

OPUD Sewer Capacity Charge Nexus Study
Existing Plant Replacement Cost Breakdown by Component

Category	Replacement Cost
Buildings & Improvements	
General Plant (4600 SF @ \$300 SF) - includes existing Plant offices, breakroom, lab, bathroom, and shop	\$1,300,000
720 SF Trailer (12' x 60')	\$45,000
Vehicle Cover building	\$50,000
Office Equip & Furnishings (including Lab Director Equipment + computers)	\$100,000
Maint. & Auto Equipment	\$1,401,567
WWTF Equipment	
Bar Screen + Headworks infrastructure which includes 3 channels + influent pump station	\$4,405,000
2 Grit vortex (2 pumps + 1 classifier) includes concrete sections	\$1,500,000
(4 Influent Pump) + Housing location with concrete	\$3,000,000
4 MCC/Electric Rooms - 1) Influent Pumps 2.) digester and aerators 3.) Oxidation ditches + bar screens + grit	
4.) Filter + UV. They have VFDs, motor savers, PLCs, air conditioning	\$7,700,000
2 Oxidation ditches, 4 anoxic mixers, 4 flow booster	\$26,800,000
1 splitter box and one 105-diameter, 14-foot SWD Clarifier	\$7,650,000
Filter Influent Pump Station	\$4,000,000
3 Filters	\$3,250,000
RAS/WAS Pump Station - 2 WAS & 2 RAS + station	\$400,000
UV Disinfection	\$6,700,000
Utility Water (3 Pumps)	\$408,000
Solids Handling (includes concrete aeration pond + concrete holding pond, 4 - 50 HP aerators)	\$4,900,000
Flow equalization basin	\$6,905,000
8 sand channels (8 asphalt lined) - 2 feet deep each	\$1,200,000
SCADA	\$300,000
Generator	\$3,250,000
Camera System	\$125,000
Site Asphalt - Roughly 125,000 SF minimum (\$5.80/SF)	\$725,000
Site Storm channel + storm pond	\$250,000
Potable water system	\$150,000
Fencing and exterior walls (5,250 LF @ \$44.75 lf)	\$234,938
Site piping	\$3,200,000
Chemical storage area	\$50,500
Total (Rounded)	\$90,000,000

Source: OPUD.