

APEX Wastewater Treatment Plant
Preliminary Cost Estimate
Sequencing Batch Reactor
ADF = 600,000 GPD & PDG = 1,200,000 GPD
rev 6/15/16

Item No.	Description	Estimated Cost
1	Pump Station wit Submersible Pumps	\$ 344,000
2	Headworks Building with Screen & Grit Removal	\$ 772,000
3	Odor Control	\$ 37,500
4	SBR (Includes Post Aeration Tank)	\$ 1,548,500
5	2- Aerobic Sludge Digesters Fine with Fine Bubble Aeration	\$ 523,000
6	3 - Blowers, 1,000 cfm with Building	\$ 236,000
7	UV Disinfection	\$ 273,000
8	Mechanical Sludge Dewatering & Building and Storage Area	\$ 664,000
9	Chemical Storage & Feed Equipment	\$ 30,000
10	Sludge Transfer Pump	\$ 14,000
11	Non-Potable Water System	\$ 85,000
12	New Maintenance / Administration Building	\$ 485,000
13	Influent / Effluent Automatic Samplers	\$ 25,000
14	Standby Power Generator to WWTP	\$ 150,000
15	Electrical	\$ 750,000
16	Piping	\$ 545,000
17	Rapid Infiltration Basin	\$ 672,000
18	Site Work & Fencing	\$ 400,000
19	SCADA System	\$ 300,000
20	* Add if Tertiary Treatment (Aqua Disc) if Required by NDEP	\$ 929,000
	Subtotal	\$ 8,783,000
	Contingency (20%)	\$ 1,756,600
	Subtotal Construction Cost	\$ 10,539,600
	Engineering Services	\$ 1,053,960
	Construction Management	\$ 526,980
	Subtotal Engineering & CM	\$ 1,580,940
	TOTAL	\$ 12,120,540