

Memo



To: Mr. Ronnie Lee
From: Kevin McCarty
c: Stacey Ng (GEI)
Date: December 13, 2019
Re: Parcel D (BCP #C203100) RIWP Design Task
Bronx, NY
GEI Project No. 1705341

This memorandum presents an additional final design effort that GEI will perform on Site D. The RAWP includes the installation of steel sheeting around the entire perimeter of the Site that will undergo ISS (Figure 3 in the Decision Document shows the perimeter of the sheeting). The sheeting will be installed to the glacial till and this surface is known to change depth over the Site. The sheeting lengths will require this depth to glacial till in order to properly cut sheeting prior to delivering to the Site and this includes the additional 10 ft of sheeting that will extend above current grade. The additional 10 ft will accommodate the anticipated expansion of Site material during the ISS as well as the 4 ft of capping material required over the ISS monolith.

GEI will prelocate borings along the alignment at 100 ft intervals and mark these locations. Borings will then be installed using either hollow stem auger or geoprobe equipment to maximize recovery. All borings will be continuously sampled and boring logs prepared. The boring data will be immediately provided to the Construction Manager and remedial contractor to allow sheeting lengths to be calculated and ordered. The sheeting has a 6 week lead time and therefore this task will allow the process to begin. We do not anticipate sheeting delivery until late January or early February based on a completion of December 19 for the borings.

All borings will extend through the clay interval and will therefore be fully grouted up to the surface. Air monitoring will be performed both at the borehole as well as using the full three station CAMP monitoring system that GEI has mobilized to the Site.