

Appendix B

Tables

This page intentionally left blank.

Appendix B1

Report Tables

This page intentionally left blank.

**Table 2-1
Summary of Areas of Concern and Phase I Field Investigation
Camp Hero Remedial Investigation
Montauk, New York**

AOC ID	AOC Name for Phase I Field Investigation	Reason for Concern Based on Records Review	Potential Impact	Number of Geoprobe Borings	Phase I Sample Quantities						Phase I Sample Analyses	Additional Activities and Notes
					SB	SS	GW	CC	WP	LC		
Areas of Concern												
B113	Battery 113	Oil Staining	PCBs					1	1		CC, WP: PCBs	Survey to identify transformers. Portions of a former transformer present.
		Tanks, Drums, Pits	Hazardous Materials							2	LC01 (from existing AST): Fuel Characterization, LC02 (from open pits with water): TCLP VOC, SVOC, PCBs, metals	Survey to identify the use of tanks and waste drums. Two sub-slab pits with standing water were observed. Two diesel ASTs (identified as 150-gallon Tanks 3 and 4 in site records) were present containing fuel. No drums present.
203	Former Building 203	Possible Solvent(s) and Residual Petroleum	Solvent(s), Petroleum	5	9		5				Soil and GW: VOC, SVOC, PCBs, Metals	Piezometers installed. LNAPL was observed in piezometer PZ-3. A petroleum release report was made to the NYSDEC hotline; assigned Pollution Complaint Number PC-1602757.
2010	Building 2010 (UST 30)	Lead in former UST Excavation	Lead	2	8		1				Soil and GW: Lead	GW not encountered in 1 of 2 borings
F100C	Building F100C (UST 34)	Lead in former UST Excavation	Lead	2	8		2				Soil and GW: Lead	
AST35	AST-35 (H-13)	Tank #35, 200,000 gallon tank associated with reported spill	Petroleum	4	5	2	4				Soil: STARS for fuel oil VOCs and SVOCs GW: VOCs, SVOCs	
FPH	Fuel Pump House and Distribution Line for AST-35	Fuel Line	Petroleum	4	4	3	4				Soil: STARS for fuel oil VOCs and SVOCs GW: VOCs, SVOCs	Geophysical survey conducted to identify fuel line; line was cut approximately 6 ft southwest of the FPH.
STA	Building 20 (Suspected Tank A)	Suspected Former Tank Location	Petroleum									Geophysical survey conducted; no anomalies observed and no samples collected.
STB	Building 22 (Suspected Tank B)	Suspected Former Tank Location	Petroleum	4	4	3	2				Soil: STARS for fuel oil VOCs and SVOCs GW: VOCs, SVOCs	Geophysical survey conducted, Test Holes conducted and potential petroleum impacts observed.
STC	Building 2 (Suspected Tank C)	Suspected Former Tank Location	Petroleum									Geophysical survey conducted, possible anomaly observed. Test holes conducted, which did not identify subsurface anomaly or petroleum impacts. No samples collected.
STD	Building 104R (Suspected Tank D)	Suspected Former Tank Location	Petroleum									Geophysical survey conducted; no anomalies observed and no samples collected.
STE	Building 3001 (Suspected Tank E)	Suspected Former Tank Location	Petroleum									Geophysical survey conducted; no anomalies observed and no samples collected.
STF	Pump House (Suspected Tank F)	Suspected Former Tank Location	Petroleum									Geophysical survey conducted; no anomalies observed and no samples collected.
STG	Pump House (Suspected Tank G)	Suspected Former Tank Location	Petroleum									Geophysical survey conducted; no anomalies observed and no samples collected.
STH	Building 109 (Suspected Tank H)	Possible Tank Identified during Geophysics	Petroleum									Geophysical survey conducted; no anomalies observed and no samples collected.
112	Battery 112 (UST 36, 37)	Oil Staining	PCBs									No access available.
107	Building 107 Electrical Substation	Electrical	PCBs					1	1	1	WP, CC, LC: PCBs	
201	Building 201 Radar Tower/Antenna	Cesspool	PCBs	1	2		0				Soil and GW: VOC, SVOC, PCBs, metals	GW not encountered in boring.
		Electrical	PCBs									No access available.
WDS	Abandoned Waste Disposal Systems (Sitewide)	Hazardous Material Disposal	Hazardous Materials	25	24	3	22				Soil and GW: VOC, SVOC, PCBs, metals	GW not encountered in all borings.
EFO	Engineering Field Office	Ordnance Repair	Munitions Constituents	1	1	1	1				Soil: Energetics GW: Energetics	
034	Former Building 34	Former Building, Construction Debris	Hazardous Materials	1	1	1	1				Soil and GW: PAHs, PCBs, and Metals	
		Drainage Ditch	Hazardous Materials		4	4					Soil: PAHs, PCBs, and Metals	

**Table 2-1
Summary of Areas of Concern and Phase I Field Investigation
Camp Hero Remedial Investigation
Montauk, New York**

AOC ID	AOC Name for Phase I Field Investigation	Reason for Concern Based on Records Review	Potential Impact	Number of Geoprobe Borings	Phase I Sample Quantities						Phase I Sample Analyses	Additional Activities and Notes
					SB	SS	GW	CC	WP	LC		
MP	Motor Pool	Hydraulic Lift	Petroleum	1	1		1				Soil: STARS for fuel oil VOCs and SVOCs GW: VOCs, SVOCs	
		Ordinance Repair	Petroleum, Hazardous Materials, Munitions Constituents	1	1	1	1				Soil: STARS for fuel oil VOCs and SVOCs, Energetics GW: VOCs, SVOCs, Energetics	
		Cesspool		1	1	1	1				Soil: STARS for fuel oil VOCs and SVOCs, PCBs, Energetics GW: VOCs, SVOCs, PCBs, Energetics	
		Existing Well (Untreated Tap)					1				GW: VOCs, SVOCs, PCBs, Energetics, metals	
H1	Drum Location (H-1)	Drums	Hazardous Materials		2	2				Soil and LC: VOC, SVOC, PCBs, metals		
H2	Drum Location (H-2)	Drums	Hazardous Materials		2	2				Soil and LC: VOC, SVOC, PCBs, metals		
H3	Drum Location (H-3)	Drums	Hazardous Materials		2	2				Soil and LC: VOC, SVOC, PCBs, metals		
H4	Construction Debris Area (H-4)	Construction Debris	Hazardous Materials	3	2	3	3			Soil and GW: lead, PCBs		
H5	Drum Location with Construction Debris (H-5)	Drums	Hazardous Materials		2	2				Soil and LC: VOC, SVOC, PCBs, metals		
		Construction Debris	Hazardous Materials		2	2				Soil: Lead and PCBs		
H6	Construction Debris Area (H-6)	Construction Debris	Hazardous Materials	3		3	3			Soil and GW: lead, PCBs		
H7	Possible Boiler (H-7)	Possible abandoned boiler	Petroleum								Magnetometer survey conducted to locate boiler; AOC could not be located.	
H8	Possible Boiler (H-8)	Possible abandoned boiler	Petroleum								Magnetometer survey conducted to locate boiler; AOC could not be located.	
H9	Boiler (H-9)	Abandoned boiler	Petroleum			1				Soil and GW: PAHs and Metals		
H11	Former Power Plant (H-11)	Former Power Plant	Petroleum, Metals, PCBs	2	2	2	2			Soil and GW: PAHs, Metals, PCBs		
H12	Sewage Ejector Station (H-12)	Sewage Ejector Station	Hazardous Materials	1	1	1	1			Soil and GW: VOCs, SVOCs, PCBs, metals		
H14	Former Coal Storage (H-14)	Coal Storage Area	PAHs and Metals	3	3	3	2			Soil and GW: PAHs and Metals	GW not encountered in all borings.	
H15	Former Coal Storage (H-15)	Coal Storage Area	PAHs and Metals	3	3	3	0			Soil and GW: PAHs and Metals	GW not encountered in any borings.	
H16	Former Sewage Treatment Area (H-16)	Sewage Treatment Area	Hazardous Materials	1	1	1	1			Soil and GW: VOCs, SVOCs, PCBs, metals		
H17	Open Pits (H-17)	Open Pits	Hazardous Materials	3	3	3	2			Soil and GW: VOC, SVOC, PCBs, metals	GW not encountered in all borings.	
H18	Drum Location (H-18)	Drums	Hazardous Materials		2	2				Soil and LC: VOC, SVOC, PCBs, metals	Drum not identified/located; magnetometer survey identified possible drum remnants.	
H19	Former AST (H-19)	550 gal Storage Tank	Hazardous Materials			1				Soil, GW, and LC: VOC, PAHs, Metals		
H20	Drum Location (H-20)	Drums	Hazardous Materials		2	2				Soil and LC: VOC, SVOC, PCBs, metals		
H21	Open Pits (H-21)	Open Pits	Hazardous Materials	3	3	3	3			Soil and GW: VOC, SVOC, PCBs, metals		
H22	Drum Location (H-22)	Drums	Hazardous Materials		2	2				Soil, GW, and LC: VOC, SVOC, PCBs, metals		
216	Battery 216	Potential Unknown Storage or Vaults, Possible Debris	Potential Unknown Release								Geophysical survey conducted; no anomalies observed and no samples collected.	
P113	Plotting Room 113	Potential Unknown Storage or Vaults, Possible Debris	Potential Unknown Release	3	3	2	3			Soil: STARS for fuel oil and gasoline VOC, SVOC, Lead GW: VOC, SVOC, Lead	Geophysical survey conducted. Potential anomalies observed.	
AGC3	Camp Hero State Park Bluffs/AGC Site 3	Metal debris	Metals Debris Hazards								Geophysical survey via Metal Detector. No anomalies observed and no samples collected. Removed debris (old boiler) from State Park Bluffs.	
AGC1	AGC Site 1	Debris	Potential Unknown Release								Geophysical survey conducted; no anomalies observed and no samples collected.	
AGC2	AGC Site 2	Debris	Potential Unknown Release								Geophysical survey conducted; no anomalies observed and no samples collected.	
AGC4	AGC Site 4	Debris	Potential Unknown Release								Geophysical survey conducted; no anomalies observed and no samples collected.	
010	Building 10	Leaking Oil, Paint, and Fuel Cans	Potential Release								Not included in the RI WP as an AOC. Inventory of potentially hazardous materials was completed during Phase I at USACE request.	

Table 2-1
Summary of Areas of Concern and Phase I Field Investigation
Camp Hero Remedial Investigation
Montauk, New York

AOC ID	AOC Name for Phase I Field Investigation	Reason for Concern Based on Records Review	Potential Impact	Number of Geoprobe Borings	Phase I Sample Quantities						Phase I Sample Analyses	Additional Activities and Notes
					SB	SS	GW	CC	WP	LC		
Background												
BG	Background Soil	NA	NA	16	32	30					Soil: Metals and PAHs	

Notes

Metals analysis for soil included TAL metals, excluding mercury

Metals analysis for groundwater included TAL metals, unfiltered, excluding mercury

Acronyms/Abbreviations

AGC Army Geospatial Center
AOC Area of Concern
AST Aboveground Storage Tank
FPH Fuel Pump House
ID Identification
LNAPL Light non-aqueous phase liquid
N/A Not Applicable
NYSDEC New York State Department of Environmental Conservation
PCB Polychlorinated Biphenyls
STARS [NYSDEC] Spills, Technology, and Remediation Services
SVOC Semi-Volatile Organic Compound
TAL Target analyte list
UST Underground Storage Tank
VOC Volatile Organic Compound

Media Type Codes

GW Groundwater (Grab Samples)
SB Subsurface Soil
SS Surface Soil
WP Wipe
CC Concrete Chip
LC Liquid Characterization

This page intentionally left blank.

**Table 2-2
Summary of Phase II Field Investigation
Camp Hero Remedial Investigation
Montauk, New York**

AOC ID	AOC Name	Sample Category	Permanent Monitoring Wells	Geoprobe Borings	Sample Quantities			Analyses	Additional Activities and Notes
					SS (Surface)	SB (Subsurface)	GW		
Areas of Concern									
203	Former Building 203	Groundwater	6				5	GW: VOCs, SVOCs, Metals	LIF Screening at 44 Locations
		Soil Inside Hot Spot		16	16	20		SS and SB: VOCs, SVOCs, Metals	
		Soil Outside Hot Spot		16	16	16		SS and SB: VOCs, SVOCs, Metals	
Background									
BG	Background Groundwater		15				14	GW: Metals	Sample could not be collected from one well.

Notes

Metals analysis for soil included TAL metals, plus hexavalent chromium and Oxidation-Reduction Potential.
Metals analysis for groundwater included filtered/unfiltered TAL metals, plus filtered/unfiltered hexavalent chromium.

Acronyms/Abbreviations

AOC Area of Concern
AST Aboveground Storage Tank
ID Identification
LIF Laser-Induced Fluorescence
N/A Not Applicable
SVOC Semi-Volatile Organic Compound
TAL Target Analyte List
TOC Total Organic Carbon
UST Underground Storage Tank
VOC Volatile Organic Compound

Media Type Codes

GW Groundwater
SB Soil (Subsurface)
SS Soil (Surface)

This page intentionally left blank.

