



CITY OF
BAINBRIDGE ISLAND

May 30, 2018

Ching-Pi Wang
Department of Ecology
3190 160th Avenue SE
Bellevue, WA 98008

RE: Third Five Year Review Report

Ching-Pi Wang,

Enclosed is the third five-year review report of the Bainbridge Island Landfill. Currently, the City conducts biannual sampling of the groundwater and annual sampling of the surface water pursuant to Table 1-2 of the third five-year report. The past sixteen years of sampling and three five-year reports have shown consistent progress towards achieving the thirty-year cleanup objectives.

The City would like to propose for Ecology's consideration to reduce the ground and surface water sampling frequency to annual testing. In addition, section 4.1 of the third-year report discusses reducing specific sampling parameters for ground and surface water and the City would like to propose these changes. The parameters that would be discontinued for groundwater are: alkalinity, bicarbonate, carbonate, chloride, and hydroxide and surface water: hydroxide, lead, bicarbonate, carbonate, and E. Coli. The proposed sampling contaminants and analytical methods for annual testing are shown below:

Contaminant	Analytical Method	Ground/Surface Water
1,1-dichloroethene	EPA 6260 SIM	Ground
vinyl chloride	EPA 6260 SIM	Ground
Copper	EPA 6020	Surface
Iron (Total)	EPA 6010	Surface
Iron (Dissolved)	EPA 6010	Surface
Manganese (Total)	EPA 6010	Ground
Manganese (Dissolved)	EPA 6010	Ground
Zinc	EPA 6010	Surface
Alkalinity	SM 2320B	Surface
Nitrate (and nitrite + nitrate)	EPA 300.0	Ground
Fecal Coliform	SM 9222D	Surface
Total Coliform	EPA 1604	Surface
Conductivity	Field Parameter	Ground/Surface
Dissolved Oxygen	Field Parameter	Ground/Surface
pH	Field Parameter	Ground/Surface
Turbidity	Field Parameter	Ground/Surface

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Please let me know if you have any questions concerning the third five-year report and proposed changes to the sampling frequency and contaminants. The next five-year report will be submitted by the end of 2021.

Sincerely,

Aaron Claiborne, PMP
Operations Project Manager

CC: Grant Holdcroft, Kitsap Public Health
Patrick Hamel, Kitsap Public Health
Charles Krumheuer, Operations Manager, COBI
Barry Loveless, Public Works Director, COBI

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