

Gateway Pacific Terminal

Westshore Terminals, Delta, B.C., Canada
September 20, 2011



**Pacific International
Terminals**
A Carrix Enterprise

| Characteristics | Westshore Terminals | Gateway Pacific Terminal |
|---|--|--|
| | | |
| Throughput | 29 Million metric tons per annum (Mtpa) | 48 Million Mtpa per year for coal 54 Million Mtpa all Commodities |
| Commodities | Coal | Coal and other commodities |
| Siting | Terminal built on fill in open marine water on Roberts Bank. Access via causeway built on fill in shallow marine waters. | Upland terminal 3,000 feet inland from shoreline for coal and 1,500 feet inland for other commodities |
| Developed Area | 130 acres upland and 6 acres over water (approximately) | 350 acres of upland and 9.5 acres over water |
| Access to Wharf | Trestle built on piles to natural deep-water berth. Trestle length is 1,695 feet. | Trestle built on piles to natural deep-water berth. Trestle length is 1,100 feet |
| Wharf | One 1,148-foot long marginal wharf, 75-foot draft with 260,000 dead weight ton (dwt) vessel capacity. One two-quadrant loader wharf, 68-foot draft with 180,000 dwt vessel capacity | 3,000-foot long marginal wharf, 72 to 90-foot draft with up to 250,000 dwt vessel capacity |
| Ship Loading | Uncovered, open conveyors | Enclosed conveyors on trestle and Wharf |
| Land Conveyance | Uncovered, open conveyors | Covered conveyors |
| Stockpile Dust Control | Water based spray emission controls in stockyard | Dual Dry fog and water based spray and wind fence at stockyard |
| Stormwater and Water from Operations | Stormwater is collected, treated and discharged. Water from operations is collected, held in settling ponds and reused. | Stormwater is collected, treated (if necessary) and discharged. Water from operations is collected, held in settling ponds and reused. |

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|----------------------------------|--|---|
| Rail Access | Two rail lines in/out | Coal - 2 rail lines in/out initially, 4 in/out at build out Other commodities – 3 rail lines in, 2 out |
| Rail Unloading | One tandem rail car rotary dumper and one single rail car rotary dumper. Enclosed unloading station with misting sprayers in pit for dust control. | Coal - one tandem railcar rotary dumper initially, two-tandem rotary dumpers at build out. Enclosed unloading station with negative air control with fabric filters for dust control. Other commodities – one bottom dumper in an enclosed unloading station |
| Stockyard & Equipment | Open storage, 2.2 million tons total static capacity with four stacker reclaimers. Blended cargo operations with 30 percent cargo assembly. | Coal – open storage, 1.25 million tons static capacity with two stacker/reclaimers initially, 2.75 million tons static capacity with four stacker/reclaimers at build out. No cargo blending from stockpiles. Other Commodities – covered storage |
| Shiploaders | Berth One – one 7,000 ton per hour shiploader Berth Two – two quadrant loaders with a combined 7,000 ton per hour capacity | One 10,000 ton per hour shiploader initially, two 10,000 ton per hour shiploader at build out |

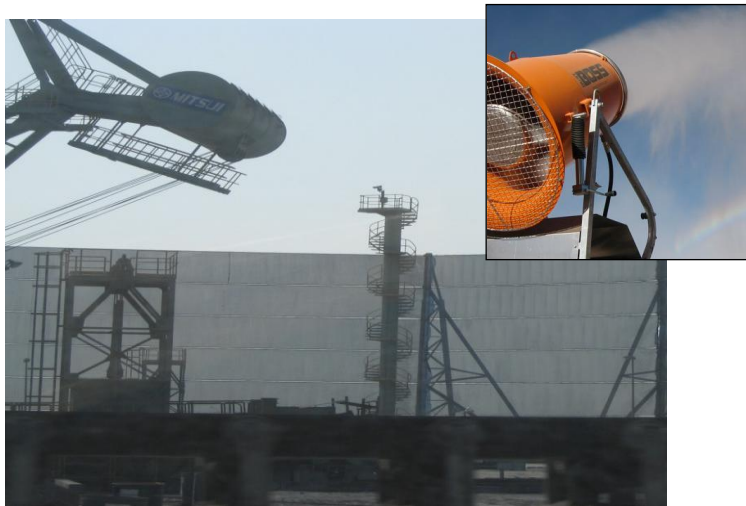
Brief Comparison of Gateway Pacific Terminal at Cherry Point and Westshore Terminals at Roberts Bank

Gateway site rendering of layout described in Project Information Document. Photos of Gateway are of comparable designs. Photos of Westshore are from their website.

| Gateway Pacific Terminal | Westshore Terminals |
|--|---|
| <p data-bbox="191 483 892 511">Siting – Coal Storage 3,000 feet Inland with Natural Buffer</p>  | <p data-bbox="1031 483 1396 511">Siting – On Fill in Open Water</p>  |

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Stockyard Dust Control – Wind Fence & Fogging Cannons



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Stockyard Dust Control – 125-foot Water Spray Towers and Ground Level Spray



Over Water Conveyance – Completed Enclosed Conveyors and Shiploader



Over Water Conveyance – Open Conveyors and Shiploader



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Material Conveyors – Covered Over Land, Enclosed in Gallery Over Water



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Material Conveyors – Open



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Environmental Features