**Table 2-3
Summary of Preliminary Screening Evaluation and Recommendations for Camp Hero AOCs
Camp Hero Remedial Investigation
Montauk, New York**

AOC ID	AOC Name for Phase I Field Investigation	Evidence of Potential Source or Release from Geophysical Surveys or Field Observations	Surface Soil Results Above Preliminary Screening Values and BTVs	Subsurface Soil Results Above Preliminary Screening Values and BTVs	Recommendation for Phase III Field Investigation	Basis for Recommendation
203	Former Building 203	Yes; Residual presence of LNAPL in the subsurface, ranging from approximately 5 to 35 ft bgs	N/A - No Preliminary Screening of Surface Soil Samples; Surface Soil Sampling completed along unbiased grid for calculation of EPCs within two Sampling Units	Aluminum, Arsenic, Chromium, Chromium III, Chromium VI, Cobalt, Iron, Magnesium, Manganese, Thallium, Vanadium, 1-Methylnaphthalene, 2-Methylnaphthalene, Benzo(a)pyrene, Biphenyl, 1,1'-Naphthalene, Ethylbenzene, Total Xylenes, Total BaP PAHs	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs; presence of LNAPL in subsurface
H2	Drum Location (H-2)	N/A	Lead, Manganese, Zinc	None	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
H1	Drum Location (H-1)	N/A	Cadmium, Benzo(a)pyrene, Total BaP PAHs Calculated	Benzo(a)pyrene, Total BaP PAHs	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
H18	Drum Location (H-18)	N/A	Thallium	None	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
WDS	WDS SB25 - SB27 Cesspools	N/A	No Surface Soil Samples	Arsenic, Iron	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
H11	Former Power Plant (H-11)	N/A	None	Arsenic, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Total BaP PAHs	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
H12	Sewage Ejector Station (H-12)	N/A	Lead	None	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
WDS	WDS SB23 - SB24 Tile Field	N/A	No Surface Soil Samples	Arsenic, Chromium, Vanadium	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
H19	Former AST (H-19)	N/A	Lead	No Subsurface Samples	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
H20	Drum Location (H-20)	N/A	Cadmium, Lead	Iron, Benzo(a)pyrene, Total BaP PAHs	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
H9	Boiler (H-9)	N/A	Manganese	No Subsurface Soil Samples	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
WDS	WDS SB01 - SB03 Chlorine Contact Chamber	N/A	Lead, Manganese, Benzo(a)pyrene, Benzo(b)fluoranthene	Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Chrysene, Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Total BaP PAHs	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
H15	Former Coal Storage (H-15)	N/A	Antimony, Cobalt, Manganese, Thallium	No Subsurface Soil Samples from 1 - 10 ft bgs	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
H5	Drum Location with Construction Debris (H-5)	N/A	Antimony, Arsenic, Beryllium, Cadmium, Cobalt, Lead, Selenium, Silver, Zinc	None	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
034	Former Building 34	N/A	Arsenic, Cadmium, Lead, Manganese, Thallium, Benzo(a)pyrene, Total BaP PAHs Calculated, Total HMW PAHs Calculated	None	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs

**Table 2-3
Summary of Preliminary Screening Evaluation and Recommendations for Camp Hero AOCs
Camp Hero Remedial Investigation
Montauk, New York**

AOC ID	AOC Name for Phase I Field Investigation	Evidence of Potential Source or Release from Geophysical Surveys or Field Observations	Surface Soil Results Above Preliminary Screening Values and BTVs	Subsurface Soil Results Above Preliminary Screening Values and BTVs	Recommendation for Phase III Field Investigation	Basis for Recommendation
H16	Former Sewage Treatment Area (H-16)	N/A	Lead, Manganese, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Fluoranthene, Indeno(1,2,3-cd)pyrene, Phenanthrene, Pyrene, Total BaP PAHs Calculated, Total HMW PAHs Calculated, Total LMW PAHs Calculated	None	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
MP	Motor Pool	N/A	Total HMW PAHs Calculated	None	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
WDS	WDS SB08 - SB09 Box and Manhole	N/A	No Surface Soil Samples	Benzo(a)pyrene, Total BaP PAHs	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
H14	Former Coal Storage (H-14)	N/A	Arsenic, Cobalt, Magnesium, Manganese, Thallium	None	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
WDS	WDS SB06 - SB07 Suspected Septic Tank	N/A	No Surface Soil Samples	Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Indeno(1,2,3-cd)pyrene, Total BaP PAHs	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
H6	Construction Debris Area (H-6)	Yes; PCBs detected in turbid grab-groundwater sample	Lead	No Subsurface Soil Samples	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs; PCBs detected in grab-groundwater sample
WDS	WDS SB13	N/A	No Surface Soil Samples	Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Chrysene, Indeno(1,2,3-cd)pyrene, Total BaP PAHs	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
H4	Construction Debris Area (H-4)	N/A	Lead	None	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
H3	Drum Location (H-3)	N/A	Cadmium, Zinc	None	Further Assessment Warranted	Compounds in soil exceeding preliminary screening values and BTVs
AST35	AST-35 (H-13)	Yes; Petroleum odor and sheen from temporary wells	None	None	Further Assessment Warranted (groundwater only)	Surface and subsurface soil samples collected in vicinity of identified buried debris had no compounds exceeding screening values or BTVs; however, field observations indicate potential groundwater impacts.
FPH	FPH for AST-35	Yes; Petroleum odor and sheen from temporary wells	None	None	Further Assessment Warranted (groundwater only)	Surface and subsurface soil samples collected in vicinity of identified buried debris had no compounds exceeding screening values or BTVs; however, field observations indicate potential groundwater impacts.
STB	Building 22 (Suspected Tank B)	Yes; Petroleum odor and sheen from temporary wells	None	None	Further Assessment Warranted (groundwater only)	Surface and subsurface soil samples collected in vicinity of identified buried debris had no compounds exceeding screening values or BTVs; however, field observations indicate potential groundwater impacts.

**Table 2-3
Summary of Preliminary Screening Evaluation and Recommendations for Camp Hero AOCs
Camp Hero Remedial Investigation
Montauk, New York**

AOC ID	AOC Name for Phase I Field Investigation	Evidence of Potential Source or Release from Geophysical Surveys or Field Observations	Surface Soil Results Above Preliminary Screening Values and BTVs	Subsurface Soil Results Above Preliminary Screening Values and BTVs	Recommendation for Phase III Field Investigation	Basis for Recommendation
WDS	WDS SB20 Septic Tank	N/A	No Surface Soil Samples	Calcium	NFA Warranted	Calcium was the only compound exceeding preliminary screening criteria and BTVs.
201	Building 201 Radar Tower/Antenna	N/A	No Surface Soil Samples	None	NFA Warranted	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs
2010	Building 2010 (UST 30)	N/A	None	None	NFA Warranted	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs
F100C	Building F100C (UST 34)	N/A	None	None	NFA Warranted	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs
H22	Drum Location (H-22)	N/A	None	None	NFA Warranted	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs
EFO	Engineering Field Office	N/A	None	None	NFA Warranted	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs
H17	Open Pits (H-17)	N/A	None	None	NFA Warranted	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs
H21	Open Pits (H-21)	N/A	None	None	NFA Warranted	No evidence of potential source or release; Calcium was the only compound exceeding preliminary screening criteria and BTVs
P113	Plotting Room 113	Yes; Buried debris identified in geophysical survey	None	None	NFA Warranted	No exceedances of preliminary screening criteria or BTVs for soil samples collected in vicinity of buried debris
WDS	WDS SB04 - SB05 Septic Tank	N/A	None	No Subsurface Soil Samples	NFA Warranted	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs
WDS	WDS SB10 Box	N/A	No Surface Soil Samples	None	NFA Warranted	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs
WDS	WDS SB11 Cesspool	N/A	No Surface Soil Samples	None	NFA Warranted	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs
WDS	WDS SB12	N/A	No Surface Soil Samples	None	NFA Warranted	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs
WDS	WDS SB14 - SB17 Cesspools	N/A	No Surface Soil Samples	None	NFA Warranted	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs
WDS	WDS SB18 - SB19	N/A	No Surface Soil Samples	No Subsurface Soil Samples from 1 - 10 ft bgs	NFA Warranted	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs
WDS	WDS SB21 - SB22 Septic Tank, Drain Field	N/A	None	None	NFA Warranted	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs

**Table 2-3
Summary of Preliminary Screening Evaluation and Recommendations for Camp Hero AOCs
Camp Hero Remedial Investigation
Montauk, New York**

AOC ID	AOC Name for Phase I Field Investigation	Evidence of Potential Source or Release from Geophysical Surveys or Field Observations	Surface Soil Results Above Preliminary Screening Values and BTVs	Subsurface Soil Results Above Preliminary Screening Values and BTVs	Recommendation for Phase III Field Investigation	Basis for Recommendation
216	Battery 216	No; Geophysical survey completed - no tanks or underground anomalies identified	No Surface Soil Samples	No Subsurface Soil Samples	NFA Warranted	No evidence of potential source or release
AGC1	AGC Site 1	No; Geophysical survey completed - no tanks or underground anomalies identified	No Surface Soil Samples	No Subsurface Soil Samples	NFA Warranted	No evidence of potential source or release
AGC2	AGC Site 2	No; Geophysical survey completed - no tanks or underground anomalies identified	No Surface Soil Samples	No Subsurface Soil Samples	NFA Warranted	No evidence of potential source or release
AGC3	Camp Hero State Park Bluffs / AGC Site 3	No; Geophysical survey completed - no tanks or underground anomalies identified	No Surface Soil Samples	No Subsurface Soil Samples	NFA Warranted	No evidence of potential source or release
AGC4	AGC Site 4	No; Geophysical survey completed - no tanks or underground anomalies identified	No Surface Soil Samples	No Subsurface Soil Samples	NFA Warranted	No evidence of potential source or release
H7	Possible Boiler (H-7)	No; an extensive visual and magnetometer survey was unable to locate the boilers noted by Cashin (1998).	No Surface Soil Samples	No Subsurface Soil Samples	NFA Warranted	No evidence of potential source or release
H8	Possible Boiler (H-8)	No; an extensive visual and magnetometer survey was unable to locate the boilers noted by Cashin (1998).	No Surface Soil Samples	No Subsurface Soil Samples	NFA Warranted	No evidence of potential source or release
STA	Building 20 (Tank A)	No; Geophysical survey completed - no tanks or underground anomalies identified	No Surface Soil Samples	No Subsurface Soil Samples	NFA Warranted	No evidence of potential source or release
STC	Building 2 (Tank C)	No; Geophysical survey indicated tank-sized subsurface anomaly. Small "test holes" verified that no tank was present in the subsurface; no petroleum odor or staining observed.	No Surface Soil Samples	No Subsurface Soil Samples	NFA Warranted	No evidence of potential source or release
STD	Building 104R (Tank D)	No; Geophysical survey completed - no tanks or underground anomalies identified	No Surface Soil Samples	No Subsurface Soil Samples	NFA Warranted	No evidence of potential source or release
STE	Building 3001 (Tank E)	No; Geophysical survey completed - no tanks or underground anomalies identified	No Surface Soil Samples	No Subsurface Soil Samples	NFA Warranted	No evidence of potential source or release
STF	Pump House (Tank F)	No; Geophysical survey completed - no tanks or underground anomalies identified	No Surface Soil Samples	No Subsurface Soil Samples	NFA Warranted	No evidence of potential source or release
STG	Pump House (Tank G)	No; Geophysical survey completed - no tanks or underground anomalies identified	No Surface Soil Samples	No Subsurface Soil Samples	NFA Warranted	No evidence of potential source or release
STH	Building 109 (Tank H)	No; Geophysical survey indicated tank-sized subsurface anomaly. Small "test holes" verified that no tank was present in the subsurface; no petroleum odor or staining observed.	No Surface Soil Samples	No Subsurface Soil Samples	NFA Warranted	No evidence of potential source or release
112	Battery 112	N/A	No Surface Soil Samples	No Subsurface Soil Samples	NFA Warranted	No access (building sealed)
010	Building 10 Kitchen/Mess Hall	Yes; Inventory completed on old paint and oil cans	No Surface Soil Samples	No Subsurface Soil Samples	NFA Warranted	Removal action under separate contract. Note this Building was not included in the RI WP as an AOC but was inventoried during the Phase I Field Effort at USACE request.
107	Building 107 Electrical Substation	Yes; PCBs present based on wipe/concrete chip samples	No Surface Soil Samples	No Subsurface Soil Samples	NFA Warranted	Removal action under separate contract

Table 2-3
Summary of Preliminary Screening Evaluation and Recommendations for Camp Hero AOCs
Camp Hero Remedial Investigation
Montauk, New York

AOC ID	AOC Name for Phase I Field Investigation	Evidence of Potential Source or Release from Geophysical Surveys or Field Observations	Surface Soil Results Above Preliminary Screening Values and BTVs	Subsurface Soil Results Above Preliminary Screening Values and BTVs	Recommendation for Phase III Field Investigation	Basis for Recommendation
B113	Battery 113	Yes; PCBs present based on wipe/concrete chip samples. Two ASTs present containing weathered diesel fuel.	No Surface Soil Samples	No Subsurface Soil Samples	NFA Warranted	Removal action under separate contract

Notes

Grey highlight indicates NFA warranted based on the Phase I RI field investigation.

Acronyms and Abbreviations

AGC = Army Geospatial Center
AOC = area of concern
AST = aboveground storage tank
bgs = below ground surface
BaP = benzo(a)pyrene
BTVs = background threshold values
EPCs = exposure point concentrations
FPH = fuel pump house
ft = feet
HMW = high molecular weight
ID = identification
LMW = low molecular weight
LNAPL = light non-aqueous phase liquid
MP = motor pool
N/A = not applicable
NFA = no further action
PAHs = polycyclic aromatic hydrocarbons
PCBs = polychlorinated biphenyls
SB = soil boring
STB = suspected tank B
WDS = waste disposal system

**Table 2-4
Decision Unit Selection and Summary of Phase III Field Investigation
Camp Hero Remedial Investigation
Montauk, New York**

