

Remedial Investigation/Feasibility Study (RI/FS) Project - Field Investigation Activities Schedule
Pepco Benning Road Facility
April 03, 2014

Weeks	Duration	Planned Field Investigation Activities⁽¹⁾
CY 2013		
Week #1	Jan 28 – Feb 01	Landside: Utility marking, asphalt/concrete coring (Completed)
	Jan 28 – Feb 01	Waterside: Reconnaissance (Completed)
Week #2	Feb 04 – Feb 08	Landside: Civil surveys, benchmark setup, surface soil sampling (Completed)
	Feb 04 – Feb 08	Waterside: Tide board setup (Completed)
Week #3	Feb 11 – Feb 15	Landside: Electrical Resistivity Imaging (ERI) (Completed)
	Feb 11 – Feb 15	Waterside: Identify utility crossings, side scan sonar, and hydrographic survey (Completed)
Week #4	Feb 18 – Feb 22	Landside: Preparatory work for soil borings (Completed)
	Feb 18 – Feb 22	Waterside: Surface water/Sediment sampling ^(2,5)
Week #5	Feb 25 – Mar 01	Landside: Review ERI data to determine boring locations (Completed)
	Feb 25 – Mar 01	Waterside: Surface water/Sediment sampling ^(2,5)
Week #6	Mar 04 – Mar 08	Landside: Review ERI data to determine boring locations (Completed)
	Mar 04 – Mar 08	Waterside: Surface water/Sediment sampling ^(2,5)
Week #7	Mar 11 – Mar 15	Landside: Geotechnical soil borings ⁽³⁾ ; ERI confirmation soil borings (Completed)
	Mar 11 – Mar 15	Waterside: Surface water/Sediment sampling ^(2,5)
Week #8	Mar 18 – Mar 22	Landside: Geotechnical soil borings ⁽³⁾ ; ERI confirmation soil borings (Completed)
	Mar 18 – Mar 22	Waterside: Surface water/Sediment sampling ^(2,5)
Week #9	Mar 25 – Mar 29	Landside: Geotechnical soil borings ⁽³⁾ ; ERI confirmation soil borings (Completed)
	Mar 25 – Mar 29	Waterside: Surface water/Sediment sampling ^(2,5)

Remedial Investigation/Feasibility Study (RI/FS) Project - Field Investigation Activities Schedule

Pepco Benning Road Facility

April 03, 2014

Week #10	Apr 01 – Apr 05	Landside: ERI confirmation soil borings (Completed)
	Apr 01 – Apr 05	Waterside: Surface water/Sediment sampling ^(2,5)
Week #11	Apr 08 – Apr 12	Landside: Laboratory analysis of ERI confirmation samples (Completed), Storm drain sampling ⁽⁴⁾
	Apr 08 – Apr 12	Waterside: Surface water/Sediment sampling ^(2,5)
Week #12	Apr 15 – Apr 19	Landside: Laboratory analysis of ERI confirmation samples (Completed), Storm drain sampling ⁽⁴⁾
	Apr 15 – Apr 19	Waterside: Surface water/Sediment sampling ^(2,5)
Week #13	Apr 22 – Apr 26	Landside: Laboratory analysis of ERI confirmation samples (Completed), Storm drain sampling ⁽⁴⁾ (Sample locations identified in the field)
	Apr 22 – Apr 26	Waterside: Surface water/Sediment sampling ^(2,5)
Week #14	Apr 29 – May 03	Landside: Analysis of ERI and analytical data for Direct Push Technology (DPT) locations (Completed)
	Apr 29 – May 03	Waterside: Surface water/Sediment sampling ^(2,5)
Week #15	May 06 – May 10	Landside: Utility marking for DPT Investigation (Completed)
	May 06 – May 10	Waterside: Surface water/Sediment sampling ^(2,5)
Week #16	May 13 – May 17	Landside: DPT Investigation (Completed)
	May 13 – May 17	Waterside: Surface water/Sediment sampling ^(2,5)
Week #17	May 20 – May 24	Landside: DPT Investigation (Completed)
	May 20 – May 24	Waterside: Surface water/Sediment sampling ^(2,5)
Week #18	May 27 – May 31	Landside: DPT Investigation (Completed)
	May 27 – May 31	Waterside: Surface water/Sediment sampling ^(2,5)
Week #19	Jun 03 – Jun 07	Landside: DPT Investigation (Completed)
	Jun 03 – Jun 07	Waterside: Surface water/Sediment sampling ^(2,5)
Week #20	Jun 10 – Jun 14	Landside: DPT Investigation (Completed)
	Jun 10 – Jun 14	Waterside: Surface water/Sediment sampling ^(2,5)

