

25 February 2014

Mr. Stephen Posner
Energy Facility Site Evaluation Council
WA Utilities and Transportation Commission
P.O. Box 43172
Olympia, WA 98504-3172

Subject: Tesoro Savage Vancouver Energy Distribution Terminal
EFSEC Application No. 2013-01 – UTC Docket No. EF 131590
Application Supplement

Dear Mr. Posner:

On behalf of Tesoro Savage Petroleum Terminal LLC (the Applicant), BergerABAM is providing a Supplement to the Tesoro Savage Vancouver Energy Distribution Terminal Application for Site Certification (ASC), dated February 2014. This Supplement was prepared at your request and incorporates revisions and supplemental information into the ASC resulting from the Energy Facility Site Evaluation Council's (EFSEC) review of the ASC for compliance with the requirements contained in Washington Administrative Code (WAC) 463-60 and WAC 463-62.

On 27 January 2014, the Applicant submitted a response to EFSEC sufficiency review addressing comments provided by EFSEC staff¹. EFSEC reviewed this package and found the ASC was "in such detail to enable further review as described in WAC 463-60-010"².

In addition to the revisions addressing EFSEC review comments, the Applicant included additional proposal refinements in consideration of the comments provided by EFSEC's consultants (Cardno-Entrix, and staff from Ecology and Washington Department of Fish and Wildlife), Department of Archeology and Historic Preservation, and other agencies the Applicant has been coordinating with. The refinements further minimize potential impacts, demonstrate the Applicant's commitment to mitigation, and document preliminary oil spill prevention and response plans as follows:

¹ These memoranda were dated 18 October 2013, 13 November 2013, 4 December 2013, and 30 December 2013.

² Letter from Mr. Posner dated 19 February 2014.



- 1) Minor facility boundary modifications have been made, primarily to assist with location of the upland facilities related to Area 400 – Marine Terminal; as a result, the site legal description has been revised (see Section 2.2.2 of the ASC Supplement). As noted in the introduction of this Section of the ASC, the site boundary remains preliminary until final project design has been completed; prior to construction, the Applicant will submit the final Facility site boundary to EFSEC.
- 2) Modifications to berths 13 and 14 (Area 400 – Marine Terminal) have been revised to entirely eliminate the installation of new permanent piling below the ordinary high water mark (OHWM). The revised design relies upon removal of existing piling, strengthening of existing piling, and modifications to the above-water portions of the berths. This design, in association with upland improvements, will provide a structure that meets the Applicant's operational needs and seismic design requirements, while greatly minimizing impacts to aquatic habitats below the OHWM. The revised modifications will incur significantly less construction work below the OHWM, and will avoid the use of impact hammer pile driving below the OHWM. The revised modifications also do not add any new permanent overwater structures, relying instead, for example, on retractable catwalks for dock access. This modified design has been documented in the following sections of the ASC Supplement:
 - a. Section 2.3 – Construction On Site
 - b. Section 2.17 – Construction Methodology
 - c. Section 3.4 – Habitat, Vegetation, Fish, and Wildlife
 - d. Appendix H.1 – Biological Resources Report
 - e. Appendix H.2 – Joint Aquatic Resources Permit Application
- 3) The Applicant has clarified in Section 2.3.5 – Area 500 – Transfer Pipelines, that the transfer pipeline conveyance system will be designed to also allow conveyance from the rail unloading area directly to the marine terminal.
- 4) The Applicant has corrected language in Section 2.3.3.1 – Rail Car Unloading, to clarify that the secondary containment tanks located in the vicinity of the administration buildings will be sized to contain 900 barrels of crude.
- 5) The Applicant has clarified in Section 2.3.4 – Administrative and Support Buildings, that signage will be used to identify the Facility location to direct the flow of visitors.
- 6) The Applicant has corrected in Section 2.3.7 – Area 400 – Marine Terminal, the footprint and height of the dock-side control house.

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- 7) The ASC inadvertently omitted the copy of a letter sent to the Cowlitz Indian Tribe as part of the consultation necessary under WAC 463-60-362 (5). This additional letter has been added to Appendix A.
- 8) The Applicant has developed a preliminary Spill Prevention Control and Countermeasure Plan (Appendix B.2), and a preliminary Oil Spill Contingency Plan (Appendix B.3).
- 9) The Applicant received a letter from the City of Vancouver regarding the availability of sewer capacity to receive wastewater from the Facility; this letter is added to Appendix E.
- 10) The Applicant's consultant, GRI, has completed a detailed geotechnical assessment of the proposed site; a report describing the findings of this assessment is included as a new Appendix L.

This Supplement has been packaged to allow holders of a hard copy of the August 2013 ASC to remove and replace sections that have been updated. A page replacement instruction table is included to assist with these replacements.

The Applicant looks forward to further coordination with you and your staff on the next phases of EFSEC review of this proposal.

Sincerely,



Irina Makarow
Senior Environmental Project Manager

IM:nb

Enclosure

A13.0267/EFSEC/Planning

Application for Site Certification No. 2013-01 Supplement
CD-ROM

cc: Kelly Flint, Savage Companies
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