level sensor	121 South Main	FY35	20	\$15,150
Digester heat exchangers	121 South Main	FY35	20	\$93,932
Digester 1 recirculation pump	121 South Main	FY35	20	\$37,876
4 head 480 volt pole light	121 South Main	FY35	30	\$18,938
Chemical feed heat trace system	121 South Main	FY35	20	\$15,150
Automatic transfer switch	121 South Main	FY37	25	\$86,863
Digester level sensor	121 South Main	FY37	25	\$16,583
Pump Station #5	Girl Brook & Lyme Rd	FY37	30	\$742,094
Trash Pump	Rolling Stock	FY43	30	\$35,781
Syphon PS #10	Greensboro & 120 intersection	FY47	75	\$274,055
Chlorine contact tanks	121 South Main	FY56	50	\$1,875,214
Pump station #3	Brook Road	FY56	50	\$881,126

Five Year Capital Plan:

Description	Location	Replacement year	life	Cost @ next Replacement
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Pump Station #4	River Crest gravel pit	FY21	50	\$798,249
Primary Clarifier rehabilitation	Treatment Facility	FY19	35	\$380,256
Final effluent flow meter	121 South Main	FY20	15	\$13,311
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