

BoRit Asbestos NPL Site Hurricane Irene Situation Report – August 28, 2011

GENERAL UPDATE

At 0903 today the OSC got a call from the Whitpain Township manager to report some damage at the site. The OSC responded and was on-site by 1000. Overall, conditions at the site were OK. Tomorrow Monday, additional assessments will be conducted. According to the rain gauge, the site received at least 5 inches of rain.

It seems like the Wissahickon Creek spilled over to the basketball courts by Mount Pleasant Avenue and to Maple Alley by the north gate at the park. Rose Valley also spilled over to the adjacent roadways. For the second time since the Removal Action began, the south gate at the park (by the Rose Valley sluiceway) was knocked down by the force of the water coming from Maple Avenue.

See pictures below (taken today from 1000 to 1130) showing the different areas.

UPDATE BY AREAS

Phase I (Wissahickon Creek adjacent to the park)

Although the water was about 4 to 5 feet over the riprap line and the vegetation on the lower part of the slope was down due to the flow, the slope itself seems to be intact. No erosion problems were noted.

Phase II (Rose Valley Creek and adjacent floodplain)

As mentioned above, the south gate (and a section of the fence) by Rose Valley Creek will have to be replaced. The stream banks looked OK, no erosion problems noted.

Phase III (Reservoir berm parallel to the Wissahickon Creek)

The access road (“boardwalk”) was under water; therefore, some of the gravel was washed away.

Phase IV (Tannery Run)

The water does not seem to have reached (flow down) the emergency spillway. Everything seems to be OK.

Phase V (Wissahickon Creek adjacent to the pile property)

The water got as high as 3 to 4 feet over the riprap line. The area with the ArmorMax (green mat) seems to be intact; however, along the geocell area that had been recently infilled, some of the topsoil washed out.

Pile

There was a mudslide along the pile slope by Tannery Run. That area was already vegetated; however, it was going to be graded to obtain a better slope.



South gate (at the park) by Rose Valley Creek



Confluence of Rose Valley and Wissahickon Creeks



Geocells – Phase V Slope



ArmorMax – Phase V Slope



“Boardwalk” – by Phase III Slope



Pile Slope by Tannery Run



Phase I Slope



Confluence of Tannery Run and the Wissahickon Creek & view of the Phase V Slope