Remedial Investigation/Feasibility Study (RI/FS) Project - Field Investigation Activities Schedule

Pepco Benning Road Facility

April 03, 2014

Week #21	Jun 17 – Jun 21	Landside: Storm Drain sampling ⁽⁴⁾
	Jun 17 – Jun 21	Waterside: Surface water/Sediment sampling ^(2,5)
Week #22	Jun 24 – Jun 28	Landside: Storm Drain sampling ⁽⁴⁾
	Jun 24 – Jun 28	Waterside: Surface water/Sediment sampling ^(2,5)
Week #23	Jul 01 – Jul 05	Landside: Storm Drain sampling ⁽⁴⁾
	Jul 01 – Jul 05	Waterside: Surface water/Sediment sampling ^(2,5)
Week #24	Jul 08 – Jul 12	Landside: Storm Drain sampling ⁽⁴⁾
	Jul 08 – Jul 12	Waterside: Surface water/Sediment sampling ^(2,5)
Week #25	Jul 15 – Jul 19	Landside: Storm Drain sampling ⁽⁴⁾
	Jul 15 – Jul 19	Waterside: Surface water/Sediment sampling ^(2,5)
Week #26	Jul 22 – Jul 26	Landside: Storm Drain sampling ⁽⁴⁾
	Jul 22 – Jul 26	Waterside: Surface water/Sediment sampling ^(2,5)
Week #27	Jul 29 – Aug 02	Landside: Storm Drain sampling ⁽⁴⁾
	Jul 29 – Aug 02	Waterside: Surface water/Sediment sampling ^(2,5)
Week #28	Aug 05 – Aug 09	Landside: Storm Drain sampling ⁽⁴⁾
	Aug 05 – Aug 09	Waterside: Surface water/Sediment sampling ^(2,5)
Week #29	Aug 12 – Aug 16	Landside: Storm Drain sampling ⁽⁴⁾
	Aug 12 – Aug 16	Waterside: Surface water/Sediment sampling ^(2,5)
Week #30	Aug 19 – Aug 23	Landside: Storm Drain sampling ⁽⁴⁾
	Aug 19 – Aug 23	Waterside: Surface water/Sediment sampling ^(2,5)
Week #31	Aug 26 – Aug 30	Landside: Storm Drain sampling ⁽⁴⁾
	Aug 26 – Aug 30	Waterside: Surface water/Sediment sampling ^(2,5)
Week #32	Sep 02 – Sep 06	Landside: Storm Drain sampling ⁽⁴⁾
	Aug 02 – Sep 06	Waterside: Final NPS Permit Anticipated
Week #33	Sep 09 – Sep 13	Landside: Storm Drain sampling ⁽⁴⁾
	Sep 09 – Sep 13	Waterside: Final NPS Permit Anticipated (Permit Received) Preparation and Notifications (Completed)

**Remedial Investigation/Feasibility Study (RI/FS) Project - Field Investigation Activities Schedule
Pepco Benning Road Facility
April 03, 2014**