Decision Unit ID	Decision Unit Name	Included Former AOCs	Associated SEAs	Phase III Sampling based on Preliminary Screening			Phase III Sampling to Support Risk Assessment, Conceptual Site Model, and Feasibility Study							Additional Activities and Notes
				VOCs	SVOCs	Metals	VOCs	SVOCs	PCBs	Metals	GeoChem	GeoTech	MNA	
Decision Units and Stream Exposure Areas														
DU01	Former Building 203 Area	Former Building 203	SEA06 (Non-revetted)	SB	SB	SB	GW	GW	-	GW	SB, GW	SB	GW	Unbiased SS Sampling Completed in Phase II. Slug testing of select wells.
DU02	H-2 Drum Area	Drum Location (H-2)	SEA06 (Non-revetted)	-	-	SS	-	SW/SD	-	SW/SD	SS, SW/SD	-	-	
DU03	H-1 Drum Area	Drum Location (H-1)	SEA06 (Non-revetted)	-	SS, SB	SS	-	SW/SD	-	SW/SD	SS, SW/SD	-	-	
DU04	H-18 Former Drum Area	Drum Location (H-18)	None	-	-	SS	-	-	-	-	SS	-	-	
DU05	WDS Cesspool Area	WDS SB25 - SB27 Cesspools	SEA05 (Revetted and Non-revetted) ¹	-	-	SS, SB	-	SW/SD	-	SW/SD	SB, SW/SD	-	-	
DU06	Former Power Plant Area	Former Power Plant (H-11), Former Sewage Ejector Station (H-12), WDS SB23 - SB24 Tile Field	SEA05 (Revetted and Non-revetted) ¹	-	SS, SB	SS, SB	-	SW/SD	-	SW/SD	SS, SB, SW/SD	-	-	
DU07	H-19, H-20 AST/Drum Area	Former AST (H-19), Drum Location (H-20), Possible Boiler (H-9)	SEA01 (Revetted)	-	SS, SB	SS, SB	-	SW/SD	-	SW/SD	SS, SB, SW/SD	-	-	
DU08	WDS Chlorine Contact Chamber Area	WDS SB01 - SB03 Chlorine Contact Chamber	SEA08 (Revetted and Non-revetted) ¹	-	SS, SB	SS	-	SW/SD	-	SW/SD	SS, SW/SD	-	-	
DU09	H-15 Coal Storage Area	Former Coal Storage (H-15)	None	-	-	SS	-	-	-	SS	SS	-	-	
DU10	H-5 Drum/Debris Area	Drum Location with Construction Debris (H-5)	SEA03 (Revetted and Non-revetted) ¹	-	-	SS	-	SW/SD	-	SW/SD	SS, SW/SD	-	-	
DU11	H-16 Sewage, WDS Septic Area	Former Building 34, Former Sewage Treatment Area (H-16), Motor Pool - Drain (SB02) and Cesspool (SB03)	SEA03 (Revetted and Non-revetted) ¹	-	SS	SS	-	SW/SD	-	SW/SD	SS, SW/SD	-	-	
DU12	WDS Manhole Area 1	WDS SB08 - SB09 Box and Manhole	SEA02 (Revetted)	-	SS, SB	-	-	SW/SD	-	SW/SD	SW/SD	-	-	
DU13	H-14 Coal Storage Area	Former Coal Storage (H-14)	SEA04 (Revetted)	-	-	SS	-	-	-	-	SS	-	-	
DU14	WDS Septic Tank Area	WDS SB06 - SB07 Suspected Septic Tank	SEA04 (Revetted)	-	SS, SB	-	-	SW/SD	-	SW/SD	SW/SD	-	-	
DU15	H-6 Debris Area	Construction Debris Area (H-6)	SEA07 (Revetted)	-	-	SS	-	SW/SD	SS, SB, GW, SW/SD	GW, SW/SD	SS, GW, SW/SD	-	GW	PCBs were added to sampling parameters based on detection in Phase I grab groundwater sample.
DU16	WDS Manhole Area 2	WDS SB13 Manhole	None	-	SS, SB	-	-	-	-	-	-	-	-	
DU17	H-4 Debris Area	Construction Debris Area (H-4)	SEA02 (Revetted)	-	-	SS	-	SW/SD	-	SW/SD	SS, SW/SD	-	-	
DU18	H-3 Drum Area	Drum Location (H-3)	SEA01 (Revetted)	-	-	SS	-	-	-	-	SS	-	-	

**Table 2-4
Decision Unit Selection and Summary of Phase III Field Investigation
Camp Hero Remedial Investigation
Montauk, New York**

Decision Unit ID	Decision Unit Name	Included Former AOCs	Associated SEAs	Phase III Sampling based on Preliminary Screening			Phase III Sampling to Support Risk Assessment, Conceptual Site Model, and Feasibility Study						Additional Activities and Notes	
				VOCs	SVOCs	Metals	VOCs	SVOCs	PCBs	Metals	GeoChem	GeoTech		MNA
Sitewide Groundwater														
N/A	Sitewide Groundwater	N/A	N/A	-	-	-	-	GW	-	GW	GW	-	GW	
N/A	Groundwater Near AST35/FPH, STB, MP	Former AST-35, Fuel Pump House, Suspected Tank B	N/A	-	-	-	GW	GW	-	GW	GW	-	GW	VOCs were added to sampling parameters based on detection in Phase I grab groundwater samples and field indicators
Background														
BG	Background Surface Water and Sediment	N/A	N/A	-	SW/SD	SW/SD	-	-	-	-	-	-	-	

Notes

¹ SEA includes both revetted and non-revetted sampling locations. For screening purposes, SEA03 and SEA08 were classified as non-revetted because the majority of the locations were not revetted. SEA05 was classified as revetted because the majority of the locations were revetted

VOCs - Specific VOCs based on preliminary screening evaluation results, plus NYSDEC STARs list

SVOCs - Selected SVOCs based on preliminary screening evaluation, plus NYSDEC STARs list (includes full PAHs plus NYSDEC STARs list)

Metals - Full TAL metals, including mercury in all samples and hexavalent chromium in 10% of samples

GeoChem - Geochemical parameters to further evaluate the speciation of metals

GeoTech - Soil permeability analysis via shelly tube methodology to evaluate potential LNAPL response actions

MNA - Monitored natural attenuation parameters including biochemical oxygen demand, total oxygen demand, total organic carbon, Fe²⁺ (field analysis), chlorides, sulfates and sulfides, nitrates and nitrites, alkalinity, methane, ethane, and ethene

Acronyms and Abbreviations

AOC = area of concern

AST = aboveground storage tank

DU = decision unit

FPH = fuel pump house

ID = identification

LMW = low molecular weight

LNAPL = light non-aqueous phase liquid

MNA = monitored natural attenuation

MP = motor pool

N/A = not applicable

NYSDEC = New York State Department of Environmental Conservation

PAHs = polycyclic aromatic hydrocarbons

PCB = polychlorinated biphenyl

SEA = stream exposure area

STARs = [NYSDEC] Spills, Technology, and Remediation Services

STB = suspected tank B

SVOC = semi-volatile organic compound

TAL = target analyte list

VOC = volatile organic compound

WDS = waste disposal system

Media Type Codes

GW = groundwater

SB = subsurface soil

SD = sediment

SS = surface soil

SW = surface water

**Table 3-1
Sitewide Monitoring Well Network Construction Information
Camp Hero Remedial Investigation
Montauk, New York**

Well ID	Nearby DU/AOC	Northing ¹	Easting ¹	Elevation - Ground Surface (ft amsl) ¹	Elevation - Top of Casing (ft amsl)	Total Well Depth (ft btoc)	Screen Length (ft)	Top of Screen (ft amsl)	Bottom of Screen (ft amsl)	Date Installed	Construction Type
CH-MW001	Background	335505.85	1569044.66	38.92	41.52	22.75	15	33.77	18.77	12/6/2016	Stick-Up
CH-MW002	Background	335054.09	1569043.90	38.75	42.35	33.48	15	23.87	8.87	12/5/2016	Stick-Up
CH-MW003	Background	334838.99	1569050.05	34.39	37.30	33.00	15	19.30	4.30	12/5/2016	Stick-Up
CH-MW004	Background	334385.29	1569185.12	54.40	57.02	35.11	15	36.91	21.91	12/6/2016	Stick-Up
CH-MW005	Background	336287.52	1571273.38	67.00	70.17	32.90	15	52.27	37.27	12/7/2016	Stick-Up
CH-MW006	Background	336021.34	1571547.03	60.93	64.50	32.40	15	47.10	32.10	12/7/2016	Stick-Up
CH-MW007	Background	335781.67	1573852.32	60.78	60.55	30.93	15	44.62	29.62	12/6/2016	Flushmount
CH-MW008	Background	335891.30	1571897.78	56.47	59.20	19.85	10	49.35	39.35	12/7/2016	Stick-Up
CH-MW009	Background	335088.47	1572872.11	55.44	58.54	22.65	15	50.89	35.89	12/7/2016	Stick-Up
CH-MW010	Background	335687.67	1571269.69	64.76	67.41	27.63	15	54.78	39.78	12/7/2016	Stick-Up
CH-MW011	Background	333753.93	1570930.01	82.40	82.06	25.00	15	72.06	57.06	12/6/2016	Flushmount
CH-MW012	Background	335301.11	1571415.71	70.15	72.80	32.15	15	55.65	40.65	12/7/2016	Stick-Up
CH-MW013	Background	334759.04	1569949.41	58.01	60.85	32.99	15	42.86	27.86	12/5/2016	Stick-Up
CH-MW014	Background	334249.17	1570186.32	61.32	60.94	30.07	15	45.87	30.87	12/5/2016	Flushmount
CH-MW015	Background	333545.23	1570005.00	73.97	73.62	40.10	15	48.52	33.52	12/6/2016	Flushmount
CH-MW016	DU01	333368.24	1570264.18	80.72	83.47	30.50	15	67.97	52.97	12/8/2016	Stick-Up
CH-MW017	DU01	333325.2	1570232.04	81.38	84.32	31.84	15	67.48	52.48	12/8/2016	Stick-Up
CH-MW018	DU01	333285.04	1570126.68	57.88	61.44	15.85	10	55.59	45.59	12/8/2016	Stick-Up
CH-MW019	DU01	333218.24	1570236.7	86.06	88.63	22.65	15	80.98	65.98	12/8/2016	Stick-Up
CH-MW020	DU01	333303.73	1570356.67	93.71	96.84	25.70	15	86.14	71.14	12/8/2016	Stick-Up
CH-MW021	DU01	333245.57	1570330.06	92.24	95.01	18.00	10	87.01	77.01	12/7/2016	Stick-Up
CH-MW022	DU01	333417.61	1570303.45	86.62	88.53	18.72	10	79.81	69.81	6/8/2017	Stick-up
CH-MW023	AST35/FPH (near DU01)	333371.08	1570058.14	58.06	60.67	26.80	15	48.87	33.87	6/8/2017	Stick-up
CH-MW024	AST35/FPH (near DU01)	333430.74	1570158.61	64.27	66.85	17.84	10	59.01	49.01	6/12/2017	Stick-up
CH-MW025	AST35/FPH (near DU01)	333494.49	1570093.15	71.62	74.47	21.10	10	63.37	53.37	6/7/2017	Stick-Up
CH-MW026	STB	334577.01	1570062.52	60.92	60.54	19.04	10	51.50	41.50	6/5/2017	Flushmount
CH-MW027	STB	334683.52	1570053.51	58.62	58.26	28.65	10	39.61	29.61	6/5/2017	Flushmount
CH-MW028	STB	334648.08	1570092.46	57.48	57.27	28.58	10	38.69	28.69	6/5/2017	Flushmount
CH-MW029	DU17	335299.94	1571863.82	49.96	52.26	20.93	10	41.33	31.33	6/6/2017	Stick-up
CH-MW030	DU12	335186.68	1572153.12	49.21	48.7	20.36	10	38.34	28.34	6/6/2017	Flushmount
CH-MW031	DU14	335162.74	1572582.2	44.09	46.18	20.30	10	35.88	25.88	6/7/2017	Stick-Up
CH-MW032	DU11	334983.85	1571877	57.24	59.52	27.77	15	46.75	31.75	6/6/2017	Stick-up
CH-MW033	DU11	335094.12	1572040.34	48.09	50.67	32.25	15	33.42	18.42	6/6/2017	Stick-up
CH-MW034	DU13	334976.61	1572441.93	48.88	51.9	35.66	15	31.24	16.24	6/6/2017	Stick-Up
CH-MW035	DU13	335017.74	1572552.84	42.04	44.89	32.86	15	27.03	12.03	6/6/2017	Stick-Up
CH-MW036	DU08/SEA08	333731.05	1572712.77	17.96	17.62	15.23	10	12.39	2.39	6/9/2017	Flushmount
CH-MW037	DU08/SEA08	333765.49	1572787.73	18.81	18.51	14.85	10	13.66	3.66	6/9/2017	Flushmount
CH-MW038	DU07	335849.6	1571322.74	63.69	66.29	22.24	10	54.05	44.05	6/7/2017	Stick-up
CH-MW039	DU15	335245.64	1571284.76	66.23	68.17	17.72	10	60.45	50.45	6/7/2017	Stick-up
CH-MW040	DU15	335364.55	1571217.43	71.49	74.86	18.46	10	66.40	56.40	6/12/2017	Stick-up
CH-MW041	DU06	334116.96	1570083.34	59.58	62.31	28.50	10	43.81	33.81	6/5/2017	Stick-Up
CH-MW042	DU06	334148.51	1570133.61	61.10	60.83	31.78	10	39.05	29.05	6/5/2017	Flushmount
CH-MW043	MP (near DU11)	334981.92	1571822.3	56.90	56.48	19.44	10	47.04	37.04	6/6/2017	Flushmount

Notes

¹ Northing, easting, and elevation data collected in New York State Plane Coordinate System, Long Island Zone 3104
Horizontal - North American Datum (NAD 83)
Vertical - North American Vertical Datum (NAVD 88)

Acronyms and Abbreviations

amsl = above mean sea level
AOC = area of concern
AST = aboveground storage tank
btoc = below top of casing
DU = decision unit
FPH = fuel pump house
ft = feet
ID = identification
MP = motor pool
SEA = stream exposure area
STB = suspected tank B

**Table 3-2
Summary of Groundwater Elevations and Water Quality Data
Camp Hero Remedial Investigation
Montauk, New York**

