



RHODE ISLAND  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

235 Promenade Street, Providence, RI 02908-5767

TDD 401-831-5508

11 May 1999

Mr. James Shafer, Remedial Project Manager  
US Department of the Navy, Northern Division  
Code 1823, Mail Stop #82  
10 Industrial Highway  
Lester, PA 19113-2090

RE: Final Remedial Action Work Plan  
Melville North Landfill  
Naval Station Newport  
Portsmouth, Rhode Island

Dear Mr. Shafer;

The Rhode Island Department of Environmental Management, Office of Waste Management has held a number of discussions with representatives for the Navy concerning confirmatory sampling requirements for the removal action at the Melville North Landfill. These discussion primarily centered around the sampling requirements for TPH. Per the request of the Navy these requirements are being reiterated in written form.

As stated in correspondence dated 10 March 1999 the full range of petroleum products must be tested for at this site. This will necessitate testing both the lighter and heavier petroleum fractions. As previously indicated in past correspondence, test method EPA 418.1 may be employed for the heavier petroleum products. Test method 8100 modified (SVOC range) may be substituted for 418.1. Use of method 8100 modified will necessitate running standards for the full range of petroleum products. These external standards must use the same instrument that was employed for site sample analysis. Use of standards from a different instrument or dated reference standards, standards that were run in the past, is unacceptable. Quantitation must be performed using the individual petroleum products, as opposed to quantitation against diesel only (as an illustration quantitation for no. 6 oil will be performed using no. 6 oil as opposed to diesel). Lighter weight petroleum products will undergo analysis by test method 8015 modified VOC range with methanol preservation. As stated in the Navy's submittal use of 8015 modified SVOC range will underestimate the lighter weight fraction.

In regards to the other analysis to be performed at the site, VOC samples will undergo analysis by test method 8260. Similar to VOC range TPH samples, these samples will be preserved in methanol and collected approximately six inches below the surface of the excavation. Laboratory samples for SVOC analysis will be tested for using method 8270. Laboratory metals analysis will include the full range of metals. PCB analysis may employ field test kits with confirmatory laboratory analysis. PCB analysis will be performed throughout the site. Finally, for all analysis, the location of the confirmatory samples to be collected from the base or the side walls of the excavations will be determined by field observations.

Please change the Work Plan accordingly and submit the modified pages of the plan to this Office.  
If you have any questions or require additional information please call me at (401) 222-2797 ext. 7111.

Sincerely,

A handwritten signature in cursive script that reads "Paul Kulpa".

Paul Kulpa,

cc: W. Angell, OWM DEM  
R. Gottlieb, DEM OWM  
M. Griffin, NETC

melrawp9.com