Week #34	Sep 16 – Sep 20	Landside: Storm Drain sampling ⁽⁴⁾
	Sep 16 – Sep 20	Waterside: Baseline Turbidity Monitoring (Completed)
Week #35	Sep 23 – Sep 27	Landside: Storm Drain sampling ⁽⁴⁾
	Sep 23 – Sep 27	Waterside: Surface Water Sampling (95% Completed)
Week #36	Sep 30 – Oct 04	Landside: Storm Drain sampling ⁽⁴⁾
	Sep 30 – Oct 04	Waterside: Begin Sediment Sampling (On hold ⁽⁶⁾)
Week #37	Oct 07 – Oct 11	Landside: Storm Drain sampling ⁽⁴⁾ (Completed)
	Oct 07 – Oct 11	Waterside: Sediment Sampling ^(5,6) (On hold ⁽⁶⁾)
Week #38	Oct 14 – Oct 18	Landside: Planned Phase I and Phase II activities completed. Phase III Work Plan Addendum submitted to DDOE.
	Oct 14 – Oct 18	Waterside: Sediment Sampling ^(5,6) (NPS Permit Reactivated)
Week #39	Oct 21 – Oct 25	Landside: Planned Phase I and Phase II activities completed Phase III Monitoring Well Activities ⁽⁷⁾
	Oct 21 – Oct 25	Waterside: Preparation and Notifications (Completed)
Week #40	Oct 28 – Nov 01	Landside: Planned Phase I and Phase II activities completed Phase III Monitoring Well Activities ⁽⁷⁾
	Oct 28 – Nov 01	Waterside: Preparation and Notifications (Completed)
Week #41	Nov 04 – Nov 08	Landside: Planned Phase I and Phase II activities completed Phase III Monitoring Well Activities ⁽⁷⁾
	Nov 04 – Nov 08	Waterside: Sediment Sampling ⁽⁵⁾ (Began Sampling)
Week #42	Nov 11 – Nov 15	Landside: Planned Phase I and Phase II activities completed Phase III Monitoring Well Activities ⁽⁷⁾
	Nov 11 – Nov 15	Waterside: Sediment Sampling ⁽⁵⁾ (In progress)
Week #43	Nov 18 – Nov 22	Landside: Planned Phase I and Phase II activities completed Phase III Monitoring Well Activities ⁽⁷⁾
	Nov 18 – Nov 22	Waterside: Sediment Sampling ⁽⁵⁾ (Sampling suspended due to cold weather)

Remedial Investigation/Feasibility Study (RI/FS) Project - Field Investigation Activities Schedule

Pepco Benning Road Facility

April 03, 2014

Week #44	Nov 25 – Nov 29	Landside: Planned Phase I and Phase II activities completed Phase III Monitoring Well Activities ⁽⁷⁾
	Nov 25 – Nov 29	Waterside: Sediment Sampling ⁽⁵⁾ (Completed)
Week #45	Dec 02 – Dec 06	Landside: Planned Phase I and Phase II activities completed Phase III Monitoring Well Activities ⁽⁷⁾
	Dec 02 – Dec 06	Waterside: Sediment Sampling ⁽⁵⁾ (95% Completed)
Week #46	Dec 09 – Dec 13	Landside: Planned Phase I and Phase II activities completed Phase III Monitoring Well Activities ⁽⁷⁾
	Dec 09 – Dec 13	Waterside: Sediment Sampling ^{(5) (8)}
Week #47	Dec 16 – Dec 20	Landside: Planned Phase I and Phase II activities completed Phase III Monitoring Well Activities ⁽⁷⁾
	Dec 16 – Dec 20	Waterside: Sediment Sampling ^{(5) (8)}
Week #48	Dec 23 – Dec 27	Landside: Planned Phase I and Phase II activities completed Phase III Monitoring Well Activities ⁽⁷⁾
	Dec 23 – Dec 27	Waterside: Sediment Sampling ^{(5) (8)}
CY 2014		
Week #49	Dec 30 – Jan 03	Landside: Planned Phase I and Phase II activities completed Phase III Monitoring Well Activities ⁽⁷⁾
	Dec 30 – Jan 03,	Waterside: Sediment Sampling ^{(5) (8)}
Week #50	Jan 06 – Jan 10	Landside: Planned Phase I and Phase II activities completed Phase III Monitoring Well Activities ⁽⁷⁾
	Jan 06 – Jan 10	Waterside: Sediment Sampling ^{(5) (8)}
Week #51	Jan 12 – Jan 17	Landside: Planned Phase I and Phase II activities completed Phase III Monitoring Well Activities ⁽⁷⁾
	Jan 12 – Jan 17	Waterside: Sediment Sampling ^{(5) (8)}
Week #52	Jan 20 – Jan 24	Landside: Planned Phase I and Phase II activities completed Phase III Monitoring Well Activities ⁽⁷⁾
	Jan 20 – Jan 24	Waterside: Sediment Sampling ^{(5) (8)}