Location ID	Associated Sample ID	Location Description	Date of Data Collection	Groundwater Elevation (ft amsl)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	pH	Specific Conductance (mS/cm)	Temperature (°C)	Turbidity (NTU)
CH-MW001	CH-MW001-01	Background	12/13/2016	35.41	0.54	77.2	5.58	2.011	9.61	18.3
CH-MW002	CH-MW002-01	Background	12/11/2016	30.30	-0.05	50.8	5.95	0.250	10.72	-6.2
CH-MW003	CH-MW003-01	Background	12/13/2016	31.39	7.08	25.4	6.27	0.256	8.71	25.4
CH-MW004	CH-MW004-01	Background	12/13/2016	37.02	8.32	24.8	5.66	0.090	11.70	6.4
CH-MW005	CH-MW005-01	Background	12/13/2016	55.27	8.09	127.5	5.79	0.110	10.47	1.4
CH-MW006	CH-MW006-01	Background	12/14/2016	50.11	7.07	26.2	5.97	0.131	9.38	39.9
CH-MW007	CH-MW007-01 ¹	Background	12/14/2016	36.12	8.37	-4.4	7.69	0.470	12.66	43.2
CH-MW008	NA	Background	NA	40.90				NA ²		
CH-MW009	CH-MW009-01	Background	12/13/2016	45.73	6.37	171.5	4.89	0.181	10.90	7.4
CH-MW010	CH-MW010-01	Background	12/13/2016	55.52	6.82	172.5	5.70	0.125	11.50	-0.5
CH-MW011	CH-MW011-01 ¹	Background	12/14/2016	61.14				NA ³		
CH-MW012	CH-MW012-01	Background	12/13/2016	60.82	3.58	93.0	5.66	0.199	11.45	-0.4
CH-MW013	CH-MW013-01	Background	12/12/2016	48.72	3.23	209.9	5.85	0.161	12.27	0.8
CH-MW014	CH-MW014-01	Background	12/12/2016	48.03	2.07	95.6	6.03	0.360	12.47	0.3
CH-MW015	CH-MW015-01	Background	12/14/2016	53.64	0.59	-25.4	6.04	0.271	12.62	13.8
CH-MW016	CH-MW016-01	DU01	12/15/2016	61.62	0.07	-32.7	6.50	0.452	9.70	6.6
CH-MW016	CH-MW016-02	DU01	6/27/2017	62.38	0.03	-149.1	6.60	0.739	13.70	8.3
CH-MW017	NA	DU01	12/11/2016	56.80				NA ⁴		
CH-MW017	NA	DU01	6/27/2017	62.97				NA ⁴		
CH-MW018	CH-MW018-01	DU01	12/15/2016	55.41	1.38	38.1	5.62	0.239	2.51	7.2
CH-MW018	CH-MW018-02	DU01	6/26/2017	55.02	0.15	-95.3	5.72	0.245	17.00	12.4
CH-MW019	CH-MW019-01	DU01	12/15/2016	80.84	8.80	166.2	6.27	0.163	5.43	1147.8
CH-MW019	CH-MW019-02	DU01	6/28/2017	74.37	6.18	256.9	6.30	0.237	16.00	310.9
CH-MW020	CH-MW020-01	DU01	12/15/2016	91.64	1.89	-47.8	8.17	0.154	7.89	2.4
CH-MW020	CH-MW020-02	DU01	6/26/2017	89.40	0.34	60.0	5.93	0.172	19.01	1.26
CH-MW021	CH-MW021-01 ¹	DU01	12/14/2016	83.03	6.55	140.5	8.57	0.747	9.71	275.2
CH-MW021	CH-MW021-02 ¹	DU01	6/23/2017	83.09	3.96	51.1	6.67	0.664	23.11	29.7
CH-MW022	CH-MW022-02	DU01	6/26/2017	77.13	4.65	48.5	5.87	0.243	14.92	16.7
CH-MW023	CH-MW023-02	AST35/FPH	6/26/2017	52.22	2.67	360.0	6.06	0.226	16.55	3.7
CH-MW024	CH-MW024-02	AST35/FPH	6/26/2017	58.74	0.84	-44.2	6.54	0.425	16.09	1.4
CH-MW025	CH-MW025-02	AST35/FPH	6/22/2017	65.18	0.73	210.0	6.06	0.225	14.83	11.2
CH-MW026	CH-MW026-02	STB	6/22/2017	52.67	1.02	113.6	5.82	0.152	23.87	3.8
CH-MW027	CH-MW027-02	STB	6/22/2017	50.25	1.77	51.6	6.22	0.384	17.17	8.77
CH-MW028	CH-MW028-02	STB	6/22/2017	49.67	2.06	16.7	6.33	0.366	24.01	15.9
CH-MW029	CH-MW029-02	DU17	6/22/2017	44.68	6.37	106.0	5.42	0.302	15.56	-3.5
CH-MW030	CH-MW030-02	DU12	6/26/2017	43.06	0.28	-107.4	6.63	0.330	18.21	75.2
CH-MW031	CH-MW031-02	DU14	6/23/2017	32.19	7.90	108.2	5.68	0.225	18.15	274.1
CH-MW032	CH-MW032-02	DU11	6/23/2017	48.03	3.64	-1.2	5.68	0.211	15.93	3.4
CH-MW033	CH-MW033-02	DU11	6/23/2017	43.95	3.63	85.6	5.36	0.214	17.29	4.76
CH-MW034	CH-MW034-02	DU13	6/23/2017	23.20	9.51	356.2	6.68	0.191	15.52	133.0
CH-MW035	CH-MW035-02	DU13	6/23/2017	17.63	10.13	337.7	5.60	0.094	16.97	50.3
CH-MW036	CH-MW036-02	DU08	6/21/2017	12.52	0.31	-48.9	6.26	0.432	18.97	58.6
CH-MW037	CH-MW037-02	DU08	6/22/2017	13.21	0.07	-134.7	5.85	0.325	17.49	-6.0

Table 3-2
Summary of Groundwater Elevations and Water Quality Data
Camp Hero Remedial Investigation
Montauk, New York

Location ID	Associated Sample ID	Location Description	Date of Data Collection	Groundwater Elevation (ft amsl)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	pH	Specific Conductance (mS/cm)	Temperature (°C)	Turbidity (NTU)
CH-MW038	CH-MW038-02	DU07	6/21/2017	57.93	4.36	88.3	6.07	0.172	18.24	0.8
CH-MW039	CH-MW039-02	DU15	6/21/2017	62.84	2.96	134.2	5.16	0.148	14.00	-5.3
CH-MW040	CH-MW040-02	DU15	6/21/2017	63.46	7.01	113.3	5.48	0.262	17.32	4.2
CH-MW041	CH-MW041-02	DU06	6/21/2017	55.91	5.65	181.1	4.67	0.203	15.89	-5.7
CH-MW042	CH-MW042-02	DU06	6/21/2017	51.44	1.07	-32.5	6.40	0.416	21.67	-10.4
CH-MW043	CH-MW043-02	MP (Near DU11)	6/27/2017	49.19	1.01	109.7	5.94	0.350	17.52	6.6

Notes

- ¹ Due to extremely low groundwater recharge, insufficient groundwater was present at CH-MW007, CH-MW011, and CH-MW021 to complete sampling via low-flow methodology. Instead, grab groundwater samples were collected at these locations.
- ² Groundwater at CH-MW008 well exhibited high pH readings (10+) prior to and after well development; it was suspected that the high pH in the groundwater may be a result of cement grouting of the well. The high pH in the groundwater could not be reduced via well development due to the extremely low recharge and a sample was not collected.
- ³ Insufficient groundwater was present at CH-MW011 to collect water quality parameters.
- ⁴ LNAPL was present at CH-MW017. No sample or water quality parameters were collected.

Acronyms and Abbreviations

amsl = above mean sea level
 AST = aboveground storage tank
 °C = degrees Centigrade
 DU = decision unit
 FPH = fuel pump house
 ft = feet
 ID = Identification
 LNAPL = light non-aqueous phase liquid
 mg/L = milligrams per liter
 MP = motor pool
 mS/cm = millisiemens per centimeter
 mV = millivolts
 NA = Not Applicable
 NTU = nephelometric turbidity unit
 STB = suspected tank B

Table 3-3
Summary of Groundwater Monitored Natural Attenuation Parameter and Geochemistry Results
Camp Hero Remedial Investigation
Montauk, New York

Location Group		Near DU01	Near DU01	Near DU01	Near STB	Near DU08	MP (Near DU11)
Location ID		CH-MW016	CH-MW020	CH-MW024	CH-MW026	CH-MW037	CH-MW043
Sample ID		CH-MW016-02	CH-MW020-02	CH-MW024-02	CH-MW026-02	CH-MW037-02	CH-MW043-02
Sample Date		6/27/2017	6/26/2017	6/26/2017	6/22/2017	6/22/2017	6/27/2017
Parameter	Units						
Dissolved Oxygen	mg/L	0.03	0.34	0.84	1.02	0.07	1.01
Oxidation Reduction Potential	mV	-149.1	60.0	-44.2	113.6	-134.7	109.7
pH	pH	6.60	5.93	6.54	5.82	5.85	5.94
Specific Conductance	mS/cm	0.739	0.172	0.425	0.152	0.325	0.350
Temperature	deg C	13.70	19.01	16.09	23.87	17.49	17.52
Turbidity	NTU	8.3	1.26	1.4	3.8	-6.0	6.6
BOD 5	ug/L	15300	< 2000 U	5440	< 2000 U	< 2000 U	< 2000 U
Chemical oxygen demand	ug/L	55900	< 50000 U	35000 J	21000 J	25650 J	18700 J
Sulfide	ug/L	< 100 U	< 100 U	40 J	< 100 U	110	< 100 UJ
Total alkalinity	mg/L	299	31800	122000	50300	48500	49.5
Alkalinity, Phenolphthalein	mg/L	< 5.0 U	< 5000 U	< 5000 U	< 5000 U	< 5000 U	< 5.0 U
Total hardness (Dissolved) ¹	ug/L	256000	38700	109000	42200	75700	49600
Total hardness (Total)	ug/L	259000	35700	110000	41800	72900	51500
Total Organic Carbon	ug/L	13700	1300	7600	2900	7500	6300
Chloride	ug/L	36800	28900 J+	20100	11200	66500	59200
Nitrate ²	ug/L	< 500 U	480 J	< 500 U	R	R	380 J
Nitrite ²	ug/L	< 500 U	< 500 U	< 500 U	R	R	< 500 UJ
Sulphates	ug/L	4000 J	4800 J	5500	9400	12350	15500
Ethane	ug/L	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Ethene	ug/L	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Methane	ug/L	17000 J+	130	3400	< 6.0 U	275	41

Notes

¹ Dissolved Total Hardness taken from associated filtered sample (ending in Sample ID -02F)

² Samples qualified "R" did not meet the recommended method hold times for nitrate/nitrite. Non-detected values were qualified "R."

Acronyms and Abbreviations

< = Result not detected above the limit of detection

AST = aboveground storage tank

deg C = degrees Centigrade

DU = decision unit

ID = identification

J = The analyte was positively identified; the associated numerical value is an estimated quantity with an unknown bias

J+ = The result is an estimated quantity, but the result may be biased high

mg/L = milligrams per liter

MP = motor pool

mS/cm = millisiemens per centimeter

mV = millivolts

NTU = nephelometric turbidity unit

R = The result is rejected and not usable.

STB = suspected tank B

U = The analyte was not detected above the limit of detection.

UJ = The analyte was not detected above the reported limit of detection. However, the reported limit of detection is approximate and may or may not represent the actual limit of detection necessary to accurately and precisely measure the analyte in the sample.

ug/L = micrograms per liter

**Table 3-4
Surface Water Quality Field Data and Stream Characteristics
Camp Hero Remedial Investigation
Montauk, New York**

Location ID	SEA	Date of Data Collection	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	pH	Specific Conductance (mS/cm)	Temperature (°C)	Turbidity (NTU)	Revetments Present (Y/N)	Stream Width (in)	Water Depth (in)
CH-SWSD001	Background	06/08/17	4.59	230.1	5.33	0.218	14.75	1.8	N	74	2.5
CH-SWSD002	Background	06/08/17	5.45	257.4	4.78	0.209	15.20	78	N	74	2
CH-SWSD003	Background	06/08/17	4.76	274.6	4.72	0.202	14.37	2.4	N	41	2
CH-SWSD004	Background	06/09/17	7.66	117.2	6.85	0.189	13.51	0.5	N	104	2.5
CH-SWSD005	Background	06/09/17	7.61	106.3	6.78	0.187	13.64	0.1	N	46	4
CH-SWSD006	Background	06/09/17	7.59	88.7	6.80	0.188	13.57	0.5	N	45	3.5
CH-SWSD007	Background	06/09/17	7.63	67.7	7.04	0.189	13.73	0	N	52	3
CH-SWSD008	Background	06/09/17	3.17	136.1	5.04	0.160	18.92	4.0	N	20	2
CH-SWSD009	Background	06/09/17	3.44	31.8	5.41	0.202	17.65	4.3	N	10	4
CH-SWSD010	Background	06/09/17	4.01	196.8	4.38	0.316	17.80	8.0	N	12	3
CH-SWSD011	Background	06/10/17	4.92	269	4.15	0.155	20.32	1.0	N	36	1
CH-SWSD012	Background	06/10/17	5.46	280.5	4.09	0.154	18.67	0.9	N	50	4.5
CH-SWSD013	Background	06/10/17	5.90	277	4.22	0.151	18.42	1.9	N	62	4.5
CH-SWSD014	Background	06/09/17	6.27	118.8	5.55	0.399	16.87	7.4	N	36	3
CH-SWSD015	Background	06/09/17	6.45	146.6	5.38	0.402	17.69	8.6	N	48	4
CH-SWSD016	Background	06/08/17	7.19	266.6	4.78	0.223	13.98	0	Y	36	0.75
CH-SWSD017	Background	06/08/17	7.58	256.7	4.83	0.219	14.32	2	Y	34.5	3
CH-SWSD018	Background	06/08/17	7.14	223.4	4.84	0.215	13.87	0	Y	28	2
CH-SWSD019	Background	06/08/17	7.17	279.1	4.75	0.193	15.23	1.5	Y	36	3
CH-SWSD020	Background	06/08/17	7.18	266	4.78	0.191	15.32	0.6	Y	41	3
CH-SWSD021	Background	06/08/17	7.06	291.8	3.96	0.216	14.31	0.2	Y	42.5	4.5
CH-SWSD022	Background	06/08/17	7.47	316.7	3.48	0.271	13.09	2.9	Y	23	3
CH-SWSD023	Background	06/08/17	5.87	337.7	3.44	0.272	13.60	1.6	Y	29	1
CH-SWSD024	Background	06/10/17	6.47	143.7	6.37	0.196	17.78	1.8	Y	23.5	0.5
CH-SWSD025	Background	06/10/17	5.74	175.1	5.52	0.194	16.73	0.6	Y	14	1
CH-SWSD026	Background	06/10/17	5.50	201.8	5.17	0.193	17.05	0.9	Y	18	0.5
CH-SWSD027	Background	06/07/17	4.57	282	4.59	0.137	14.33	1.8	Y	31.5	1
CH-SWSD028	Background	06/07/17	4.16	224.8	4.78	0.133	14.31	0.9	Y	31	5
CH-SWSD029	Background	06/07/17	3.50	213.3	4.88	0.132	15.14	0.5	Y	30.5	5
CH-SWSD030	Background	06/07/17	3.03	198.6	5.15	0.133	16.38	0.3	Y	31.25	2
CH-SWSD031	SEA01	06/06/17	5.55	69	6.13	0.155	11.72	103.1	Y	18	1.5
CH-SWSD032	SEA01	06/06/17	6.15	137.1	6.28	0.153	11.72	13.8	Y	21	1
CH-SWSD033	SEA01	06/06/17	6.40	128	6.37	0.152	11.99	125.4	Y	48	1
CH-SWSD034	SEA01	06/06/17	6.24	142.4	6.45	0.154	11.95	7.3	Y	48	1
CH-SWSD035	SEA01	06/06/17	5.76	145.5	6.42	0.152	12.26	13.5	Y	32	1
CH-SWSD036	SEA01	06/06/17	3.89	77.7	6.29	0.160	12.32	1.6	Y	11	3.5
CH-SWSD037	SEA01	06/06/17	3.90	104.5	6.03	0.159	12.56	7.0	Y	28	2
CH-SWSD038	SEA01	06/06/17	3.82	109.6	6.04	0.159	12.57	1.5	Y	37	2.5

**Table 3-4
Surface Water Quality Field Data and Stream Characteristics
Camp Hero Remedial Investigation
Montauk, New York**

