



TECHNICAL MEMORANDUM

MILLENNIUM COAL EXPORT TERMINAL

CONCEPTUAL MITIGATION PLAN—ERRATA

Prepared for: Millennium Bulk Terminals—Longview
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Millennium Bulk Terminals-Longview (MBT-Longview) has submitted a Conceptual Mitigation Plan, dated May 25, 2017, as part of the Millennium Coal Export Terminal Project. Below is a list of identified corrections to the Conceptual Mitigation Plan pertaining to pile numbers as reflected in the refined project design. All numbers are expressed as “up to”, as further pile reduction could occur with further design refinement. These numbers agree with the modified JARPA figures that were presented as Attachment 1 of the Mitigation Plan.

Summary of Corrections:

- The total number of piles supporting the new overwater structure should be “up to 531”. This was over-reported as 573 throughout the document. The difference originates from docks 2 and 3, where the Conceptual Mitigation Plan reported 533 total piles. The correct total from docks 2 and 3 should be “up to 491” as reflected in the refined design. The number of piles supporting the trestle (40) was correctly reported.
- Accordingly, the correct pile footprint is 3,471 sq ft for docks 2 and 3 combined, and the total for the entire structure should be 3,754 sq ft. This was over-reported as 3,769 sq ft for docks 2 and 3, and 4,052 sq ft for the entire structure.
- The total number of piles proposed in the upland within the 200-ft Cowlitz County-administered shoreline zone is “up to six (6)”. This was incorrectly reported as either 20 or 19.

Table 1 (page 7 of the Mitigation Plan) has been revised to reflect the new pile numbers and footprint.

Table 1. Permanent Project structure waterward of OHW

	Above -20 ft CRD				Below -20 ft CRD		TOTAL
	Shallow Nearshore (ACM ¹)		Shallow Water		Deep Water		
Project Element	Trestle	Docks 2 and 3	Trestle	Docks 2 and 3	Trestle	Docks 2 and 3	Docks 2 and 3 and the Trestle
Pile (36-inch), count	18	N/A	8	N/A	14	Up to 491 533	Up to 531² 573
Pile, area	0.00 ac (127 ft ²)	--	0.00 ac (57 ft ²)	--	0.00 ac (99 ft ²)	0.09 ac (3,471 ft ²) (3,769 ft²)	0.09 ac (3,754 ft ²) (4,052 ft²)
Overwater coverage, area	0.21 ac	N/A	0.09 ac	N/A	0.21 ac	4.32 ac	4.83 ac

¹ Aquatic habitat categories used in this Plan are described in Section 3.3. The ACM or “Active Channel Margin” includes that portion of the river’s edge that is located at the interface of the unwetted shoreline and shallow water, and occurs from OHW (+11.1 ft CRD) to 0 ft CRD.

² **Up to 537 ~~592~~ total; up to 531 ~~573~~ would be below ordinary high water and up to six ~~19~~ would be in the upland**