Remedial Investigation/Feasibility Study (RI/FS) Project - Field Investigation Activities Schedule
Pepco Benning Road Facility
April 03, 2014

Week #53	Jan 27 – Jan 31	Landside: Planned Phase I and Phase II activities completed Phase III Monitoring Well Activities ⁽⁷⁾
	Jan 27 – Jan 31	Waterside: Sediment Sampling ^{(5) (8)} (Sampling Completed)
Week #54	Feb 03 – Feb 07	Landside: Phase III Monitoring Well Activities ⁽⁷⁾
Week #55	Feb 10 – Feb 14	Landside: Phase III Monitoring Well Activities ⁽⁷⁾
Week #56	Feb 17 – Feb 21	Landside: Phase III Monitoring Well Activities ⁽⁷⁾
Week #57	Feb 24 – Feb 28	Landside: Phase III Monitoring Well Activities ⁽⁷⁾
Week #58	Mar 03 – Mar 07	Landside: Phase III Monitoring Well Activities ⁽⁷⁾
Week #59	Mar 10 – Mar 14	Landside: Phase III Monitoring Well Activities ⁽⁷⁾
Week #60	Mar 17 – Mar 21	Landside: Phase III Monitoring Well Activities ⁽⁷⁾
Week #61	Mar 24 – Mar 28	Landside: Phase III Monitoring Well Activities (Work Plan Addendum Approved)
Week #62	Mar 31 – April 04	Landside: Phase III Monitoring Well Activities (Mobilization)
Week #63	Apr 07 – Apr 11	Landside: Phase III Monitoring Well Activities (Mobilization)
Week #64	Apr 14 – Apr 18	Landside: Phase III Monitoring Well Activities (Begin Phase III Field Activities)
Week #65	Apr 21 – April 25	Landside: Phase III Monitoring Well Activities (Continue Phase III Field Activities)
Week #66	Apr 28 – May 02	Landside: Phase III Monitoring Well Activities (Continue Phase III Field Activities)

Notes:

- (1) Activities planned are tentative and are subject to change due to inclement weather, permit approvals, and subcontractor availability.
- (2) Waterside investigation is pending receipt of a final permit from the National Park Service (NPS), Capital Region.
- (3) One landside soil boring (located on the NPS property) is pending receipt of a permit from the National Capital Parks - East (NCPE).
- (4) Storm drain sampling is dependent on qualifying storm events (i.e., 0.1 inch rainfall).
- (5) Certain waterside activities are dependent on the Anacostia River tidal-cycle in order to have boat access.
- (6) Waterside activities are on hold as the NPS permit was suspended due to the Federal Government shutdown. Sampling will resume upon re-authorization by the NPS.

Remedial Investigation/Feasibility Study (RI/FS) Project - Field Investigation Activities Schedule

Pepco Benning Road Facility

April 03, 2014

- (7) Monitoring well installation and sampling activities are pending DDOE's approval of the Work Plan Addendum.
- (8) Sediment sampling is nearly complete. There are a few locations in shallow waters, which are not accessible by boat and could not be sampled by hand auguring. Additional field techniques are being evaluated to determine the feasibility of sampling at these locations.