Lower Passaic River – Groundwater Monitoring Field Event

Location: River Mile 10.9 at Riverside County Park, Lyndhurst

Date: April 8 – 11, 2013

Purpose of the Work

A field team will be working on the Lower Passaic River adjacent to Riverside County Park in Lyndhurst to monitor groundwater movement through the river bed. The data that will be collected are necessary to finalize the plans for the River Mile 10.9 Removal Action being conducted by the Lower Passaic River Study Area Cooperating Parties Group under U.S. Environmental Protection Agency oversight scheduled for this summer.

The purpose of this notification is to inform river users and the Lyndhurst Fire Department's water rescue team of the locations of the equipment and request that they avoid rowing or boating near them. Figure 1 attached hereto identifies the monitoring locations.

Field Activity Details – What to Expect

Monday, April 8

- The field team will be on the river from approximately 8 AM to noon to install four groundwater seepage measuring devices on the river bottom.
- The measuring devices will be deployed by divers and will be placed such that they will be completely submerged.
- Each of the four measuring devices will have a strobe lit buoy to identify its location (Figure 2).

Tuesday – Wednesday, April 9-10

- The groundwater seepage measuring devices will remain in the water to collect data.
- Several short duration trips to the measuring devices to check the status.

Thursday –April 11

- The field team will be on the river at approximately 8 AM to retrieve the measuring devices from the river.
- Field investigation should be complete by noon.

Additional information on the Lower Passaic River Restoration Project can be found at: http://www.ourpassaic.org and http://www.lowerpr.com.

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0 50 100 200 300 Feet

Notes:
1. Orthophoto: NJGIS, 2007
2. The Extent of Potentially Exposed Surface Sediment was generated from the -2ft (NGVD29) elevation, which represents the Mean Low Water for this part of the river. The data source was the July 2011 Bathymetry Survey conducted as part of the RM 10.9 Characterization Program (CH2M HILL & AECOM, 2012).

FIGURE 1
Monitoring Locations
Lower Passaic River Study Area, New Jersey

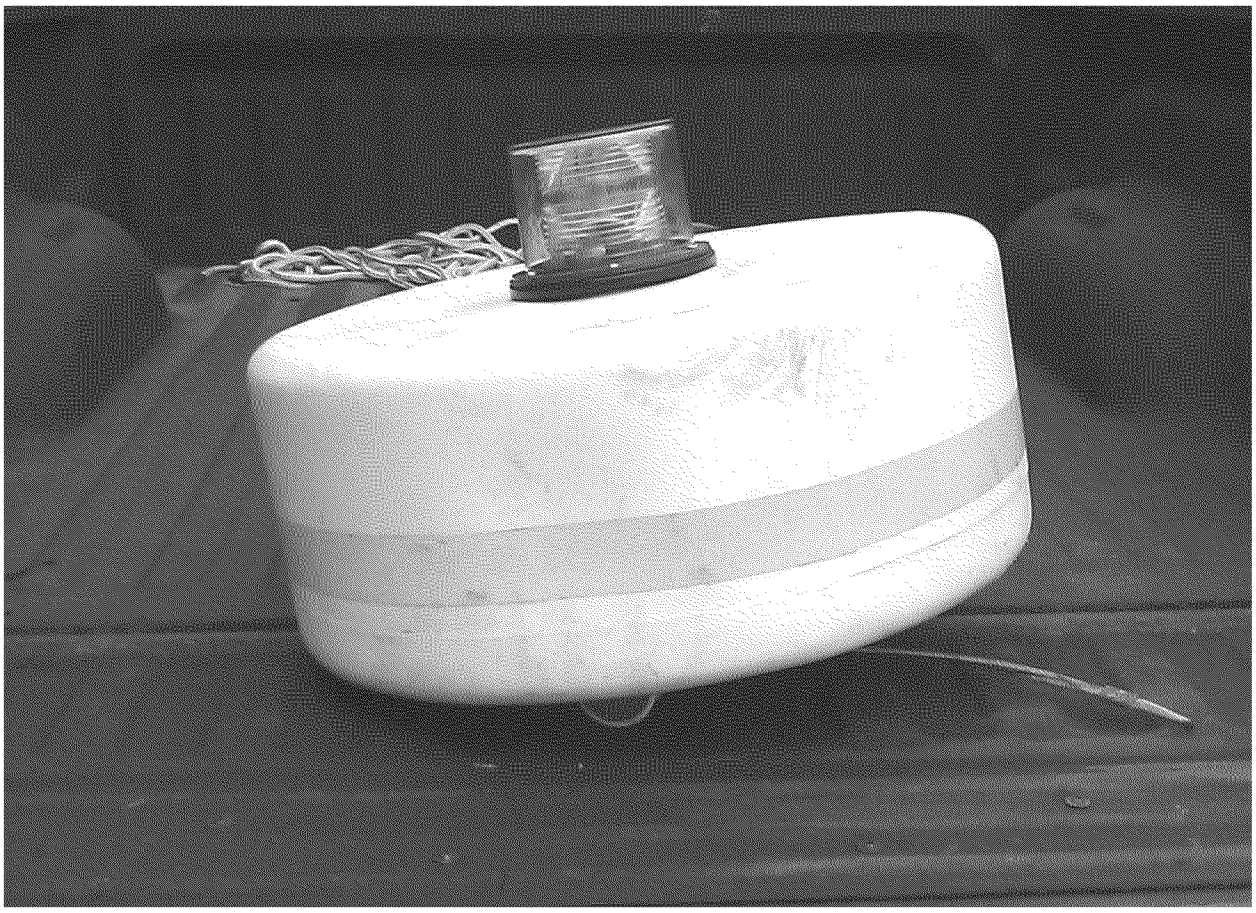

Figure 2. Strobe lit buoy that will be used to mark the four monitoring locations.