Location ID	SEA	Date of Data Collection	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	pH	Specific Conductance (mS/cm)	Temperature (°C)	Turbidity (NTU)	Revetments Present (Y/N)	Stream Width (in)	Water Depth (in)
CH-SWSD039	SEA01	06/06/17	3.65	115.8	6.05	0.157	12.55	2	Y	10	3
CH-SWSD040	SEA01	06/06/17	2.92	104.3	5.97	0.155	12.66	1.4	Y	18	2
CH-SWSD041	SEA01	06/06/17	2.58	89.9	5.94	0.155	12.74	1.0	Y	13.5	2
CH-SWSD042	SEA01	06/06/17	2.57	88.1	5.93	0.155	12.80	2.2	Y	17	1.5
CH-SWSD043	SEA01	06/06/17	2.58	104.2	5.93	0.155	12.83	1.6	Y	24	5
CH-SWSD044	SEA01	06/06/17	3.19	77.2	5.99	0.156	12.92	1.7	Y	21	5
CH-SWSD045	SEA01	06/06/17	3.44	89.1	5.96	0.155	12.85	2.7	Y	27	4
CH-SWSD046	SEA02	06/03/17	8.06	119.9	6.38	0.153	14.91	1.4	Y	96	3
CH-SWSD047	SEA02	06/03/17	7.71	124.7	6.30	0.137	15.70	8.7	Y	42	2
CH-SWSD048	SEA02	06/03/17	8.16	94.6	6.31	0.150	15.13	4.6	Y	31	4
CH-SWSD049	SEA02	06/03/17	7.60	102.9	6.23	0.145	14.97	5.0	Y	48	3
CH-SWSD050	SEA02	06/03/17	7.00	102.4	6.23	0.147	15.22	4.9	Y	24.5	4.5
CH-SWSD051	SEA02	06/03/17	7.22	45.3	6.25	0.146	15.15	4.9	Y	19.5	4
CH-SWSD052	SEA02	06/03/17	6.95	96.5	6.20	0.146	14.63	4.4	Y	23	5.5
CH-SWSD053	SEA02	06/03/17	6.39	100.4	6.30	0.148	14.96	4.9	Y	12	4
CH-SWSD054	SEA02	06/03/17	6.99	88.4	7.34	0.480	14.16	4.9	Y	17.5	3.5
CH-SWSD055	SEA02	06/03/17	6.88	76.4	7.48	0.148	14.40	5.3	Y	21	4.5
CH-SWSD056	SEA02	06/02/17	6.39	176.7	5.71	0.141	15.69	3.6	Y	64	8.5
CH-SWSD057	SEA02	06/02/17	7.41	174.8	5.76	0.141	15.78	5.1	Y	84	8
CH-SWSD058	SEA02	06/02/17	6.68	180.5	5.73	0.141	15.52	3.4	Y	62	8
CH-SWSD059	SEA02	06/02/17	7.29	184.1	5.74	0.138	16.01	4.5	Y	48	8.5
CH-SWSD060	SEA02	06/02/17	6.38	194.2	5.70	0.141	16.04	2.7	Y	48	6.5
CH-SWSD061	SEA02	06/02/17	7.13	199.5	5.71	0.139	16.83	9.9	Y	24	3.5
CH-SWSD062	SEA02	06/02/17	6.57	*	5.69	0.140	16.52	2.7	Y	19.5	5
CH-SWSD063	SEA02	06/02/17	7.53	*	5.76	0.139	16.81	4.8	Y	21	4.5
CH-SWSD064	SEA02	06/02/17	7.48	*	5.77	0.004	17.83	4.8	Y	79	3.5
CH-SWSD065	SEA02	06/02/17	8.03	*	5.63	0.142	17.92	4.7	Y	57	3.5
CH-SWSD066	SEA03	06/02/17	Dry	Dry	Dry	Dry	Dry	Dry	Y	Dry	0
CH-SWSD067	SEA03	06/02/17	5.60	163.3	5.45	0.180	14.28	56	Y	20	1
CH-SWSD068	SEA03	06/02/17	3.16	232.7	4.02	0.162	13.92	0.6	Y	17	2.5
CH-SWSD069	SEA03	06/02/17	4.13	265.2	3.94	0.163	14.01	2.7	Y	18	2.5
CH-SWSD070	SEA03	06/02/17	Dry	Dry	Dry	Dry	Dry	Dry	Y	Dry	0
CH-SWSD071	SEA03	06/02/17	Dry	Dry	Dry	Dry	Dry	Dry	N	Dry	0
CH-SWSD072	SEA03	06/02/17	6.56	291.7	3.75	0.175	14.81	11.4	N	41	1
CH-SWSD073	SEA03	06/02/17	6.04	307.2	3.48	0.176	15.02	7.7	N	42	1.25
CH-SWSD074	SEA03	06/02/17	7.34	314.1	3.66	0.177	17.29	18.2	N	46	0.75
CH-SWSD075	SEA03	06/02/17	7.14	319	3.64	0.175	16.62	3.3	N	54	1
CH-SWSD076	SEA03	06/02/17	8.63	310.5	3.75	0.171	17.77	3.0	N	76	1.25

**Table 3-4
Surface Water Quality Field Data and Stream Characteristics
Camp Hero Remedial Investigation
Montauk, New York**

Location ID	SEA	Date of Data Collection	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	pH	Specific Conductance (mS/cm)	Temperature (°C)	Turbidity (NTU)	Revetments Present (Y/N)	Stream Width (in)	Water Depth (in)
CH-SWSD077	SEA03	06/02/17	6.27	309.1	3.94	0.177	15.96	1.9	N	103	2
CH-SWSD078	SEA03	06/02/17	5.42	258.3	3.83	0.177	16.77	3.7	N	77	0.75
CH-SWSD079	SEA03	06/02/17	Dry	Dry	Dry	Dry	Dry	Dry	N	Dry	0
CH-SWSD080	SEA04	06/05/17	7.32	282.8	4.14	0.205	13.62	0.4	Y	43.5	3
CH-SWSD081	SEA04	06/05/17	7.33	283.2	4.14	0.205	13.64	3.1	Y	41	5
CH-SWSD082	SEA04	06/05/17	7.20	296.9	4.15	0.205	14.08	1.2	Y	43.5	3
CH-SWSD083	SEA04	06/05/17	7.30	284.3	4.14	0.205	13.82	1.2	Y	43	6
CH-SWSD084	SEA04	06/05/17	7.31	301.7	4.15	0.205	13.92	1.1	Y	34.5	3
CH-SWSD085	SEA04	06/05/17	7.40	308.8	4.23	0.198	13.63	5.5	Y	21	3
CH-SWSD086	SEA04	06/05/17	7.40	308.8	4.23	0.198	13.63	5.5	Y	23	3
CH-SWSD087	SEA04	06/05/17	7.40	308.8	4.23	0.198	13.63	5.2	Y	29	3
CH-SWSD088	SEA04	06/05/17	7.40	308.8	4.23	0.198	13.59	7.1	Y	36	3
CH-SWSD089	SEA04	06/05/17	7.29	304.5	4.27	0.195	13.94	1.8	Y	40	5.5
CH-SWSD090	SEA04	06/05/17	6.96	306.4	4.27	0.194	13.82	1.6	Y	40	4
CH-SWSD091	SEA04	06/05/17	7.11	308.8	4.27	0.194	13.71	1.8	Y	37	8
CH-SWSD092	SEA04	06/05/17	7.81	311.2	4.25	0.194	13.82	4.8	Y	39	7.5
CH-SWSD093	SEA04	06/05/17	7.50	315	4.27	0.193	14.23	4.2	Y	37.5	2.5
CH-SWSD094	SEA04	06/05/17	7.57	309.1	4.27	0.194	14.31	5.2	Y	38	1.5
CH-SWSD095	SEA04	06/05/17	7.66	283	4.28	0.192	13.98	4.4	Y	38	1.5
CH-SWSD096	SEA05	06/08/17	Dry	Dry	Dry	Dry	Dry	Dry	Y	Dry	0
CH-SWSD097	SEA05	06/08/17	Dry	Dry	Dry	Dry	Dry	Dry	Y	Dry	0
CH-SWSD098	SEA05	06/07/17	3.57	79.3	5.96	0.155	15.22	66.1	Y	48	0.5
CH-SWSD099	SEA05	06/07/17	4.23	158.9	5.84	0.163	14.04	7.2	Y	55	1.5
CH-SWSD100	SEA05	06/07/17	4.98	194.1	5.92	0.156	14.98	2.2	Y	32	1
CH-SWSD101	SEA05	06/01/17	4.65	*	6.46	0.163	19.65	8.3	Y	46	1
CH-SWSD102	SEA05	06/01/17	3.97	*	6.41	0.163	19.41	6.2	Y	64	2
CH-SWSD103	SEA05	06/01/17	4.55	*	6.34	0.159	19.94	7.8	Y	49	2
CH-SWSD104	SEA05	06/01/17	7.06	*	6.33	0.152	18.69	6.5	N	46	2
CH-SWSD105	SEA05	06/01/17	6.91	*	6.52	0.154	18.52	5.9	N	101	0.75
CH-SWSD106	SEA05	06/01/17	4.87	*	6.23	0.149	18.06	3.9	Y	84	5.5
CH-SWSD107	SEA05	06/01/17	4.98	*	6.26	0.151	17.34	3.8	Y	72	3.75
CH-SWSD108	SEA05	06/01/17	4.08	*	6.26	0.155	17.70	5.9	Y	81	2
CH-SWSD109	SEA05	06/01/17	5.67	*	6.34	0.151	16.08	12.2	Y	120	1.5
CH-SWSD110	SEA05	06/01/17	4.84	*	6.31	0.159	16.13	8.1	Y	122	1.2
CH-SWSD111	SEA06	06/10/17	Dry	Dry	Dry	Dry	Dry	Dry	N	Dry	0
CH-SWSD112	SEA06	06/06/17	3.56	79	6.04	0.159	12.93	8.5	N	25	1
CH-SWSD113	SEA06	06/03/17	5.80	185	5.98	0.146	14.96	6.3	N	16	3
CH-SWSD114	SEA06	06/03/17	5.13	190.9	5.95	0.145	14.61	10.1	N	52	3

**Table 3-4
Surface Water Quality Field Data and Stream Characteristics
Camp Hero Remedial Investigation
Montauk, New York**

Location ID	SEA	Date of Data Collection	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	pH	Specific Conductance (mS/cm)	Temperature (°C)	Turbidity (NTU)	Revetments Present (Y/N)	Stream Width (in)	Water Depth (in)
CH-SWSD115	SEA06	06/03/17	6.36	199.5	6.13	0.145	14.33	17.9	N	78	3.5
CH-SWSD116	SEA06	06/03/17	4.13	208.1	6.67	0.283	16.33	40.6	N	14	0.5
CH-SWSD117	SEA06	06/03/17	3.36	77.6	6.34	0.162	15.06	21.6	N	12	1
CH-SWSD118	SEA06	06/03/17	6.51	185.6	6.38	0.145	15.17	64.5	N	32	1
CH-SWSD119	SEA06	06/03/17	8.26	192.6	6.23	0.143	14.68	4.0	N	32	3
CH-SWSD120	SEA06	06/03/17	6.97	224.6	6.20	0.143	14.19	3.6	N	65	2
CH-SWSD121	SEA06	06/03/17	7.82	190.2	6.51	0.158	13.95	2.5	N	65	3.5
CH-SWSD122	SEA06	06/03/17	7.25	160.2	6.52	0.156	13.38	5.5	N	22	1.75
CH-SWSD123	SEA06	06/03/17	7.18	143.1	6.50	0.155	13.68	5.3	N	18	2.5
CH-SWSD124	SEA06	06/03/17	7.49	172.6	6.52	0.154	13.53	5.4	N	46	4
CH-SWSD125	SEA06	06/03/17	8.45	187.7	6.70	0.154	13.91	3.4	N	15	2.5
CH-SWSD126	SEA07	06/07/17	3.53	226.5	3.77	0.193	15.47	0.1	Y	22	1
CH-SWSD127	SEA07	06/07/17	3.88	251.9	3.68	0.205	15.21	0.9	Y	19.75	1.5
CH-SWSD128	SEA07	06/07/17	4.04	240.4	3.65	0.214	14.30	0.6	Y	25.5	1.75
CH-SWSD129	SEA07	06/07/17	3.95	270.2	3.62	0.213	14.50	2	Y	24.5	3
CH-SWSD130	SEA07	06/07/17	3.19	248.2	3.61	0.207	13.56	1.0	Y	24.5	3
CH-SWSD131	SEA07	06/07/17	2.79	247.8	3.62	0.205	13.53	0.9	Y	24.5	4
CH-SWSD132	SEA07	06/07/17	3.13	254.4	3.61	0.205	13.16	1.0	Y	25.5	4
CH-SWSD133	SEA07	06/07/17	4.55	280.5	3.60	0.205	13.01	0.5	Y	26.5	2.75
CH-SWSD134	SEA07	06/07/17	2.72	226.1	3.60	0.200	13.21	0.7	Y	25.5	5
CH-SWSD135	SEA07	06/07/17	2.44	242.3	3.60	0.199	13.24	1.4	Y	25	5
CH-SWSD136	SEA07	06/07/17	6.86	239.8	3.60	0.200	12.71	2.4	Y	25	7.75
CH-SWSD137	SEA07	06/07/17	1.80	17.7	3.61	0.199	12.83	1.3	Y	25.5	9.5
CH-SWSD138	SEA07	06/07/17	1.74	211.9	3.62	0.200	12.63	1.1	Y	25	10
CH-SWSD139	SEA07	06/07/17	2.25	212.6	3.62	0.194	12.63	0.4	Y	25.5	7
CH-SWSD140	SEA07	06/07/17	2.41	256.9	3.64	0.192	12.53	0.9	Y	24	5.5
CH-SWSD141	SEA08	06/09/17	8.07	100.8	6.43	0.173	16.52	1.5	Y	46	4.5
CH-SWSD142	SEA08	06/09/17	8.15	109.7	6.41	0.173	16.96	0.2	Y	48	4.5
CH-SWSD143	SEA08	06/09/17	8.09	111.2	6.41	0.173	16.02	0.1	Y	49	2.5
CH-SWSD144	SEA08	06/09/17	8.06	112.9	6.30	0.173	16.30	0.6	Y	46.6	6.5
CH-SWSD145	SEA08	06/09/17	8.15	109.8	6.38	0.172	15.68	0.6	Y	45	6
CH-SWSD146	SEA08	06/10/17	7.96	107.7	6.40	0.173	16.46	0.7	N	52	12
CH-SWSD147	SEA08	06/09/17	7.95	111.1	6.33	0.174	16.57	0.7	N	56	6.5
CH-SWSD148	SEA08	06/09/17	7.80	111.8	6.31	0.174	17.37	0.7	N	56	7
CH-SWSD149	SEA08	06/09/17	7.66	125.7	6.28	0.176	19.55	2.4	N	102	8
CH-SWSD150	SEA08	06/09/17	3.97	74.9	6.46	0.197	19.58	1.2	N	NA - Pond	3.5
CH-SWSD151	SEA08	06/09/17	2.96	187.1	5.18	0.138	21.86	17.2	N	NA - Pond	2
CH-SWSD152	SEA08	06/09/17	3.89	215.5	5.53	0.266	22.96	2	N	NA - Pond	4

