



King County

ENVIRONMENTAL CHECKLIST ADDENDUM

CHINOOK WIND MITIGATION PROJECT

This addendum provides minor additional information for the Chinook Wind Mitigation Project Environmental Checklist issued November 12, 2019. This additional information does not change any of the environmental or impact analysis provided previously for the project, but rather clarifies the answer to Question 7: Environmental Health, *a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste that could occur as a result of this proposal? If so, describe.* The original answer is displayed in plain text and the additional verbiage in **bold text**. The answer to this question in the Environmental Checklist issued on Nov. 12, 2019 should be amended to read:

7. Environmental Health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste that could occur as a result of this proposal? If so, describe.*

Construction equipment could leak diesel gas, oil, or hydraulic fluid onto the site. **In addition, contamination has been detected in discreet portions of the soils to be excavated from the site. Contaminants detected in an area referred to as Area 1 include Dieldrin, benzo(a)pyrene and carcinogenic polyaromatic hydrocarbons (cPAHs). Both benzo(a)pyrene and cPAH's were found at levels exceeding Model Toxics Control Act (MCTA) Method A and B cleanup values. Lube oil-range hydrocarbons were detected in a groundwater sample take at a location referred to as Area 3 at levels slightly exceeding MCTA Method A cleanup values. An array of creosote-treated timber pilings is buried in an area referred to as Area 2. A groundwater sample collected in the area of the pilings contained benzene at levels slightly exceeding the MCTA Method B cleanup values, likely due to the presence of the coated pilings.**

- 2) Proposed measures to reduce or control environmental health hazards, if any:*

All the above-described areas of contaminated soil and timber pilings will be excavated and removed from the site over the course of the project's construction. Soils from these areas will be segregated and placed on liners and tested for contaminants. Those soils will then be disposed of in accordance with applicable regulations. If there is visual or olfactory evidence of creosote or other contamination at the final grade in the area beneath the creosote-coated piles after their removal, that area will be over-excavated by two-feet and backfilled with clean native soils from elsewhere on the site.

In addition, all soils excavated from the site will be screened visually and olfactorily for contaminants. Any soils that are suspect will be tested and disposed of according to applicable regulations.

The project proponents have worked with the Dredged Materials Management Office to develop a Tier 1 Antidegradation Plan to ensure that the soils exposed to the Duwamish River following construction of the site meet the State of Washington's antidegradation standard.

All construction equipment will be refueled at a designated fueling area outside of critical areas. All equipment will be inspected on a daily basis to determine if there are leaking seals or gaskets that require replacement. BMPs such as fuel containment and a spill response plan will be used during construction of this project to reduce and control environmental health hazards.