Gateway Pacific Terminal
Presentation to Multi Agency Permitting Team
Bellevue, Washington
November 30, 2010
Gateway Pacific Terminal: Presentation Content

Content

- **Project Overview**
  - Introduction
  - Site Location and Attributes
  - Permit Status
  - Project History

- **Proposed Action**
  - Current Status
  - Initial Project Alternatives
  - Initial Proposed Commodities

- **Permitting and Regulatory Process**
  - Anticipated NEPA/SEPA, MAPT and EID
  - Anticipated Permits
  - Coordination and Schedule

- **Potential Environmental Impacts**
  - Environmental Elements Analyzed
  - Resource Reports Underway

- **Q&A and Next Steps**
Gateway Pacific Terminal
Project Overview
NEPA/SEPA Process
Gateway Pacific Terminal: Location

Project Location
1092 Acres of Heavy Impact Industrial Zoned (HII) land located in Whatcom County, Washington State 17 Miles from the US – Canadian Border
Gateway Pacific Terminal: Project Overview

Major Site Features

- Natural 65 - 80’ Draft – No dredging necessary;
- Dock Height at 22’ and Low Bank height at 16’ above MLLW: No bank cut necessary;
- Construct three (3) berths in 3000’ x 105’ footprint;
- Construct 1250’ x 50’ access trestle;
- Rail Service: BNSF at site boundary;
- Highway Access: Located 6 miles from Interstate Highway 5 along Highway 548 truck route.
- Industrial Utilities: Power, Water, Natural Gas
Current Status of Permits Since 1992

- Whatcom County Substantial Shoreline Development Permit and Major Project Permit – **Completed**
  - Project vested in 1992 at time of application
  - Received SDP and MPP from Whatcom County in 1997

- US Army Corps of Engineers (USACE) Section 10 Rivers and Harbor Act and Section 404 Clean Water Act Permits – **In Process**

- Federally Required Tribal Negotiations – Cultural and Usual & Accustomed Treaty Rights – **In Process**

- Department of Natural Resources (DNR) Tidelands Lease – **In Process**
  - Tidelands Lease Application and Survey Record have been submitted
1990: GPT Wetland Delineation

1992: SEPA Draft and Final EIS issued

1994: Appellant and PIT negotiations, Herring Studies

1996: Wetland Mitigation Plan

1998: Ecology appeals shoreline permit

2000: PIT enters into Settlement Agreement

2002: Herring Monitoring Studies

2004: Draft SAP

2006: Cultural investigation, SAP revisions, Engineering designs, Initiate Geotech, cont’d SA negotiations

2008: Wetland Delineation, Cont’d SA negotiations

2010: DNR SEPA Decision on Cherry Point Aquatic Reserve Management Plan

2012: Draft Cherry Point Aquatic Reserve Mgt. Plan by DNR

1996 EIS included Aquatic plants, wetlands, marine resources, fisheries, ESA evaluation, environmental health, noise, land and shoreline use, aesthetics, historic and cultural resources, transportation and public services. Appendices included a geotech slope recon, transportation analysis, beach processes, stormwater management plan, shading study, vessel traffic analysis, wetland report and mitigation plan.
Project Timing and Need

Why now and what are the benefits?

- Supports National Export Initiative and Washington State Export Initiative to grow exports
- Will serve as a significant contributor to Washington state’s economy and stimulate international trade
- Promotes local economic development: creates living wage jobs and tax revenue
- Opportunity for working with MAP Team: SB 6578
- Cherry Point Aquatic Reserve and Management Plan completed
- Creates much needed deep water west coast port access in the Pacific Northwest
- Project invests in long term environmental stewardship
- Cornerstone development in industrial zoned area at Cherry Point
- Consistent with long range planning and community development in Whatcom County
  - Cherry Point Management Unit – Heavy Impact Industrial Zoning
  - Identified in Shoreline Master Program (SMP)
Question and Answer on Section

- Project Team
- Site features and Location
- Project History
- Current Status of Permits since 1992
Gateway Pacific Terminal
Proposed Action
Marine Structures

1996 Shoreline Substantial Development Permit Alignment

Agency Proposed Alternate Alignment
Aquatic Lands Lease

Project Vicinity and Cherry Point Aquatic Reserve

- 1980 State promulgates Aquatic Reserve Rule in WAC
- 2000 DNR orders six Aquatic Reserves including Cherry Point
- 2003 DNR Begins work on Management Plans
- 2005 DNR attempts public process to rewrite rule
- 2007 DNR convenes Cherry Point stakeholder work group
- 2008 DNR completes first draft of Management Plan
- 2010 DNR completes SEPA on Cherry Point Aquatic Reserve Management Plan
Gateway Pacific Terminal: Aquatic Lands Lease

