



**Rhode Island
Department of Environmental Management**

235 Promenade St., Providence, RI 02908-5767 TDD 401.222.4462

John C. Klimm
Town Administrator
2200 E. Main Road
Portsmouth, RI 02871

April 4, 2014

RE: Development of Portsmouth Landfill

Dear Mr. Klimm:

As you are aware, the Office of Waste Management has been overseeing the closure of the APE property, known as the Portsmouth Town Dump (also known as the Kidd Landfill) on Park East Drive. The current closure activities being conducted by AP Enterprises, is for the properties they own [Plat 20 Lots 1,2,13 and Plat 25- Lot 2]. This property contains the vast majority of the landfill area. However due to encroachments and subsequent divisions of the property, small portions of the landfill are located on neighboring properties.

Neither sampling nor excavations have been done on these properties, however the extent of waste was originally approximated in the Site Investigation Report, based on aerial photographs and other available data, and is shown on the most recent site plan prepared by Diprete Engineering. The plan can be viewed at:

<http://www.dem.ri.gov/programs/benviron/waste/pdf/modrequest14.pdf>

Recently it has come to our attention that Map 19, Lot 89 (known as the Levesque Property) is for sale. Also we have been informed that properties on the corner of Highland, Pine and Russell Avenues that are currently undeveloped, are being developed. As stated previously, investigations have not been done on these properties so the extent and nature of fill are not known. However, investigations on the APE property have shown exceedences of both residential and industrial/commercial standards for metals, semi-volatile organic compounds and volatile organic compounds. We do not have any reason to believe landfill material on these properties is significantly different from landfill material on the APE property.

We realize that permitting of the construction of buildings and roads is clearly within the Town's jurisdictions, any activities on the landfill itself, or impacting previously deposited waste, will require advanced approval from the DEM Office of Waste Management before construction activities take place.

Although these are relatively small areas, issues of concern that need to be considered are:

- Identifying the exact extent of all filled areas.
- Proposals to address potential landfill gas migration issues including methane, sulfur dioxide and volatile organic compounds. Of special concern is the potential for vapor intrusion in buildings.
- Proposals to address landfill settlement issues in the design and maintenance of the road, utilities, and/or other structures.
- Proposals to address and mitigate odors and dust.
- Health and safety plan requirements to protect workers and residents during construction

It is our desire to make sure these issues are addressed prior to any construction activities as construction after the fact is very difficult.

If you have any questions regarding the above, of the Department's approval process, please do not hesitate to contact me at 222-4700, ext. 7112.

Sincerely,

Mark Dennen, CPG, Principal Environmental Scientist
Office of Waste Management

cc:

Laurie Grandchamp, RIDEM/OWM
Leo Hellested, RIDEM/OWM