

## MONTHLY PROGRESS UPDATE #5 MANISTEE, MI FORMER MGP SITE



### **Work completed between 11/01/2018 and 11/30/2018 included the following:**

- Continued bucket mixing In-Situ Solidification (ISS) (See photo #1)
- Performed inspections of the installed sedimentation controls, in accordance with the Soil Erosion and Sedimentation Control permit.
- Conducted construction and perimeter air monitoring.
- Continued transporting and stockpiling overburden soil to the staging area. Native soils were removed with archaeological oversight. (See photo #2)
- Transported and disposed of unsuitable soil and debris offsite to the project landfill.
- Began ISS via high pressure jet grouting beneath underground utilities. (See photo #3)

### **Upcoming work includes the following:**

- Continue inspections of the installed sedimentation controls.
- Continue construction and perimeter air monitoring.
- Continue excavating and staging overburden material for sampling and potential reuse.
- Perform additional stockpile sampling.
- Continue bucket mixing ISS.
- Complete jet grouting activities.
- Begin restoration and winterization activities.

**Associated pictures:**

Photo No. 1:  
Bucket mixing ISS  
(photo taken facing northwest)



**Associated pictures:**

Photo No. 2:  
Loading overburden material for transportation and stockpiling.  
(photo taken facing north)





**Associated pictures:**

Photo No. 3:  
ISS via jet grouting  
(photo taken facing east)

