Proposed New Brighton Park Shoreline Habitat Restoration Project

April 2016 – 60% Design: Material Quantity Summary for VFPA PER

Material Quantity Table	April 29, 2016 (60% design)
Total Excavation	**19,800 m^3**
Re-use of excavated material within berm[1] on east side of salt marsh, and on habitat island	8,900 m^3
Volume of excavated material (fill placement) proposed for west edge of New Brighton Park	6,700 m^3
Offsite Disposal – Contaminated Soil[2]	~ 250 m^3
Offsite Disposal – Excess Clean Fill[3]	~4,000 m^3
Total Rock (Riprap, Underlayer, Cobble) to be brought onsite per design requirements	750 m^3

Notes:

1. Includes 1,300 m^3 of metals contaminated soil to be risk-managed within berm on east side of salt marsh, per SGMP.
2. 250 m^3 of petroleum hydrocarbon contaminated soil to be removed offsite to a licensed receiving facility, per SGMP.
3. The project team is exploring opportunities to provide excess clean fill to adjacent tenants (i.e. Columbia Containers), to achieve cost and environmental efficiencies. PER will be updated as this develops through spring-summer 2016.