



PORTLAND BULK TERMINALS, L.L.C.

Berth Specifications

Concrete Berth

Dock Face	252.7 metres
Vessel L.O.A.	252.7 metres (maximum)
Draft Alongside	13.1 metres
Air Draft	15.0 metres
Vessel Capacity	Up to 55,000 MT deadweight
Loading Rate	Rated capacity of up to 6,000 MT/hour
Boom Reach	22.4 metres
Crane Height	32.3 metres
Equipment	Single covered linear shiploader Separate cascade chutes for red and white potash

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Site Features

- Portland Bulk Terminals, L.L.C. (“PBT”) is a potash bulk-handling facility located at Terminal 5 in the Port of Portland, approximately 177 kilometers from the Pacific Ocean
- The site occupies 100 acres of land leased from the Port of Portland, in accordance with state and federal regulations
- PBT is wholly owned by Canpotex Limited (“Canpotex”), a Canadian corporation
- The PBT terminal facility is operated by SSA Marine, Inc., with oversight provided by Canpotex.

Rail

- Three loop tracks can accommodate three Canpotex unit trains on-site, or 390 railcars
- Two on-site locomotives and two traction slugs (7,000 HP combined)
- Enclosed gravity-fed dumper pit can accommodate four railcars

Storage

- Storage shed, with approximately 135,000 MT of potash storage capacity, has six separate storage bays – four bays for specialty white potash products, and two for red potash
- Storage shed specifications – 635.5 metres long, 48.8 metres wide and 25.9 metres high
- Separate portal reclaimers for red and white potash, each with a rated capacity of approximately 3,000 MT/hour

Delivery System

- A stainless steel enclosed conveyor delivery system minimizes dust emissions
- Vertical drops at all transfer points of the conveyor system have been designed to ensure optimum product integrity
- Separate delivery belts and cascade chutes for handling of red and white product ensure elimination of cross-contamination, and gentle delivery of product into storage or onto the vessel
- Conveyor configuration can deliver product to storage or directly to the vessel
- Delivery of products to the vessel is computer controlled from the ship’s deck
- Single covered linear shiploader with a rated capacity of 6,000 MT/hour
- The site utilizes a dry dust collection system to ensure it remains environmentally responsible