



Engineers  
Planners  
Surveyors  
Landscape Architects  
Environmental Scientists

Perryville III Corporate Park  
53 Frontage Road, Suite 120  
PO Box 4017  
Clinton, NJ 08809  
T: 908.238.0900  
F: 908.238.0901  
www.maserconsulting.com

January 13, 2015

Mr. Anthony M. Bucco, Esq.  
Murphy McKeon P.C. Counsellors-At-Law  
Riverdale South  
51 Route 23 South, P.O. Box 70  
Riverdale, New Jersey 07457

Re: Professional Environmental Consulting Services  
Fenimore Landfill Site  
Audit Sample Results TS-005, TS-006, and I-13-008  
Mountain Avenue, Roxbury Township, NJ  
MC Project No. 13000078A

Dear Mr. Bucco:

This letter is to provide you with our evaluation of the imported fill and topsoil sample audit analytical results for samples TS-005, TS-006 and I-13-008. These preliminary data were provided by Christopher Corliss of Louis Berger and are attached hereto as Master Table 1 and Master Table 2. Note that Master Table 2 is a summary of the SPLP analytical data and does not apply to the samples discussed in this letter.

Samples I-13-008 and TS-005 were collected on December 18, 2014 and sample TS-006 was collected on January 5, 2015. All samples were collected by a Louis Berger representative. The "I-13" sample designation indicates fill samples and the "TS" designation indicates manufactured topsoil. The fill sample, I-13-007, was collected on-site at the Fenimore Landfill from a load that was delivered to the site on that same date. The topsoil sample, TS-004, was also collected on-site at the Fenimore Landfill from a load that was delivered to the site on that same date.

The samples were analyzed by Accutest, a NJDEP certified analytical laboratory, for Target Compound List volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, metals, Category 2 extractable petroleum hydrocarbons (EPH), and cyanide with a contingency for synthetic precipitate leaching procedure (SPLP) in the event that there were detections. These are the same parameters used with the analyses of previous audit samples from the site.

The analytical data indicate the presence of two metals, namely, aluminum and manganese present in all three samples at concentrations greater than the NJDEP Impact to Groundwater Soil Screening Level (IGWSSL). Sample I-13-008 contained 6,750 mg/kg of aluminum and 178 mg/kg of manganese; sample TS-005 contained 7,780 mg/kg of aluminum and 262 mg/kg of



Mr. Anthony M. Bucco, Esq.  
MC Project No. 13000078A  
January 13, 2015  
Page 2 of 2

manganese; sample TS-006 contained 6,970 mg/kg of aluminum and 248 mg/kg manganese. The IGWSSL for aluminum is 6,000 mg/k and is 65 mg/kg for manganese. The detected concentrations of both of these metals are considered as naturally occurring background concentrations and are exempt from attaining the IGWSSLs. The concentrations of aluminum and manganese detected in these most recent samples are in the range of concentrations that have been detected for these metals in the previous audit samples collected during this project.

No other compounds or elements were detected at concentrations exceeding the NJDEP soil cleanup criteria or the IGWSSLs. SPLP analyses were not required for these three samples due to the lack of detections of applicable analytes.

Based on our review of these data and the applicable regulations and guidance including the NJDEP Alternative and Clean Fill Guidance for SRP Sites, we concur that these materials are acceptable for importation and use at the Fenimore Landfill.

Very truly yours,

MASER CONSULTING P.A.

A handwritten signature in black ink, appearing to read 'R. Zelle', written over a white background.

Robert L. Zelle, P.G., LSRP  
Senior Principal  
Director of Environmental Services

RLZ/WAH/dw  
Enclosures

Master Table 1 – NJDEP Fenimore Landfill, Roxbury Township, New Jersey, Preliminary Fill Audit Sampling Results (as of 1/12/15)

Master Table 2 – NJDEP Fenimore Landfill, Roxbury Township, New Jersey, Preliminary Fill Audit Sampling SPLP Results (as of 1/12/15)