Table 1
Summary of Proposed Site Characterization Activities
AOI 3 Work Plan
PES Facility
Philadelphia, Pennsylvania

Location ID	Existing	Proposed	Estimated Completion Depth for Proposed Monitoring Wells and Soil Borings[1]	Media	Collection of Surface Soil Sample (0-2 ft bgs) Site For COCs[2]	Collection of Soil Sample from Soil/GW Interface For Site COCs[3]	Collection of Groundwater Sample for Site COCs[4]	Objective of Proposed Activity
AOI 3_BH-14-1		X	>2'	Soil	X	X	No	Investigate open incident from Tank 835 biased towards vent stack
AOI 3_BH-14-2		X	>2'	Soil	X	X	No	Investigate open incident from Tank 835 biased towards vent stack
AOI 3_BH-14-3		X	>2'	Soil	X	X	No	Investigate open incident from Tank 835 biased towards vent stack
AOI 3_BH-14-4		X	>2'	Soil	X	X	No	Investigate open incident from Tank 833
AOI 3_BH-14-5		X	>2'	Soil	X	X	No	Investigate open incident from Tank 833
AOI 3_BH-14-6		X	>2'	Soil	X	X	No	Investigate open incident from Tank 833
AOI 3_BH-14-7		X	>2'	Soil	X	X	No	Investigate open incident from Tank 833
AOI 3_BH-14-8		X	>2'	Soil	X		No	Delineate lead exceedance in BH-10-02_1-2 shallow soil sample
AOI3_BH-14-9		X	<2'	Soil	X		No	Delineate lead exceedance in BH-10-02_1-2 shallow soil sample
AOI3_BH-14-10		X	<2'	Soil	X		No	Delineate lead exceedance in BH-10-02_1-2 shallow soil sample
S-407		X	approx. 25'	Soil/GW	X	X	Yes	Investigate groundwater downgradient from Tank 833 and plume delineation
S-408		X	approx. 25'	Soil/GW	X	X	Yes	Fate and Transport Calibration Well
S-409		X	approx. 25'	Soil/GW	X	X	Yes	Fate and Transport Calibration Well
S-410		X	approx. 25'	Soil/GW	X	X	Yes	Fate and Transport Calibration Well
S-411		X	approx. 25'	Soil/GW	X	X	Yes	Fate and Transport Calibration Well
S-412		X	approx. 25'	Soil/GW	X	X	Yes	Fate and Transport Calibration Well
S-413		X	approx. 25'	Soil/GW	X	X	Yes	S-112 Replacement Well, Investigate groundwater downgradient from Tank 835 and Plume Delineation
S-382	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-383	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-384	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-385	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-386	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-387	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
BF-101	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
BF-100	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
BF-103R	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
BF-104	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
BF-105	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
BF-106	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
BF-107	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
BF-88	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
BF-90	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
BF-99	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
RW-2	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data (Well historically contained LNAPL)
S-1	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-10	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-11	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-113	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data (Well historically contained LNAPL)
S-12	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-14	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-15	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-16	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-17	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-18	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-19	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-2	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-20	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-21	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-23	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-24	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-25	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-3	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-5	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data (Well historically contained LNAPL)
S-59	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data (Well historically contained LNAPL)
S-60	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data (Well historically contained LNAPL)
S-66	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-68	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-69	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-7	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-9	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-280	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-281	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-283	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-284	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-285	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data (Well historically contained LNAPL)
S-288	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-290	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data
S-291	X		NA	GW			Yes	Gauging and sampling of monitoring well to obtain up to date data

1. Final depth of well and screen placement to be determined by geologist based on field observation while completing the boring.
2. 0-2' soil samples will be collected from where impervious surfaces are not present.
3. Soil sample to be collected from immediately above the soil/water interface. Sample collection to be determined in the field.
4. Analysis of COCs listed in Table 1 of Current Conditions Report.

ft bgs = feet below ground surface
COCs = Constituents of Concern
LNAPL = Light Non-Aqueous Phase Liquid