Table 3-4
Surface Water Quality Field Data and Stream Characteristics
Camp Hero Remedial Investigation
Montauk, New York

Location ID	SEA	Date of Data Collection	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	pH	Specific Conductance (mS/cm)	Temperature (°C)	Turbidity (NTU)	Revetments Present (Y/N)	Stream Width (in)	Water Depth (in)
CH-SWSD153	SEA08	06/09/17	3.17	54.5	6.15	0.204	24.48	62.8	N	NA - Pond	2
CH-SWSD154	SEA08	06/09/17	3.81	136.1	6.15	0.189	20.76	4.8	N	NA - Pond	2.5
CH-SWSD155	SEA08	06/09/17	2.39	27.3	6.36	0.207	16.62	88.8	N	NA - Pond	3

Notes

* = ORP data could not be collected due to error message on water quality meter

Acronyms and Abbreviations

°C = degrees Centigrade

ID = identification

in = inches

mg/L = milligrams per liter

mS/cm = millisiemens per centimeter

mV = millivolts

N = no

NA = Not Applicable

NTU = nephelometric turbidity unit

ORP = oxidation reduction potential

SEA = stream exposure area

Y = yes

**Table 3-5
Ecological Setting of Decision Units
Camp Hero Remedial Investigation
Montauk, New York**

DU	DU Name	Incl. Former AOCs	Associated SEA	Terrestrial Habitat ¹	Aquatic Resources in Vicinity ²	Wetlands Observed During Delineation ³
DU01	Former Building 203 Area	Building 203	None	Successional field with scattered shrub thickets dominated by <i>Elaeagnus umbellata</i> , <i>Schizachyrium scoparium</i> , <i>Panicum virgatum</i> , and <i>Euthamia graminifolia</i> . Also <i>Rosa multiflora</i> , <i>Vaccinium corymbosum</i> , and <i>Lonicera japonica</i> present. <i>Viburnum dentatum</i> var. <i>venosum</i> detected within the DU boundary.	General drainage to west and northwest. Palustrine forested wetland located downgradient to the southwest.	No Wetland Conditions Observed within DU boundary.
DU02	H-2 Drum Area	Drum Location (H-2)	SEA06	Mesic open thicket with shrubby thicket to the east, wet woods to the west, and <i>Phragmites australis</i> ssp. <i>australis</i> wetland to the north. Dominant species include <i>Acer rubrum</i> , <i>Lonicera morrowii</i> , <i>Rubus phoenicolasius</i> , <i>Lonicera japonica</i> , <i>Vitis</i> sp., <i>Euthamia graminifolia</i> , and <i>Solanum carolinense</i> . No T&E plant species detected within 50'.	General drainage to west into wet woods. Palustrine forested wetland located downgradient to the southwest.	Wetland Conditions Observed within State Mapped Wetland Boundary (Class 2) throughout 100% of DU.
DU03	H-1 Drum Area	Drum Location (H-1)	SEA06	Mesic-moist semi-open woods and thickets dominated by <i>Acer rubrum</i> , <i>Ligustrum</i> sp., <i>Ilex opaca</i> , <i>Kalmia latifolia</i> , <i>Vaccinium corymbosum</i> , <i>Alnus</i> (<i>serrulata</i> ?), <i>Phragmites australis</i> ssp. <i>australis</i> , and <i>Osmunda cinnamomea</i> . There are also some <i>Platanus x hispanica</i> present, probably relictal ornamental plantings. <i>Viburnum dentatum</i> var. <i>venosum</i> detected within the DU boundary.	General drainage to southeast. Palustrine forested wetland located downgradient to the southeast.	Wetland Conditions Observed throughout approx. 90% of DU.
DU04	H-18 Former Drum Area	Drum Location (H-18)	None	Mixed hardwood forest dominated by <i>Quercus</i> sp., <i>Acer platanoides</i> and <i>Tilia americana</i> . No shrub layer, <i>Alliaria petiolata</i> in herbaceous layer. No T&E plant species detected within 50'.	Situated on small knoll, general drainage to possible palustrine forested wetland located downgradient to the west-northwest.	No Wetland Conditions Observed within DU boundary.
DU05	WDS Cesspool Area	WDS SB25 - SB27 Cesspools	SEA05	Traverses along mixed hardwood forest; some areas wet, some areas mesic on upper banks. Dominated by <i>Quercus</i> sp., <i>Betula</i> sp., <i>Acer rubrum</i> , <i>Tilia americana</i> , <i>Acer platanoides</i> , <i>Ligustrum</i> sp., <i>Hamamelis virginiana</i> , <i>Ilex opaca</i> , <i>Berberis thunbergii</i> , <i>Lonicera japonica</i> , <i>Smilax rotundifolia</i> , <i>Celastrus orbiculatus</i> , <i>Vitis</i> sp., <i>Symplocarpus foetidus</i> , and <i>Euthamia graminifolia</i> . Also relictal cultivated <i>Plantanus x hispanica</i> along roadside. <i>Viburnum dentatum</i> var. <i>venosum</i> detected within the DU boundary.	Sewer line skirts edge of low <i>Acer rubrum</i> dominated wet woods to the east.	Wetland Conditions Observed throughout approx. 40% of DU.
DU06	Former Power Plant Area	Former Power Plant (H-11), Former Sewage Ejector Station (H-12), WDS SB23 - SB24 Tile Field	SEA05	Mowed weedy turf adjacent moist woods. Dominant species include <i>Acer rubrum</i> , <i>Betula</i> sp., <i>Ligustrum</i> sp., <i>Elaeagnus umbellata</i> , <i>Rubus</i> sp., and <i>Phragmites australis</i> ssp. <i>australis</i> . Turf areas dominated by <i>Poaceae</i> , <i>Plantago</i> sp., <i>Trifolium repens</i> , and <i>Taraxacum officinale</i> . No T&E plant species detected within 50'.	General drainage to west into <i>Acer rubrum</i> dominated wet woods.	Wetland Conditions observed through minimal portion of DU along southern border.

**Table 3-5
Ecological Setting of Decision Units
Camp Hero Remedial Investigation
Montauk, New York**

DU	DU Name	Incl. Former AOCs	Associated SEA	Terrestrial Habitat ¹	Aquatic Resources in Vicinity ²	Wetlands Observed During Delineation ³
DU07	H-19, H-20 AST/Drum Area	Former AST (H-19), Drum Location (H-20), Possible Boiler (H-9)	SEA01	Mixed hardwood forest dominated by <i>Quercus</i> sp., <i>Fagus grandifolia</i> , and <i>Acer rubrum</i> . Understory dominated by <i>Lindera benzoin</i> , <i>Ligustrum</i> sp., <i>Ilex opaca</i> , and <i>Amelanchier canadensis</i> . No T&E plant species detected within 50'.	In revetment which flows to southeast.	Wetland Conditions Observed within State Mapped Wetland Boundary (Class 1). Additional wetland conditions outside state-mapped boundary observed. Wetlands cover approx. 30% of DU.
DU08 (SEA08 only)	WDS Chlorine Contact Chamber Area	WDS SB01 - SB03 Chlorine Contact Chamber	SEA08	Survey completed as Sitwide Waste Disposal System (Line F). Southeastern section of Line F transitions into a <i>Vaccinium corymbosum</i> dominated shrub swamp. The final section just west of the Chlorine Contact Chamber (CCC) is a more open marsh dominated in part by <i>Phragmites australis</i> ssp. <i>australis</i> . Around the CCC proper is a <i>Elaeagnus umbellata</i> and <i>Lonicera morrowii</i> dominated shrub habitat. <i>Viburnum dentatum</i> var. <i>venosum</i> possibly within 50' of the CCC along road.	General drainage follows south-southeast flowing stream with terminus in Atlantic Ocean. All nearby palustrine forested wetlands are upslope.	Wetland Conditions Observed within State Mapped Wetland Boundary (Class 1). Additional wetland conditions outside state-mapped boundary observed. Wetlands cover approx. 90% of DU (all except fill around chlorine contact chamber).
DU09	H-15 Coal Storage Area	Former Coal Storage (H-15)	None	Successional shrub thickets with scattered young trees. Dominated by <i>Quercus</i> sp., <i>Prunus serotina</i> , <i>Amelanchier canadensis</i> , <i>Morella pensylvanica</i> , <i>Vaccinium corymbosum</i> <i>Viburnum dentatum</i> var. <i>venosum</i> , <i>Ligustrum</i> sp., <i>Ilex opaca</i> , <i>Lonicera morrowii</i> , <i>Smilax rotundifolia</i> , <i>Lonicera japonica</i> , <i>Celastrus orbiculatus</i> , and <i>Vitis</i> sp. Dominant herbs include <i>Euthamia graminifolia</i> , <i>Alliaria petiolata</i> , and <i>Panicum virgatum</i> .	General drainage to northeast and west-northwest.	No Wetland Conditions Observed within DU boundary.
DU10	H-5 Drum/Debris Area	Drum Location with Construction Debris (H-5)	SEA03	Disturbed semi-open woods with turf to the north and wet woods/swale to south. Dominant woody species include <i>Acer rubrum</i> , <i>Fagus</i> (relictal planted <i>F. sylvatica</i> ?), <i>Quercus alba</i> , <i>Ilex opaca</i> , <i>Smilax rotundifolia</i> ; with <i>Alliaria petiolata</i> in the herb layer. No T&E plant species detected within 50'.	General drainage to west, south and southeast leading to northeast flowing streamlet.	No Wetland Conditions Observed within DU boundary.
DU11	H-16 Sewage, WDS Septic Area	Former Building 34, Former Sewage Treatment Area (H-16), Motor Pool - Drain (SB02) and Cesspool (SB03)	SEA03	Mixed hardwood forest and thickets dominated by <i>Quercus</i> sp., <i>Acer rubrum</i> , <i>Sassafras albidum</i> , <i>Prunus serotina</i> , <i>Tilia americana</i> , <i>Rosa multiflora</i> , <i>Ilex opaca</i> , <i>Lonicera morrowii</i> , <i>Rubus</i> sp., <i>Celastrus orbiculatus</i> , and <i>Salix</i> (Section <i>Cinerella</i>). Herbaceous layer dominated by <i>Alliaria petiolata</i> , <i>Panicum virgatum</i> , and <i>Euthamia graminifolia</i> . Wet woods to the south and east dominated by <i>Acer rubrum</i> and <i>Ilex opaca</i> , road to the north. <i>Viburnum dentatum</i> var. <i>venosum</i> in area.	General drainage to west-southwest and east-northeast. Drainage west into a possible closed basin; an underground culvert leading to stream to northeast. The stream flows southeast.	Wetland Conditions Observed throughout approx. 10% of DU.

**Table 3-5
Ecological Setting of Decision Units
Camp Hero Remedial Investigation
Montauk, New York**

DU	DU Name	Incl. Former AOCs	Associated SEA	Terrestrial Habitat ¹	Aquatic Resources in Vicinity ²	Wetlands Observed During Delineation ³
DU12	WDS Manhole Area 1	WDS SB08 - SB09 Box and Manhole	SEA02	Habitat survey completed as Abandoned Waste Disposal Systems (Sewer Line E). General habitat traverses along roadside of weedy, mowed turf and adjacent to mixed hardwood forest. Small sections also adjacent to marshalling/storage yards. Dominant species include <i>Quercus</i> sp., <i>Acer platanoides</i> , <i>Tilia americana</i> , <i>Ilex opaca</i> , <i>Rosa multiflora</i> , <i>Clethra alnifolia</i> , <i>Vaccinium corymbosum</i> , <i>Lonicera japonica</i> , <i>Smilax rotundifolia</i> , <i>Artemisia vulgaris</i> , and <i>Panicum virgatum</i> . Scattered <i>Viburnum dentatum</i> var. <i>venosum</i> within DU along the sewer line associated with the sitewide WDS.	Bulk of DU on relatively flat area. Drainage to the southwest.	No Wetland Conditions Observed within DU boundary.
DU13	H-14 Coal Storage Area	Former Coal Storage (H-14)	SEA04	Turf and successional shrub thickets with scattered young trees. Thickets dominated by <i>Quercus</i> sp., <i>Prunus serotina</i> , <i>Acer rubrum</i> , <i>Carya tomentosa</i> , <i>Lonicera morrowii</i> , <i>Kalmia latifolia</i> , <i>Hamamelis virginiana</i> , <i>Lonicera japonica</i> , <i>Smilax rotundifolia</i> , <i>Vitis</i> sp., and <i>Viburnum dentatum</i> var. <i>venosum</i> . Dominant herbs in the turf and thicket margins include <i>Plantago lanceolata</i> , <i>Trifolium repens</i> , <i>Panicum virgatum</i> , and <i>Schizachyrium scoparium</i> .	General drainage to east leading to stream located downgradient to the east; stream flowing south-southeast.	No Wetland Conditions Observed within DU boundary.
DU14	WDS Septic Tank Area	WDS SB06 - SB07 Suspected Septic Tank	SEA04	Habitat survey completed as Abandoned Waste Disposal Systems (Sewer Line E). Along the roadside, the general habitat is weedy, mowed turf; the majority of the DU is mixed hardwood forest. Dominant species include <i>Quercus</i> sp., <i>Acer platanoides</i> , <i>Tilia americana</i> , <i>Ilex opaca</i> , <i>Rosa multiflora</i> , <i>Clethra alnifolia</i> , <i>Vaccinium corymbosum</i> , <i>Lonicera japonica</i> , <i>Smilax rotundifolia</i> , <i>Artemisia vulgaris</i> , and <i>Panicum virgatum</i> . Scattered <i>Viburnum dentatum</i> var. <i>venosum</i> along roadway within 50' of sewer line.	Drainage to the east into south-flowing stream.	No Wetland Conditions Observed within DU boundary.
DU15	H-6 Debris Area	Construction Debris Area (H-6)	SEA07	Wooded wetlands and mixed hardwood forest dominated by <i>Quercus</i> sp., <i>Sassafras albidum</i> , <i>Acer rubrum</i> , <i>Betula</i> sp., <i>Ligustrum</i> sp., <i>Rubus</i> sp., <i>Lonicera morrowii</i> , <i>Berberis thunbergii</i> , <i>Ilex opaca</i> , <i>Prunus serotina</i> , <i>Clethra alnifolia</i> , <i>Lonicera japonica</i> , <i>Smilax rotundifolia</i> , <i>Celastrus orbiculatus</i> , and <i>Vitis</i> sp. No T&E plant species detected within 50'.	Drainage to west and south into mixed hardwood forest.	Wetland Conditions Observed within State Mapped Wetland Boundary (Class 1). Additional wetland conditions extended north of mapped wetlands. Wetland conditions cover 50% of the DU.

