



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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Evergreen
Alcoa Site

July 21, 2008

Mr. Stephen Wilson
Crowley Maritime Corp.
P.O. Box 2287
Seattle, WA 98111-1030

Re: Approval of Focused Remedial Investigation and Feasibility Study for
Former Columbia Marine Lines Site

Dear Mr. Wilson:

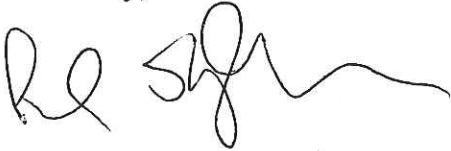
Ecology has finished reviewing the March 2008 Final Focused Remedial Investigation and Feasibility Study for the former Columbia Marine Lines Site. The Site is located on Alcoa property at the Vancouver Washington aluminum smelter complex. The RI/FS summarizes the previous investigations conducted and cleanup technologies implemented at the Site, establishes cleanup standards, develops and evaluates four different cleanup alternatives, and recommends a preferred cleanup action. The site consists of three soil covered infiltration basins which were used periodically for the disposal of barge slops, wash water from barge gas freeing operations, and tug bilge slops. Hydrocarbons in the diesel and gas molecular range are the contaminants of concern at the site.

The previous operator at the site, Columbia Marine Lines, installed and operated a hydrocarbon recovery system for approximately 10 years until 1995. The majority of the floating petroleum free product was removed from the groundwater by this system and a dual phase extraction system operated by Crowley from 2000 to 2003.

The feasibility study recommends extraction and on-site treatment of any petroleum affected soils above 5070 mg/kg discovered during the excavation. Crowley plans to begin this cleanup work during the fall of 2008.

The Department approves the March 2008 Remedial Investigation and Feasibility Study as submitted. We look forward to receiving your work plan for the fall project. If you have any questions regarding this approval please contact me in Olympia (360) 407-6949 or psky@ecy.wa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul Skyllingstad'. The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Paul Skyllingstad
Industrial Section

Cc: M. Stiffler - Alcoa
L. McLellan - Evergreen
S. Hammer - SLR