Current Lease Footprint

Modified Lease Footprint
Conceptual Layout

[Diagram of a conceptual layout showing areas labeled 'EAST LOOP DEVELOPMENT' and 'WEST LOOP DEVELOPMENT' with a 'SHARED SERVICES AREA']
Gateway Pacific Terminal: Upland Facility

1992 MPP General Arrangement

1996 MPP General Arrangement
1996 Layout Compared to Current Layout
<table>
<thead>
<tr>
<th>Commodity Category</th>
<th>Commodity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Industrial Minerals</strong></td>
<td>Alumina</td>
</tr>
<tr>
<td></td>
<td>Lime rock (crushed limestone)</td>
</tr>
<tr>
<td></td>
<td>Phosphate rock</td>
</tr>
<tr>
<td></td>
<td>Potash</td>
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<tr>
<td></td>
<td>Sulfur (prilled)</td>
</tr>
<tr>
<td></td>
<td>Salt</td>
</tr>
<tr>
<td><strong>Grain Products (dry bulk)</strong></td>
<td>Barley</td>
</tr>
<tr>
<td></td>
<td>Corn</td>
</tr>
<tr>
<td></td>
<td>Feed pellets/meal</td>
</tr>
<tr>
<td></td>
<td>Soybeans</td>
</tr>
<tr>
<td></td>
<td>Wheat</td>
</tr>
<tr>
<td></td>
<td>Oil seeds</td>
</tr>
<tr>
<td><strong>Carbon Products</strong></td>
<td>Coal</td>
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<td></td>
<td>Petroleum coke (green)</td>
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<tr>
<td></td>
<td>Calcined coke</td>
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<tr>
<td><strong>Aggregates</strong></td>
<td>Sand</td>
</tr>
<tr>
<td></td>
<td>Gravel</td>
</tr>
<tr>
<td></td>
<td>Crushed</td>
</tr>
<tr>
<td><strong>Wood</strong></td>
<td>Wood chips</td>
</tr>
<tr>
<td></td>
<td>Wood pellets</td>
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<tr>
<td><strong>Ores</strong></td>
<td>Pelletized Ore</td>
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<td>Concentrate</td>
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</table>
Question and Answer on Section

- Proposed Action
- Potential Project Alternatives
- Potential Commodities
Gateway Pacific Terminal
Existing Conditions and Potential Environmental Effects
Nearshore Characteristics

Substrate
Intertidal -- Large cobbles
Below minus 40 feet -- Sand

Predominant Marine Vegetation
Intertidal -- non-native algae (*Sargassum*)
and a variety of native Puget Sound algal species (e.g., *Ulva* and *Fucus*)
Subtidal -- bull kelp overstory with *laminariales* understory

Marine Fauna
Intertidal -- annelid worms, anemones, amphipods, and clams
Subtidal -- sea stars and rock crabs
# Cultural Resources

<table>
<thead>
<tr>
<th>Site Number</th>
<th>Type of Site</th>
<th>Age</th>
<th>NRHP Listing Eligibility</th>
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<tbody>
<tr>
<td>1</td>
<td>Shell midden</td>
<td>Precontact</td>
<td>Listed</td>
</tr>
<tr>
<td>2</td>
<td>n/a</td>
<td>n/a</td>
<td>Recommended to not be a site</td>
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<tr>
<td>3</td>
<td>Historic foundation</td>
<td>Early to mid 20th C</td>
<td>Not eligible</td>
</tr>
<tr>
<td>4</td>
<td>Historic refuse pile</td>
<td>Mid 20th C</td>
<td>Not eligible</td>
</tr>
<tr>
<td>5</td>
<td>Concrete well</td>
<td>Mid 20th C</td>
<td>Not eligible</td>
</tr>
<tr>
<td>6</td>
<td>Historic foundation</td>
<td>Early to mid 20th C</td>
<td>Not eligible</td>
</tr>
<tr>
<td>7</td>
<td>Historic foundation</td>
<td>Mid 20th C</td>
<td>Not eligible</td>
</tr>
<tr>
<td>8</td>
<td>Historic foundation</td>
<td>Early to mid 20th C</td>
<td>Not eligible</td>
</tr>
<tr>
<td>9</td>
<td>Farmstead site</td>
<td>Mid 20th C</td>
<td>Not eligible</td>
</tr>
<tr>
<td>10</td>
<td>Historic foundation</td>
<td>Early to mid 20th C</td>
<td>Not eligible</td>
</tr>
<tr>
<td>11</td>
<td>Two historic foundations</td>
<td>Mid 20th C</td>
<td>Not eligible</td>
</tr>
<tr>
<td>12</td>
<td>Historic foundation</td>
<td>Early to mid 20th C</td>
<td>Not eligible</td>
</tr>
<tr>
<td>13</td>
<td>Lithic concentration</td>
<td>Precontact</td>
<td>Not eligible</td>
</tr>
<tr>
<td>14</td>
<td>Cobble</td>
<td>Precontact</td>
<td>Not eligible</td>
</tr>
<tr>
<td>15</td>
<td>Basalt flake</td>
<td>Precontact</td>
<td>Not eligible</td>
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</table>
Listed Species
Puget Sound bull trout
Humpback whale
Southern resident killer whale
Steller sea lion
Marbled murrelet
Leatherback sea turtle
Puget Sound Chinook
Puget Sound steelhead
Bocaccio
Canary rockfish
Yelloweye rockfish

