



TOWN OF WAYLAND

41 COCHITUATE ROAD
WAYLAND, MASSACHUSETTS 01778

Julia Junghanns, R.S., C.H.O.
DIRECTOR OF PUBLIC HEALTH
TEL. (508) 358-3617
www.wayland.ma.us

October 5, 2015

Dear Mr. Heller,

The following is a clarification of Board of Health recommendations for the River's Edge site stated in the previous memo of 13 May 2015.

The successful bidder will be responsible for an on-site wastewater treatment plant and associated Groundwater Discharge Permit if the facility discharges more than 10,000 gallons per day. Massachusetts Department of Environmental Protection (MassDEP) has suggested (K. Brander email to J. Junghanns, 25 March 2015), and the Board of Health concurs, that the following sampling parameters are expected to be included in any Groundwater Discharge Permit:

Ammonia/nitrogen
Nitrate
Total nitrogen
Phosphorous/orthophosphorous
Lead
Chloride
Manganese
Mercury
Total Volatile Organic Compounds (VOC)
Toluene
Chloroform
4-methyl-2-pentanone
Bromodichloromethane

The above parameters were last tested in 2009 when the site was previously used as a septage facility. Since that time, the site has been used as a parking lot for school buses, heavy equipment, and other uses by Wayland Department of Public Works. Tighe & Bond was commissioned by the Wayland Economic Development Committee in 2012 to perform a limited Phase I Environmental Site Assessment (ESA) for the presence of various hydrocarbon compounds, including VOC and toluene named in the above list, neither of which exceeded allowable limits. A recent groundwater analysis performed by

Tighe & Bond on 17 August 2015 indicated elevated levels of manganese, and for which further action is not required as the groundwater is not a drinking water source (letter from Tighe & Bond to R. Stanizzi, 02 September 2015).


Given the past use of adjacent properties, DEP also suggests, and the Board of Health concurs, that the following pollutants should also be included in groundwater sample testing for any Groundwater Discharge Permit:

Antimony
Arsenic
Barium
Beryllium
Cadmium
Chromium
Copper
Nickel
Selenium
Silver
Thallium
Vanadium
Zinc

The same report and letter from Tighe & Bond referenced above indicated elevated levels for arsenic, which was not believed to be associated with the Wayland landfill.

All test results pertaining to the Groundwater Discharge Permit should be provided to the Board of Health, and the Board have access to the vendor to discuss test results, as necessary.

Respectfully,

A handwritten signature in dark ink, appearing to read 'Thomas Klem', with a long horizontal flourish extending to the right.

Thomas Klem
Chair, Wayland Board of Health

Cc: Julia Junghanns, Cherry Karlson, Nan Balmer