**Table 3-5
Ecological Setting of Decision Units
Camp Hero Remedial Investigation
Montauk, New York**

DU	DU Name	Incl. Former AOCs	Associated SEA	Terrestrial Habitat ¹	Aquatic Resources in Vicinity ²	Wetlands Observed During Delineation ³
DU16	WDS Manhole Area 2	WDS SB13	None	Habitat survey completed as Abandoned Waste Disposal Systems (Sewer Line E). Along the roadside, the general habitat is weedy, mowed turf; the majority of the DU is mixed hardwood forest. Dominant species include <i>Quercus</i> sp., <i>Acer platanoides</i> , <i>Tilia americana</i> , <i>Ilex opaca</i> , <i>Rosa multiflora</i> , <i>Clethra alnifolia</i> , <i>Vaccinium corymbosum</i> , <i>Lonicera japonica</i> , <i>Smilax rotundifolia</i> , <i>Artemisia vulgaris</i> , and <i>Panicum virgatum</i> . Scattered <i>Viburnum dentatum</i> var. <i>venosum</i> along route within 50' of sewer line.	Bulk of DU on relatively flat area, drainage not apparent.	Wetland conditions observed within approx. 20% of the DU.
DU17	H-4 Debris Area	Construction Debris Area (H-4)	SEA02	Mixed hardwood forest dominated by <i>Quercus</i> sp., <i>Acer rubrum</i> , <i>Sassafras albidum</i> , <i>Carya tomentosa</i> , and <i>Prunus serotina</i> . Shrub layer dominated by <i>Ilex opaca</i> , <i>Vaccinium corymbosum</i> , <i>Lonicera morrowii</i> , <i>Elaeagnus umbellata</i> , <i>Celastrus orbiculatus</i> , <i>Lonicera japonica</i> , <i>Smilax rotundifolia</i> , <i>Vitis</i> sp., and <i>Hamamelis virginiana</i> . <i>Dennstaedtia punctilobula</i> and <i>Phragmites australis</i> ssp. <i>australis</i> dominated the herbaceous layer. No T&E plant species detected within 50'.	General drainage to northeast through mixed hardwood forest.	Wetland conditions observed within approx. 30% of the DU.
DU18	H-3 Drum Area	Drum Site (H-3)	SEA01	Mixed hardwood forest dominated by <i>Quercus</i> sp., <i>Sassafras albidum</i> , <i>Carya tomentosa</i> , <i>Kalmia latifolia</i> , <i>Ilex opaca</i> , <i>Hamamelis virginiana</i> , <i>Vaccinium corymbosum</i> , <i>Amelanchier canadensis</i> , and <i>Smilax rotundifolia</i> . No T&E plant species detected within 50'.	General drainage to south into an southeast-flowing revetment.	No Wetland Conditions Observed (although state mapped wetlands are shown on NYSDEC maps).

Notes

¹ Terrestrial habitat surveys completed by AOCs during the Phase II field investigation.

² Stream exposure areas in the vicinity of DUs will be evaluated as separate units. Aquatic resources evaluated by AOC during the Phase II field investigation

³ Wetlands delineation completed by DU during the Phase III field investigation.

T&E are species listed in red

Acronyms and Abbreviations

' = feet

% = percent

amsl = above mean sea level

AOC = area of concern

CCC = Chlorine Contact Chamber

DU = decision unit

ID = identification

NYSDEC = New York State Department of Environmental Conservation

SEA = stream exposure area

T&E = threatened and endangered

WDS = waste disposal system

**Table 4-1
 Building 203 (DU01) LNAPL Bail-down Test Results
 Camp Hero Remedial Investigation
 Montauk, New York**

Well ID	Test Date	Initial LNAPL Thickness (ft)	LNAPL Thickness after 20 hours (ft)	Test Duration (hrs)	Final LNAPL Thickness (ft)	LNAPL Transmissivity (ft ² /day)		
						Bouwer & Rice	Cooper & Jacob	Average
CH-MW017	12/11/2016	1.98	1.57	111	2.81	0.05	0.05	0.05
PZ-3	12/11/2016	8.81	0.2	111	0.18	0.01	0.03	0.02

Acronyms and Abbreviations

DU = decision unit

ft = feet

ft² = square feet

hrs = hours

ID = identification

LNAPL = light non-aqueous phase liquid

mV = millivolts

This page intentionally left blank.

**Table 4-2
Summary Statistics for PAHs
Camp Hero Remedial Investigation
Montauk, New York**

Chemical	Units	FOD	Minimum Reporting Limit	Maximum Reporting Limit	Minimum Detected Concentration	Mean Detected Concentration	Maximum Detected Concentration	Location(s) of Max Detected
Surface Soil								
DU11								
1-Methylnaphthalene	mg/kg	16:16	--	--	0.001 J	0.72	11	DU11-S003 (0 - 1 ft)
2-Methylnaphthalene	mg/kg	16:16	--	--	0.0011 J	0.79	12	DU11-S003 (0 - 1 ft)
Acenaphthene	mg/kg	16:16	--	--	0.0035	3.9	61	DU11-S003 (0 - 1 ft)
Acenaphthylene	mg/kg	16:16	--	--	0.001 J	0.24	2	DU11-S003 (0 - 1 ft)
Anthracene	mg/kg	16:16	--	--	0.006	12	190	DU11-S003 (0 - 1 ft)
Benzo(a)anthracene	mg/kg	16:16	--	--	0.031	15	230	DU11-S003 (0 - 1 ft)
Benzo(a)pyrene	mg/kg	16:16	--	--	0.031	12	180	DU11-S003 (0 - 1 ft)
Benzo(b)fluoranthene	mg/kg	16:16	--	--	0.072	14	210	DU11-S003 (0 - 1 ft)
Benzo(g,h,i)perylene	mg/kg	16:16	--	--	0.0078	5	77	DU11-S003 (0 - 1 ft)
Benzo(k)fluoranthene	mg/kg	16:16	--	--	0.024	5.2	80	DU11-S003 (0 - 1 ft)
Chrysene	mg/kg	16:16	--	--	0.037	13	210	DU11-S003 (0 - 1 ft)
Dibenz(a,h)anthracene	mg/kg	16:16	--	--	0.0032	1.7	27	DU11-S003 (0 - 1 ft)
Fluoranthene	mg/kg	16:16	--	--	0.066	41	650	DU11-S003 (0 - 1 ft)
Fluorene	mg/kg	16:16	--	--	0.0027	4.9	78	DU11-S003 (0 - 1 ft)
Indeno(1,2,3-cd)pyrene	mg/kg	16:16	--	--	0.0097	5.4	83	DU11-S003 (0 - 1 ft)
Naphthalene	mg/kg	16:16	--	--	0.0014 J	1.2	19	DU11-S003 (0 - 1 ft)
Phenanthrene	mg/kg	16:16	--	--	0.035	34	530	DU11-S003 (0 - 1 ft)
Pyrene	mg/kg	16:16	--	--	0.072	29	450	DU11-S003 (0 - 1 ft)
Total BaP PAHs Calculated	mg/kg	16:16	--	--	0.046	17	260	DU11-S003 (0 - 1 ft)
Total HMW PAHs Calculated	mg/kg	16:16	--	--	0.3	96	1500	DU11-S003 (0 - 1 ft)
Total LMW PAHs Calculated	mg/kg	16:16	--	--	0.12	100	1600	DU11-S003 (0 - 1 ft)
Total PAHs Calculated	mg/kg	16:16	--	--	0.42	200	3100	DU11-S003 (0 - 1 ft)
DU12								
1-Methylnaphthalene	mg/kg	16:16	--	--	0.0077	2	11	DU12-S001 (0 - 1 ft)
2-Methylnaphthalene	mg/kg	16:16	--	--	0.01	2.8	16	DU12-S001 (0 - 1 ft)
Acenaphthene	mg/kg	16:16	--	--	0.0032	11	56	DU12-S008 (0 - 1 ft)
Acenaphthylene	mg/kg	16:16	--	--	0.0011 J	0.97	5.7	DU12-S001 (0 - 1 ft)
Anthracene	mg/kg	16:16	--	--	0.01	29	140	DU12-S001 (0 - 1 ft)
Benzo(a)anthracene	mg/kg	16:16	--	--	0.038	41	180	DU12-S001 (0 - 1 ft)
Benzo(a)pyrene	mg/kg	16:16	--	--	0.043	34	150	DU12-S001 (0 - 1 ft)
Benzo(b)fluoranthene	mg/kg	16:16	--	--	0.082	46	200	DU12-S001 (0 - 1 ft)
Benzo(g,h,i)perylene	mg/kg	16:16	--	--	0.016	17	74	DU12-S001 (0 - 1 ft)
Benzo(k)fluoranthene	mg/kg	16:16	--	--	0.031	18	90	DU12-S001 (0 - 1 ft)
Chrysene	mg/kg	16:16	--	--	0.043	35	150	DU12-S001 (0 - 1 ft)
Dibenz(a,h)anthracene	mg/kg	16:16	--	--	0.0057	5.8	25	DU12-S001 (0 - 1 ft)
Fluoranthene	mg/kg	16:16	--	--	0.072	96	400	DU12-S008 (0 - 1 ft)
Fluorene	mg/kg	16:16	--	--	0.0049	15	81	DU12-S008 (0 - 1 ft)
Indeno(1,2,3-cd)pyrene	mg/kg	16:16	--	--	0.017	18	75	DU12-S001 (0 - 1 ft)
Naphthalene	mg/kg	16:16	--	--	0.0085	5.1	34	DU12-S008 (0 - 1 ft)
Phenanthrene	mg/kg	16:16	--	--	0.042	82	420	DU12-S008 (0 - 1 ft)
Pyrene	mg/kg	16:16	--	--	0.068	75	320	DU12-S008 (0 - 1 ft)
Total BaP PAHs Calculated	mg/kg	16:16	--	--	0.063	50	220	DU12-S001 (0 - 1 ft)
Total HMW PAHs Calculated	mg/kg	16:16	--	--	0.34	300	1300	DU12-S001 (0 - 1 ft)
Total LMW PAHs Calculated	mg/kg	16:16	--	--	0.16	240	1100	DU12-S008 (0 - 1 ft)
Total PAHs Calculated	mg/kg	16:16	--	--	0.51	530	2300	DU12-S001 (0 - 1 ft) DU12-S008 (0 - 1 ft)
Sediment								
SEA03								
1-Methylnaphthalene	mg/kg	6:14	0.0029	0.16	0.0036 J	0.055	0.17	CH-SWSD071 (0 - 0.5 ft) CH-SWSD071 (0 - 0.5 ft)
2-Methylnaphthalene	mg/kg	10:14	0.0062	0.16	0.0016 J	0.053	0.2 J	CH-SWSD070 (0 - 0.5 ft) CH-SWSD066 (0 - 0.5 ft)
Acenaphthene	mg/kg	11:14	0.0029	0.0062	0.007	0.068	0.13 J	CH-SWSD070 (0 - 0.5 ft)
Acenaphthylene	mg/kg	11:14	0.0029	0.0062	0.0021 J	0.36	1.6	CH-SWSD066 (0 - 0.5 ft)
Anthracene	mg/kg	14:14	--	--	0.0037 J	0.36	1.6	CH-SWSD066 (0 - 0.5 ft)
Benzo(a)anthracene	mg/kg	14:14	--	--	0.0066 J	1.5	8.3	CH-SWSD066 (0 - 0.5 ft)
Benzo(a)pyrene	mg/kg	14:14	--	--	0.0078 J	1	5	CH-SWSD066 (0 - 0.5 ft)
Benzo(b)fluoranthene	mg/kg	14:14	--	--	0.014 J	2.3	10	CH-SWSD066 (0 - 0.5 ft)
Benzo(g,h,i)perylene	mg/kg	13:14	0.0062	0.0062	0.0026 J	0.7	2.9	CH-SWSD066 (0 - 0.5 ft)
Benzo(k)fluoranthene	mg/kg	14:14	--	--	0.0049 J	1	4.7	CH-SWSD066 (0 - 0.5 ft)
Chrysene	mg/kg	14:14	--	--	0.0087 J	1.7	8.3	CH-SWSD066 (0 - 0.5 ft)
Dibenz(a,h)anthracene	mg/kg	11:14	0.0029	0.0062	0.0027 J	0.29	1	CH-SWSD066 (0 - 0.5 ft)
Fluoranthene	mg/kg	14:14	--	--	0.015 J	2.6	9.4	CH-SWSD066 (0 - 0.5 ft)
Fluorene	mg/kg	13:14	0.0051	0.0051	0.0055	0.056	0.14 J	CH-SWSD070 (0 - 0.5 ft)
Indeno(1,2,3-cd)pyrene	mg/kg	13:14	0.0062	0.0062	0.003 J	0.74	3.1	CH-SWSD066 (0 - 0.5 ft)
Naphthalene	mg/kg	12:14	0.0062	0.16	0.0029 J	0.071	0.22 J	CH-SWSD069 (0 - 0.5 ft)
Phenanthrene	mg/kg	14:14	--	--	0.0078 J	0.38	1.2	CH-SWSD071 (0 - 0.5 ft)
Pyrene	mg/kg	14:14	--	--	0.013 J	2.8	14	CH-SWSD066 (0 - 0.5 ft)
Total HMW PAHs Calculated	mg/kg	14:14	--	--	0.071	12	57	CH-SWSD066 (0 - 0.5 ft)
Total LMW PAHs Calculated	mg/kg	14:14	--	--	0.051	3.9	14	CH-SWSD066 (0 - 0.5 ft)
Total PAHs Calculated	mg/kg	14:14	--	--	0.13	16	71	CH-SWSD066 (0 - 0.5 ft)

