




NEPTUNE BULK TERMINALS (CANADA) LTD.

Berth Specifications

Berth 2

Dock Face	230 metres
Vessel L.O.A.	250 metres (maximum)
Draft Alongside	15.4 metres
Air Draft	19 metres
Vessel Capacity	125,000 MT deadweight (maximum)
Loading Rate	Rated capacity of 5,000 MT/hour
Equipment	Two quadrant shiploaders Separate cascade chutes for red and white potash

Berth 3

Dock Face	250 metres
Vessel L.O.A.	230 metres (maximum)
Draft Alongside	13.7 metres
Air Draft	17.7 metres
Vessel Capacity	65,000 MT deadweight (maximum)
Loading Rate	Average rated capacity of 2,500 MT/hour for potash
Equipment	Single linear shiploader Separate cascade chutes for red and white potash Curved pipe conveyor for product delivery

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Site Features

- Operational since 1967, Neptune Bulk Terminals (Canada) Ltd. operates under a long-term lease agreement with the Port of Vancouver in accordance with federal, provincial and local government regulations
- A Canpotex joint venture with Teck Coal, located at Vancouver, British Columbia
- Operated by Neptune Management Group reporting to the Neptune Board of Directors
- Located on 71 acres of land on Vancouver's Burrard Inlet between the First and Second Narrows bridges; this location provides excellent deep water access and sheltered loading for large ocean-going vessels
- Coal is handled at the terminal through separate handling facilities
- The terminal has two berths in potash service (Berth 2 and Berth 3)
- Operations include phosphate rock imports of approximately 1M MT/annum

Rail

- Rail tracks can accommodate two potash unit trains on-site, or 340 railcars
- Two enclosed gravity-fed dumper pits can accommodate four railcars each, reducing operational risk

Storage

- The terminal has two large storage sheds capable of storing approximately 210,000 metric tons of potash
- An A-frame shed, with 110,000 metric tonnes of potash storage capacity, can be subdivided into several sections making it ideal for handling a variety of potash grades. Potash is reclaimed from the bottom of the shed and delivered to either Berth 2 or Berth 3
- A separate cathedral shed (commissioned by Canpotex in 1994), with 100,000 metric tonnes of storage capacity, has a fertilizer portal reclaimer which automatically delivers potash to either Berth 2 or Berth 3 at a rated capacity of up to 6,000 MT/hour

Delivery System

- Conveyor configuration can deliver product to storage or directly to the vessel
- Berth 2 has two quadrant shiploaders that can operate simultaneously, each with a rated capacity of 2,500 MT/hour each
- Berth 3 has a single linear shiploader capable of loading 2,500 MT/hour
- Both berths can load either red or white potash
- Cascade chutes "gently" deposit potash into the vessel hold. There are separate chutes for red and white potash