

Preliminary Cost Estimation for Phase 3 Craig Sludge Line Replacement (2022 Construction Date)

Item	Quantity		Unit Cost		Total Cost
Sludge Line from ARV on Ranney St. / CR 107 tp drying facility					
6" HDPE	8238 ft	6 in	\$ 23.00 /lf/in	\$	189,474.00
excavation	8238 ft	6 ft	\$ 44.00 cy	\$	241,648.00
revegetation		3.8 ac	\$ 6,535.00 /ac	\$	24,717.78
import bedding	1831 cy		\$ 50.00 cy	\$	91,533.33
system tie-ins	7 ea		\$ 5,000.00 LS	\$	35,000.00
Site restoration	1 ls		\$ 5,000.00 LS	\$	5,000.00
Pipeline Structures					
Air Release Valve and Manholes		3	\$ 20,000.00 ea	\$	60,000.00
Subtotal				\$	647,373.12
Owner Expenses					
Sludge Hauling		10 wks	\$ 3,000.00 /wk	\$	30,000.00
Geotech Services		1	\$ 10,000.00 LS	\$	10,000.00
General Conditions					
Mob/demob			LS	\$	50,000.00
Dewatering			LS	\$	7,500.00
Supervision			8%	\$	51,789.85
O&P			10%	\$	64,737.31
Bonds			2%	\$	12,947.46
Contingency				10%	\$ 64,737.31
Construction Engineering Services					\$ 50,000.00
Estimated Construction Cost				\$	989,085.05