

February 3, 2022

Kelli Lambert, Senior Planner
City of Bremerton
345 6th Street, Suite 600
Bremerton, WA 98337

RE: SITE DEVELOPMENT PERMIT APPLICATION- Inventech Marine Solutions

Kelli:

The Health District has reviewed the proposed site development application for the above property. This subject parcel is identified as a former landfill and is subject to the requirements of KCBH Ordinance 2010-1, Solid Waste Regulations §460 *Construction and Notification Standards Near Landfills*. The Kitsap Public Health District (Health District) requires that any debris, contaminated materials, or contaminated soils uncovered during site excavation activities, be removed from the site and properly managed (taken to a facility permitted to accept such wastes). The following requirements also apply to this project.

1. Construction at or near landfills is subject to the following requirements of the Kitsap County Board of Health Ordinance 2010-1, "Solid Waste Regulations":

§460 – Construction and Notification Standards Near Landfills

(1) Construction Requirements.

(a) Methane Protection.

- (i) Any person constructing or developing any area within one-thousand (1,000) feet of the footprint of an active, closed, or abandoned landfill shall provide documentation that demonstrates that levels of methane gas within this one-thousand (1,000) foot zone are below the lower explosive limits (LEL) under all conditions. A description of the investigation methodology, all analytical data, and conclusions shall be presented in a report submitted by a licensed professional engineer or professional geologist to the Health Officer and the local building department for review and approval. Copies of this report shall also be provided to the Washington Department of Ecology and the Puget Sound Clean Air Agency; and*
- (ii) Any person constructing or developing any area within one-thousand (1,000) feet of the footprint of an active, closed, or abandoned landfill shall provide documentation*

that demonstrates that all enclosed structures are protected from potential methane migration. The method for ensuring a structure's protection from methane shall be addressed in a report submitted by a licensed professional engineer to the Health Officer and the local building department for approval. Such a report shall contain a description of the mitigation measures to prevent the accumulation of explosive concentrations of methane gas within or under enclosed portions of a building or structure. At the time of final inspection, the engineer shall furnish a signed statement attesting that the building or structure has been constructed in accordance with his/her recommendations for addressing methane gas migration.

*(b) Stormwater. To minimize erosion impacts and leachate generation, no person shall detain stormwater on a closed or abandoned landfill. Stormwater may be conveyed across a closed or abandoned landfill if the conveyance system has been engineered to minimize the percolation of stormwater into the landfill. ***(SEE BELOW NOTE)***

(d) Groundwater Supply Wells. No person shall construct a groundwater supply well within one-thousand (1,000) feet of an active, closed, or abandoned landfill property boundary without a formal request for variance as outlined in Chapter 173-160 WAC, Minimum Standards for the Construction and Maintenance of Wells, and Kitsap County Board of Health Ordinance 1999-6, Rules and Regulations for Private and Public Water Supplies.

2. Soils used as borrow materials must be “clean”, as defined in the Kitsap County Board of Health (KCBOH) Ordinance 2010-1 “Solid Waste Regulations”.

3. The applicant must ensure either by process knowledge or by testing, that imported fill material is not contaminated. This would include the applicant’s knowledge of the presence of industrial/commercial facilities, prior disposal activities, or other activities that may have contaminated the material to be used as fill.

- Only suitable materials shall be used as fill. Suitable fill does not include vegetative organic matter, demolition or construction wastes, or other debris, except as provided for under the Uniform Building Code (1994).
- All construction trenching activities conducted within 1,000 feet of an active or closed landfill should test for the presence of methane gas and take those safety or engineering precautions necessary for the protection of human health and the environment.
- The applicant shall use all appropriate measures to control roadway carry-on or fugitive dust from excavation activities or materials transportation activities necessary to protect public health or the environment.

* * *

***NOTE:** In reviewing the Stormwater Plans, it appears that the plan is to divert some of the stormwater from the impervious surfaces into newly replaced catchment basins and through newly replaced pipe onto the landfill cap where the water will sheet flow into an existing catch basin before being conveyed via hard pipe to the existing stormwater ponds. If I’m interpreting these plans correctly, that is not something we would be inclined to approve if there was any other way to transport the stormwater to the ponds without detention time on the landfill cap.

8651 Mount Jupiter Way

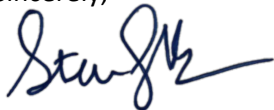
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In addition to the above requirements this property carries with it a Restrictive Covenant, with the Washington State Dept of Ecology (Ecology) listed as the Grantee, and the Port of Bremerton listed as the Grantor. That covenant is included as an attachment to this letter. The covenant requires the Dept of Ecology be notified of this project.

The Health District appreciates the opportunity to comment on this permit. Should you have any questions or require additional information, please do not hesitate to contact me at (360) 728-2277.

Sincerely,



Steven J Brown, R.S.

Program Manager

Solid & Hazardous Waste Program

360-728-2277

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cc: Arne Bakker, Director of Business Development
Port of Bremerton
8850 SW State Hwy 3
Bremerton, WA 98312

WA State Dept of Ecology
Attn. Tamara Welty
PO Box 330316
Shoreline, WA 98133-9716

enc: Dept of Ecology Covenant