

Table 1
Estimated Duration of Selected Construction Activities

Environmental Assessment
T-25 Outfall Upgrade and New Oil/Water Separator

Construction Activity	Estimated Duration Base Bid – Open Excavation	Estimated Duration Alternative 2 - Pipejacking
Soil excavation/backfill/compaction	32 days ¹	14 days ²
Install/remove temporary sheeting	7 days ³	10 days ⁴
Install sheeting left in-place	10 days ⁵	Not included
Pipejacking – hydraulic ram	Not included	18 days ⁶
Dewatering pumps	10 days	17 days
Storm water by-pass pumping	Continuous activity during construction (duration is comparable to Alternative 2)	Continuous activity during construction (duration is comparable to Base Bid)

Notes:

1. Estimated total quantity = 3,000 cubic yards (cy). Estimated daily production rates: excavation 1,040 cy/day; backfill 400 cy/day; compaction 140 cy/day.
2. Estimated total quantity = 1,300 cubic yards (cy). Estimated daily production rates: excavation 1,040 cy/day; backfill 400 cy/day; compaction 140 cy/day.
3. Estimated total quantity = 4,000 square feet (sf). Estimated daily production rate = 600 sf/day.
4. Estimated total quantity = 6,000 square feet (sf). Estimated daily production rate = 600 sf/day.
5. Estimated total quantity = 9,500 square feet (sf). Estimated daily production rate = 1,000 sf/day.
6. Estimated total quantity = 250 linear feet (lf). Estimated daily production rate = 14 lf/day.