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August 22, 2014

Mr. Dan Martinez  
Project Manager, Lakefront Trail Improvement  
F.H. Paschen  
5515 N. East River Road  
Chicago, IL 60656

RE: Bi-weekly Letter Report Update #8  
Lakefront Trail Improvement, Chicago, IL  
AECOM Project No. 60318016

Dear Mr. Martinez:

Pursuant to conditions specified in permits issued by the City of Chicago, radiation monitoring was required to be performed for the above referenced project. AECOM Technical Services, Inc. (AECOM) provided the required radiation surveillance. The last update was issued on August 6, 2014 and summarized the surveying of excavation work performed between July 22 and August 1, 2014. This update letter provides a summary of the radiological surveying performed between August 1 and 15, 2014. The attached figure provides a brief summary of current and past radiological survey work.

Please note that no excavation activities are currently planned or scheduled in the immediate future. Therefore, the biweekly reporting of the screening results will be temporary suspended until excavation activities that require radiological screening are resumed. Although no immediate work activities that will disturb subsurface fill soil are planned, radiological surveying will be conducted whenever activities will result in the disturbance of subsurface fill soil that has not been previously surveyed. As always, the USEPA will be notified if gamma readings indicative of radiologically contaminated fill soil are discovered during surveillance activities.

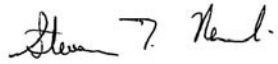
### **Traffic Light Island (Grand Avenue)**

Gamma radiation count measurements were made using Ludlum Model 2221 survey meter and an unshielded 2 x 2 inch NaI probe (Model 44-10). The U. S. Environmental Protection Agency (USEPA) cleanup value for Chicago's Streeterville area is 7.1 picocuries per gram (pCi/g) total radium (Ra-226 + Ra-228). The field instrument (Serial #172039) gamma count equivalent to 7.1 pCi/g was 19,598 counts per minute (cpm) unshielded.

On August 8, 2014, excavation of traffic light island in Grand Avenue was completed for the installation of a pier was completed. The concrete island was broken up and removed and the soil beneath was excavated to an approximate depth of 5 feet. During the excavation AECOM screened the excavated soil. For the instrument used, the gamma count threshold equivalent to the USEPA cleanup value of 7.1 pCi/g is 19,958 (cpm) unshielded. The field gamma background for the area is approximately 5,000 cpm unshielded. The field gamma measurements within the excavation and for the spoil materials generated during the excavation process did not exceed the instrument threshold previously stated. A range of gamma readings between 3,300 and 7,500 cpm unshielded were recorded during the excavation. Thus, there was no indication of the presence of radiologically-contaminated material and/or an exceedance of the USEPA cleanup value of 7.1 pCi/g total radium.

Please contact us with any questions you have regarding this letter or the reported results.

Regards,



Steve T. Newlin  
Senior Project Geologist

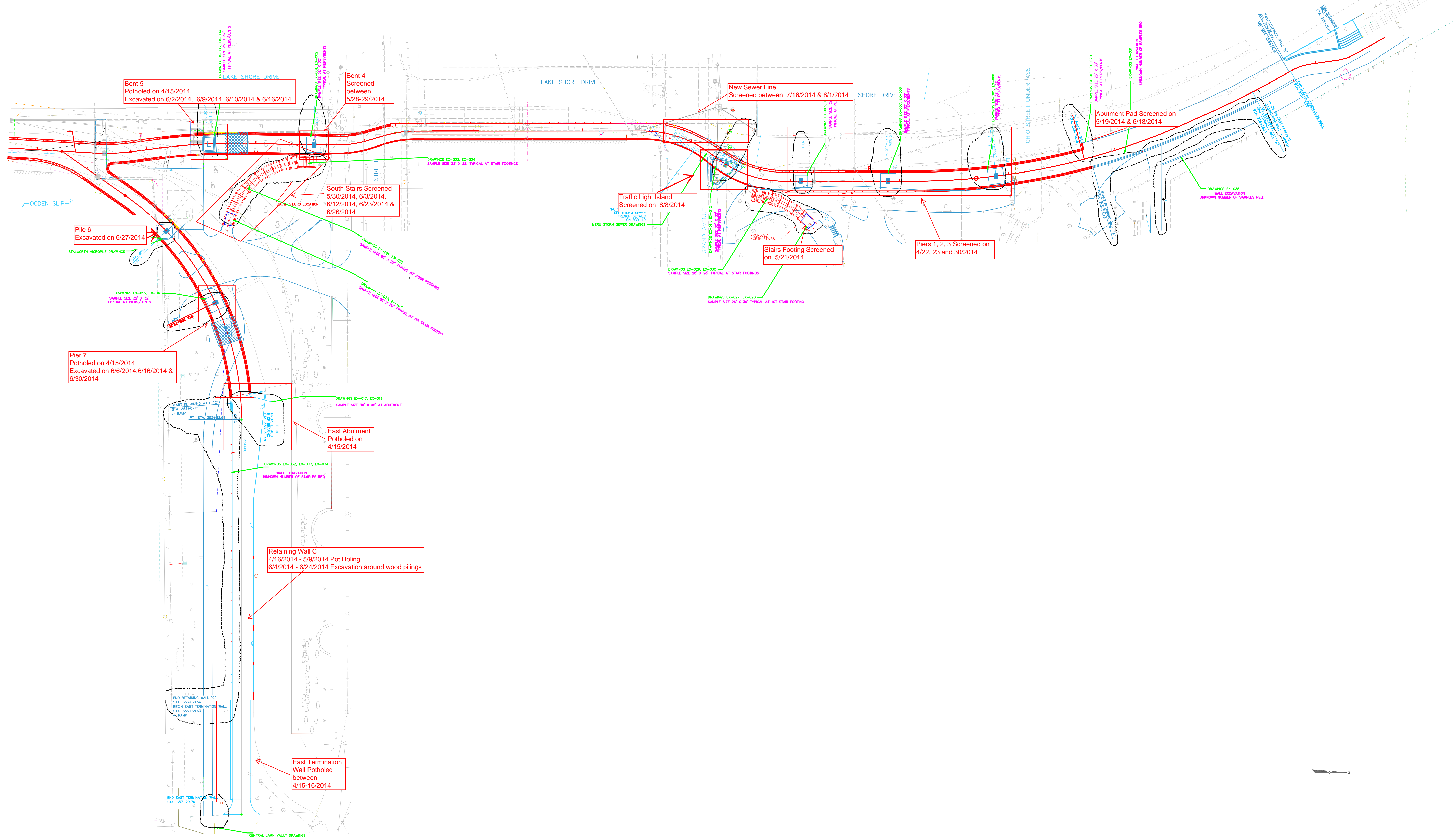


Steven C. Kornder, Ph.D.  
Senior Project Geoscientist

cc: Chris Tryka, F.H. Paschen

Attachments: Location Map  
ROW Sewer Sketch

## LOCATION MAP



LAKEFRONT TRAIL IMPROVEMENT  
FROM JANE ADDAMS PARK  
TO OGDEN SLIP

OVERALL PROJECT PLAN  
AECOM EXCAVATION PITS

REVISIONS			
NO.	BY	DATE	DESCRIPTION

	<b>F.H. PASCHEN, S.N. NIELSEN &amp; ASSOCIATES LLC</b> GENERAL CONTRACTORS	
	DATE: 11/11/2013	SCALE: N.T.S.
DRAWING: G-001		