Riverside Refining, LLC

Refining Shale Oil Into Ultra-Low Sulfur Products
Project Overview

- Planned barrels processed- 25,000+/day, 8.7 million+/year
- Unit Train Crude Receipts- Approximately 10 unit trains per month (one every 3 days)
- Oil Supply- light sweet crude from the Bakken Shale oilfield
- Refinery Location- Port of Longview, Washington State
- Planned output- 50% ULS diesel, 30% gasoline and 20% jet fuel/kerosene
- Primary Target Markets- Regional use
- Secondary Target Market- California for ULS and LCA compliant fuel
- Construction Employment- 400+ construction jobs
- Permanent Employment- 150+ direct jobs with an average wage of $75,000/year
Crude and Refined Product Logistics

- Crude moves by rail to refinery
- Refined products move to market by water
Port of Longview - 56 acres
Refinery Technology Overview

- Optimized to process Bakken and similar light sweet crudes into distillates
- Using Best Available Control Technologies (BACT) and state-of-the-art processing technology the refinery will have a lower carbon footprint than existing West Coast refineries
- Main processing units will be fabricated off-site and moved by water to the Port for installation
- Refinery processing units will occupy approximately 10 acres.
Project Team Members

• **Riverside Energy**- Project owner and developer
  • Lou Soumas-CEO, 25 years experience building successful business in a variety of industries. Energy developer since 2006. Extensive Washington State experience
  • Chris Efird-Chairman, 20 years experience financing major industrial projects with extensive energy industry connections and experience
  • Damon Pistulka-SVP, 25 years of building and operating industrial facilities

• **HQC (Petro China subsidiary)**- Technology provider and EPC
  • International design and engineering firm with 4,000 employees worldwide

• **Trico**- Project Construction Manager
  • Washington based private industrial contracting firm with extension energy related experience
Project Team Members, continued

- **Port of Longview**- Site partner
  - Established operating port with highly qualified operating staff and extensive experience in managing large scale industrial projects involving commodities and logistics.

- **Ventech**- Technology provider
  - U.S. based design, engineering and fabrication firm specializing in crude oil refineries under 50,000 BPD

- **Undisclosed** (request nondisclosure at this time)- Crude supply and logistics partner
  - Extensive experience in sourcing and transporting crude in North America

- **3rd Party Consultants**-
  - Riverside has retained Northwest based consultants to provide Public Relations, Engineering, Permitting and other project related services