Critical Habitat for:
Puget Sound bull trout
Southern resident killer whale
Steller sea lion
Puget Sound Chinook
Transportation
Environmental Information Document
Wetland and Stream Mitigation Plan
Air Quality
Noise
Transportation
Biological Assessment
Socioeconomic
Social Justice
Vessel Traffic Analysis
Hydrologic Study
1. Introduction

2. Project Proponent’s Statement of Purpose and Need

3. Alternatives Including the Proposed Action
   1. No Action
   2. Proposed Action
   3. Alternative No. 1 – South Wharf Alignment
   4. Alternative No. 2 – 1996 Terminal Layout

4. Affected Environment / Environmental Consequences
   All the usual NEPA and SEPA Environmental Elements
   Cumulative Effects

5. Comparison Table of Effects

6. Summary of Mitigation Measures
Gateway Pacific Terminal
Permitting and Regulatory Process
Permitting

Principle Permits/Approvals

U.S. Army Corps of Engineers
- NEPA Compliance
- Clean Water Section 404 Permit/Rivers and Harbors Section 10 Permit
- ESA Consultation and NHPA Section 106 Review
- Other reviews and approvals, as required

Whatcom County
- SEPA Compliance
- Major Project Permit
- Other reviews and approvals, as required

Department of Ecology
- Section 401 Water Quality Certification
- Other reviews and approvals, as required

Department of Fish and Wildlife
- Hydraulic Project Approval(s)

Department of Natural Resources
- Aquatic Lands Lease

Northwest Clean Air Agency
- Order of Approval to Construct and other reviews and approvals, as required
<table>
<thead>
<tr>
<th>Permit / Approval</th>
<th>Required for:</th>
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<tbody>
<tr>
<td>Hydraulic Project Approval</td>
<td>Marine Geotechnical Investigation</td>
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<tr>
<td>Nationwide Permit</td>
<td>Marine Geotechnical Investigation</td>
</tr>
<tr>
<td>Aquatic Lands – Right of Entry</td>
<td>Marine Geotechnical Investigation</td>
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<tr>
<td>Hydraulic Project Approval (s)</td>
<td>Hydrologic Monitoring</td>
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Processes

**Project Schedule**

<table>
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</thead>
<tbody>
<tr>
<td>NEPA / SEPA Environmental Process</td>
<td>NEPA Draft EIS delivered to MAP Team</td>
<td>Publish Notice of Intent in Federal Register</td>
<td>PDEIS delivered to MAP Team</td>
<td>Publish Notice of Availability of DEIS for Comment</td>
<td>FFEIS delivered to MAP Team</td>
<td>Publish FEIS</td>
<td>SEPA Publication of Final Decision on FEIS</td>
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<tr>
<td>Multi-Agency Permitting Team</td>
<td>Meetings #4 and #5</td>
<td>Meetings #6 and #7</td>
<td>On-going MAP Team Coordination</td>
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<tr>
<td>Public Process</td>
<td>Public Scoping Meetings</td>
<td>Public Meeting on DEIS</td>
<td>Close of Public Comment Period</td>
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<tr>
<td>Settlement Agreement</td>
<td></td>
<td></td>
<td>Settlement Agreement Implementation</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
• MAP Team Coordination on Environmental Documentation
• Agency Comments will Assist in Focusing Issues
• Synthesize Available Scientific Information
• Identify Information Gaps and Issues

• Environmental information document will inform Scoping for EIS
• Schedule Established to Address Comments
Next Steps

MAP Team Coordination
Information distribution and review/response
Initiating EIS combined process