

Week ending 10/3/15:

Mashapaug Inner Cove

- ▶ Charter continued the placement of 10% organic soil into the Inner Cove to finish grade. Charter shooting finished grades to confirm minimum 1-foot cover and for use in as-built plans.
- ▶ Charter is conducting additional analyses on the 10% material to increase the approved quantity meeting RDEC to 3500 cy to complete the Inner Cove backfill work. Look to begin soil deliveries 10/13/15 following approval.
- ▶ Steady rain from Wednesday 9/30 to Saturday 10/3. No work was completed in the sediment capping area during these days. Sumps were used to manage water within the cove.
- ▶ Construction dewatering continued pumping the water from the Inner Cove sumps to the frac tank and up the hill to the infiltration gallery.
- ▶ Charter has removed approximately 4,300 cubic yards (cy) sediment to date from the Inner Cove.
- ▶ Completed the sediment removal from the Inner Cove 10/3 pending the removal of the temporary timber mat access roads (approximately 1000 cy sediment) being used for backfilling the bottom of the Inner Cove.
- ▶ Charter is working to backfill the eastern side of the Inner Cove with the approved 10% organic soil placement.
- ▶ Sediment is currently stockpiled in the former Carriage House Area and has recently been temporarily stockpiled in the northeast corner of the Phase III Area after it is dried. This will be consolidated pending mixing and placing/compacting in lifts within the former Carriage House Area.

Phase III Area

- ▶ Erosion noted next to the former Carriage House Area. Gravel and hay bales were used to improve BMPs and slow surface water runoff offsite. No sediment was washed off site into the NBC easement or the Amtrak ROW.
- ▶ A sediment test strip was completed on the eastern most end of the Former Carriage House Area for compaction testing. Test results did not pass necessary compaction standards. Charter will provide an update during next progress call (10/7) with a plan to accomplish compaction w/in proposed schedule (use existing site soil and/or drying additive).

Parcel C

- ▶ Charter continued grading and compacting the common borrow layer over the marker fabric.
- ▶ Charter continued to place and grade the 6" loam over the common borrow to finish grade.
- ▶ The NE and NW drainage features and back side slopes are complete with grading into the existing Phase I cap.
- ▶ Due to less subgrade material being available following compaction the northern end of Parcel C near the drainage features will be one foot below design grade. The site grading was revised to maintain a slope of 3:1 from the upland into the already finished NE and NW drainage features. A 1-foot soil cap over the subgrade and fabric has been completed in this area.
- ▶ Heavy rain Wednesday 9/30 caused washout of the northern end of Parcel C and filled the drainage features per design grade. Charter spent 10/1 through 10/3 to clean out the drainage features, import more loam and refinish to final grade in preparation for hydroseeding.
- ▶ Seeding now scheduled for Monday 10/5/15.
- ▶ Once the site has been graded and seeded, Charter will remove the construction exit stone and complete the subgrade, marker fabric and one foot soil cover for hydroseeding.

Notes:

- Four (4) Perimeter Air Monitoring Stations were set up in “B” positions depicted on the Fixed Perimeter Air Monitoring Locations Map.
 - ▶ Time Weighted Average (TWA) results and hand held monitoring near work areas all below 0.15 mg/m³ limit.
 - ▶ Meters B-1, B-2 and B-4 had no exceedances 9/28-9/29, while B-3 (Amtrak gate) exceeded twice for durations of 1 to 2 minutes each. This was due to delivery of imported clean soil and truck movement. The water truck was sent to address the soils around the Amtrak gate.
 - ▶ No air readings recorded Wednesday 9/30 – Saturday 10/3 due to rain and wet soil conditions
- ▶ Arrow Security continues w/ overnight security- no issues documented
- ▶ Monitored daily truck traffic during drop off/dismissal of High School students.

Activities scheduled for the upcoming week (10/5/15 – 10/9/15) will include:

- ▶ Perimeter Air Monitoring (Location B).
- ▶ Continue to transfer water to infiltration gallery.
- ▶ 10% organic soil placement in the Inner Cove pending approval of additional analytical data
- ▶ 20% organic soil analytical expected from Charter Wednesday 10/5 for review for placement in the Inner Cove and within the wetland restoration area.
- ▶ Second attempt of Test Strip for sediment capping area following review of revised Charter approach.
- ▶ Finish grading and hydroseeding of Parcel C.

Document: P:\old - Wakefield - Data\projects\TEXTORNGORHAM\GIS\MapDocuments\RAWP - Phase III\SitePlan.mxd PDF: P:\BOS\Texton\365214\0032 - Texton Gorham Remediation\8.0 Proj Deliverables\8.2 Work Plans\Figure 2 - Site Plan.pdf



A1, B1, C1

Perimeter Air Monitoring Locations Sequenced with the Construction Work

Legend

- Approximate Parcel Boundary
- Former Slag Area

Note: 2011 Ortho photo obtained from Rhode Island Geographic Information System (RIGIS)

Prepared/Date: ~~OUT A 03 15~~

Checked/Date: DEH 6/25/15

Former Gorham Manufacturing Site
333 Adelaide Avenue
Providence, RI



Perimeter Air Monitoring Locations

Project 3652-14-0032

Figure F