Surface Transportation Board’s Office of Environmental Analysis:

“One coal tends to replace another coal…”

Source: TRRC DEIS (Appendix C, p. 10-18)
MILLENIUM LOCATION

MILLENIUM BULK TERMINALS
LONGVIEW, WASHINGTON
RAIL MEETS RIVER

Source: The Oregonian
THE PLANNED CITY

Throughout its first 90 years, Longview.....

- Had a remarkable record of labor stability
- Good paying jobs
- Outstanding schools
- And outstanding health care facilities

Source: Images of America Longview by Dennis Weber
MILLENNIUM IS AN OPERATING PORT

- Operating Bulk Product Terminal (Port)
- Cleaning Up A 70 Year Old Smelter Site
- Developing a New Coal Export Terminal
- Expanding Existing Bulk Product Terminal
CURRENT OPERATIONS

ALUMINA

Unload 6-7 ships per year

Rail to ALCOA Wenatchee
(Supports 467 employees)

COAL

Unload 12 trains per year

Truck to Weyerhaeuser
(Coal helps burn wet wood for power)
Commitment to Safety & Environment

Millennium Bulk Terminals

Key Performance Indicators - Days

- Safety
  - Lost Time: 1528
  - Reportable Injury: 989
- Equipment: 347
- Environmental: 1609

Protect your hands – use your head!
# SAFETY & ENVIRONMENTAL RECORD

<table>
<thead>
<tr>
<th>Millennium Record</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015 YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety LTI’S</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Env. Citations</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
MILLENNIUM
OWNERSHIP

ArchCoal

Lighthouse
RESOURCES INC
COAL FOR ELECTRICITY

World coal consumption by region, 1980-2010

- North America: 1.1 billion short tons
- Europe: 1.0 billion short tons
- Former Soviet Union: 0.4 billion short tons
- Asia: 5.0 billion short tons
- Africa: 0.2 billion short tons
- Central & South America: 0.0 billion short tons

Source: US Energy Information Administration website  www.eia.gov
COAL GROWTH: DEVELOPED ASIA

Source: IEA, ACI, McCloskey
PERMITTING PROGRESS

OUR PROGRESS TO DATE

- **Permit Submittal**
  - February 2012

- **Public Scoping**
  - The EIS process begins September 2013

- **Draft EIS**
  - The Federal & State Environmental Impact Statements are written

- **Final EIS**
  - The final Environmental Impact Statements are used to inform permit decisions

4Q 2015

2016

USACE Record of Decision

County’s decision

State’s decision
COAL EXPORT TERMINAL
PROJECT STATISTICS

Stage 1
- 25 Million Tonnes / Year capacity
- 2 Docks – 1 Shiploader - 5 Train Parking Slots
- 750,000 Tonne stockpile area
- $400 Million Capital Expenditure

Stage 2
- 44 Million Tonnes / Year capacity
- 2 Docks – 2 Shiploaders - 8 Train Parking Slots
- 1.5 Million Tonne stockpile area
- $678 Million Capital Expenditure
GOOD DESIGN
GOOD HOUSEKEEPING
Figure 4.4  Rail Volumes by Direction of Travel, Calendar Years 2010 and 2035

Source: Cambridge Systematics’ 2035 Freight Rail Flows Forecasting (rounded).
WASHINGTON STATE RAIL

- 2035: 260 Million Tons (more than double the volume of 2010)
- Due to “increase in population, per capita income, employment, international trade”
- Roughly 2/3 of the U.S. thermal coal travels by train every year
  - 550-600 million TPY
“A MIND OPENED ABOUT MINED COAL”

“...In the short term, the next few decades, we don’t have any real choice. We can do a huge amount with efficiency. We can do a huge amount with renewables. But the numbers are clear. Coal is going to be around for a good while, so we better figure out how to burn it responsibly.”

David Hawkins
NRDC

Source: Apollo’s Fire By: Jay Inslee; NRDC Testimony Hearing March 6, 2007
Consensus local support

Strong Labor support

Statewide poll shows majority support

Site is right: planned, zoned, brownfield, deep channel, rail meets river
THE FINISH LINE

- PRB Coal burns cleaner/efficient
- Asian growth is demand-driven
- Jobs for Americans
- Energy security for American allies