**Table 4-2
Summary Statistics for PAHs
Camp Hero Remedial Investigation
Montauk, New York**

Chemical	Units	FOD	Minimum Reporting Limit	Maximum Reporting Limit	Minimum Detected Concentration	Mean Detected Concentration	Maximum Detected Concentration	Location(s) of Max Detected
SEA08								
1-Methylnaphthalene	mg/kg	15:15	--	--	0.0033 J	0.42	1.7	CH-SWSD142 (0 - 0.5 ft)
2-Methylnaphthalene	mg/kg	15:15	--	--	0.0045	0.31	1.1	CH-SWSD142 (0 - 0.5 ft)
Acenaphthene	mg/kg	15:15	--	--	0.0041	0.68	1.8	CH-SWSD142 (0 - 0.5 ft)
Acenaphthylene	mg/kg	15:15	--	--	0.0059	0.12	0.31	CH-SWSD147 (0 - 0.5 ft)
Anthracene	mg/kg	15:15	--	--	0.0096	0.49	3.7	CH-SWSD146 (0 - 0.5 ft)
Benzo(a)anthracene	mg/kg	15:15	--	--	0.033	0.84	4.2	CH-SWSD144 (0 - 0.5 ft)
Benzo(a)pyrene	mg/kg	15:15	--	--	0.04	0.59	3.1	CH-SWSD146 (0 - 0.5 ft)
Benzo(b)fluoranthene	mg/kg	15:15	--	--	0.08	1.1	4.6	CH-SWSD146 (0 - 0.5 ft)
Benzo(g,h,i)perylene	mg/kg	15:15	--	--	0.012	0.3	1.6	CH-SWSD146 (0 - 0.5 ft)
Benzo(k)fluoranthene	mg/kg	15:15	--	--	0.057	0.51	2.3	CH-SWSD146 (0 - 0.5 ft)
Chrysene	mg/kg	15:15	--	--	0.051	1.1	4.1	CH-SWSD146 (0 - 0.5 ft)
Dibenz(a,h)anthracene	mg/kg	15:15	--	--	0.0045	0.095	0.53	CH-SWSD146 (0 - 0.5 ft)
Fluoranthene	mg/kg	15:15	--	--	0.081	2.9	11	CH-SWSD146 (0 - 0.5 ft)
Fluorene	mg/kg	15:15	--	--	0.0065	0.64	2.1	CH-SWSD146 (0 - 0.5 ft)
Indeno(1,2,3-cd)pyrene	mg/kg	15:15	--	--	0.014	0.32	1.7	CH-SWSD146 (0 - 0.5 ft)
Naphthalene	mg/kg	15:15	--	--	0.0061 J	1.7	6.5	CH-SWSD142 (0 - 0.5 ft)
Phenanthrene	mg/kg	15:15	--	--	0.037	1.8	9.6	CH-SWSD146 (0 - 0.5 ft)
Pyrene	mg/kg	15:15	--	--	0.1	2.3	8.5	CH-SWSD146 (0 - 0.5 ft)
Total HMW PAHs Calculated	mg/kg	15:15	--	--	0.39	7.1	31	CH-SWSD146 (0 - 0.5 ft)
Total LMW PAHs Calculated	mg/kg	15:15	--	--	0.17	8.9	31	CH-SWSD146 (0 - 0.5 ft)
Total PAHs Calculated	mg/kg	15:15	--	--	0.57	16	61	CH-SWSD146 (0 - 0.5 ft)

Notes:

The calculation of the summary statistics is based on detected concentrations only.

BaP = benzo(a)pyrene

DU = decision unit

FOD = frequency of detection

HMW = high molecular weight

J - The compound was positively identified; however, the associated numerical value is an estimated concentration only.

LMW = low molecular weight

mg/kg = milligram per kilogram

ND = not detected

PAH = polycyclic aromatic hydrocarbon

PCB = polychlorinated biphenyl

SEA = stream exposure area

**Table 6-1
Summary of Chemicals of Potential Concern
Camp Hero Remedial Investigation
Montauk, New York**

Decision Unit ID	Decision Unit Name	Included Former Areas of Concern	Associated Stream Exposure Area	Associated Monitoring Well(s)	Chemicals of Potential Concern (2)					
					Surface Soil (0 to 1 foot) (3)	Subsurface Soil and Total Soil (HHRA only) (3)	Groundwater - Direct Contact (HHRA only) (4)	Groundwater - Vapor Intrusion (HHRA only) (5)	Surface Water (T)	Sediment
DU01	Former Building 203 Area	Building 203	SEA06 (Non-revetted)	CH-MW016, CH-MW017, CH-MW018, CH-MW019, CH-MW020, CH-MW021, CH-MW022, CH-MW023, CH-MW024, CH-MW025	HHRA - Cobalt, Manganese, Thallium , 2-Methylnaphthalene ERA - Barium (b) , Lead (b), Manganese (a) , Nickel (b) , Zinc (a,b) , Acetone (a), 1,1'-Biphenyl (a), Bis(2-ethylhexyl)phthalate (a,b), Carbazole (a), Dibenzofuran (a)	Subsurface Soil - Aluminum, Arsenic, Chromium(VI), Cobalt, Thallium, Vanadium , 2-Methylnaphthalene, Total BaP PAHs Total Soil - Aluminum, Arsenic, Chromium(VI), Cobalt, Manganese, Thallium, Vanadium , 2-Methylnaphthalene, Total BaP PAHs	HHRA - LNAPL, Aluminum, Arsenic, Beryllium, Total Chromium, Chromium(VI), Iron, Manganese, Vanadium, 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene, 1,1'Biphenyl, Dibenzofuran, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, 2-Butanone, Acetone, Benzene, cis-1,2-dichloroethene, Ethylbenzene, Isopropylbenzene, m,p-Xylene, n-Propylbenzene, Trichloroethene, Xylenes	HHRA - 1,1'-Biphenyl, Naphthalene, 1,2,4-Trimethylbenzene, Benzene, Ethylbenzene, Trichloroethene	HHRA - Aluminum, Chromium(VI), Cobalt, Iron, Manganese ERA - Aluminum (a) , Total Chromium (a), Cobalt (a) , Copper (a) , Iron (a) , Manganese (a) , Nickel (a) , Vanadium (a) , Zinc (a)	HHRA - Chromium(VI) ERA - Chromium(VI) (a) , Manganese (a,b)
DU02	H-2 Drum Area	Drum Location (H-2)	SEA06 (Non-revetted)	None	HHRA - Arsenic, Barium, Chromium(VI), Cobalt, Thallium, Vanadium ERA - Barium (a,b) , Cadmium (b), Total Chromium (a,b) , Chromium(VI) (a) , Lead (b), Mercury (a), Nickel (a,b) , Vanadium (a,b) , Zinc (a,b)	Subsurface Soil - NA (6) Total Soil - No subsurface data, represented by surface soil COPCs: Arsenic, Barium, Chromium(VI), Cobalt, Thallium, Vanadium	NA (7)	NA (7)	HHRA - Aluminum, Chromium(VI), Cobalt, Iron, Manganese ERA - Aluminum (a) , Total Chromium (a), Cobalt (a) , Copper (a) , Iron (a) , Manganese (a) , Nickel (a) , Vanadium (a) , Zinc (a)	HHRA - Chromium(VI) ERA - Chromium(VI) (a) , Manganese (a,b)
DU03	H-1 Drum Area	Drum Location (H-1)	SEA06 (Non-revetted)	None	HHRA - No COPCs ERA - Mercury (a), Benzoic acid (a)	Subsurface Soil - Total PAHs Total Soil - Total PAHs	NA (7)	NA (7)	HHRA - Aluminum, Chromium(VI), Cobalt, Iron, Manganese ERA - Aluminum (a) , Total Chromium (a), Cobalt (a) , Copper (a) , Iron (a) , Manganese (a) , Nickel (a) , Vanadium (a) , Zinc (a)	HHRA - Chromium(VI) ERA - Chromium(VI) (a) , Manganese (a,b)
DU04	H-18 Drum Area	Drum Location (H-18)	None	None	HHRA - No COPCs ERA - No COPCs	Subsurface Soil - NA (6) Total Soil - No subsurface data, represented by surface soil (No COPCs)	NA (7)	NA (7)	NA (8)	NA (8)
DU05	WDS Cesspool Area	WDS SB25 - SB27 Cesspools	SEA05 (Revetted and Non-revetted) (1)	None	HHRA - No COPCs ERA - Lead (b), Mercury (a)	Subsurface Soil - Arsenic Total Soil - Arsenic	NA (7)	NA (7)	HHRA - Cobalt, Total BaP PAHs, BaP-NC ERA - Cobalt (a) , Copper (a) , Indeno(1,2,3-cd)pyrene (a), Total HMW PAHs (a), Total LMW PAHs (a)	HHRA - Arsenic, Chromium(VI) ERA - Aluminum (b) , Arsenic (a,b) , Barium (a,b) , Beryllium (a,b) , Total Chromium (b) , Chromium(VI) (a) , Copper (a,b) , Iron (a,b) , Lead (a,b) , Manganese (b) , Nickel (b) , Selenium (b) , Vanadium (a,b) , Bis(2-ethylhexyl)phthalate (b), 1-Methylnaphthalene (a), 2-Methylnaphthalene (a)
DU06	Former Power Plant Area	Former Power Plant (H-11), Former Sewage Ejector Station (H-12), WDS SB23 - SB24 Tile Field	SEA05 (Revetted and Non-revetted) (1)	CH-MW041, CH-MW042	HHRA - Arsenic, Thallium, 2-Methylnaphthalene, Naphthalene, Total BaP PAHs, BaP-NC ERA - Arsenic (a,b), Barium (b) , Lead (a,b), Mercury (a), Thallium (a,b), Zinc (a,b) , Benzoic acid (a), 1,1'-Biphenyl (a), Carbazole (a), Dibenzofuran (a), 1-Methylnaphthalene (a), Benzo(a)anthracene (b), Benzo(a)pyrene (a,b), Benzo(b)fluoranthene (b), Benzo(g,h,i)perylene (b), Benzo(k)fluoranthene (b), Chrysene (b), Dibenz(a,h)anthracene (b), Fluoranthene (a,b), Indeno(1,2,3-cd)pyrene (b), Naphthalene (a), Phenanthrene (a), Pyrene (a,b), Total HMW PAHs (a,b), Total LMW PAHs (a,b), Total PAHs (a)	Subsurface Soil - Arsenic, Thallium , 2-Methylnaphthalene, Total BaP PAHs, BaP-NC Total Soil - Arsenic, Thallium , 2-Methylnaphthalene, Naphthalene, Total BaP PAHs, BaP-NC	HHRA - Total PAHs	HHRA - No COPCs	HHRA - Cobalt, Total BaP PAHs, BaP-NC ERA - Cobalt (a) , Copper (a) , Indeno(1,2,3-cd)pyrene (a), Total HMW PAHs (a), Total LMW PAHs (a)	HHRA - Arsenic, Chromium(VI) ERA - Aluminum (b) , Arsenic (a,b) , Barium (a,b) , Beryllium (a,b) , Total Chromium (b) , Chromium(VI) (a) , Copper (a,b) , Iron (a,b) , Lead (a,b) , Manganese (b) , Nickel (b) , Selenium (b) , Vanadium (a,b) , Bis(2-ethylhexyl)phthalate (b), 1-Methylnaphthalene (a), 2-Methylnaphthalene (a)

**Table 6-1
Summary of Chemicals of Potential Concern
Camp Hero Remedial Investigation
Montauk, New York**

Decision Unit ID	Decision Unit Name	Included Former Areas of Concern	Associated Stream Exposure Area	Associated Monitoring Well(s)	Chemicals of Potential Concern (2)					
					Surface Soil (0 to 1 foot) (3)	Subsurface Soil and Total Soil (HHRA only) (3)	Groundwater - Direct Contact (HHRA only) (4)	Groundwater - Vapor Intrusion (HHRA only) (5)	Surface Water (T)	Sediment
DU07	H-19, H-20 AST/Drum Area	Former AST (H-19), Drum Location (H-20), Possible Boiler (H-9)	SEA01 (Revettted)	CH-MW038	HHRA - Total PAHs ERA - Lead (a,b), Zinc (b) , Benzoic acid (a), Benzo(b)fluoranthene (b), Pyrene (b), Total PAHs (a)	Subsurface Soil - Total PAHs Total Soil - Total PAHs	HHRA - Total PAHs	HHRA - No COPCs	HHRA - Iron, Chromium(VI), BaP-NC, Total BaP PAHs ERA - Iron (a) , Total HMW PAHs (a)	HHRA - Chromium(VI) ERA - Barium (a,b), Beryllium (a,b), Total Chromium (b), Chromium(VI) (a), Iron (a,b), Manganese (b), Nickel (b), Vanadium (a,b)
DU08 (SEA08 only)	WDS Chlorine Contact Chamber Area	WDS SB01 - SB03 Chlorine Contact Chamber	SEA08 (Revettted and Non-revetted) (1)	CH-MW036, CH-MW037	NA (9)	NA (9)	HHRA - Aluminum, Chromium(VI), Cobalt, Acenaphthene, Naphthalene, Dibenzofuran	HHRA - No COPCs	HHRA - Chromium(VI), Cobalt, Iron, Lead, Manganese ERA - Cobalt (a), Iron (a), Lead (a), Manganese (a), Nickel (a)	HHRA - Chromium(VI) , Total BaP PAHs, Total PAHs ERA - Cadmium (b), Chromium(VI) (a) , Carbazole (a), Dibenzofuran (a), 1-Methylnaphthalene (a), 2-Methylnaphthalene (a), Fluoranthene (b), Pyrene (b), Total HMW PAHs (a,b), Total LMW PAHs (a), Total PAHs (a)
DU09	H-15 Coal Storage Area	Former Coal Storage (H-15)	None	None	HHRA - No COPCs ERA - Lead (b), Mercury (a)	Subsurface Soil - NA (6) Total Soil - No subsurface data, represented by surface soil (No COPCs)	NA (7)	NA (7)	NA (8)	NA (8)
DU10	H-5 Drum/Debris Area	Drum Location with Construction Debris (H-5)	SEA03 (Revettted and Non-revetted) (1)	None	HHRA - No COPCs ERA - Barium (b), Lead (a,b), Mercury (a)	Subsurface Soil - NA (6) Total Soil - No subsurface data, represented by surface soil (No COPCs)	NA (7)	NA (7)	HHRA - Aluminum, Chromium(VI), Lead ERA - Aluminum (a), Copper (a), Lead (a)	HHRA - Chromium(VI) , Total BaP PAHs, Total PAHs ERA - Aluminum (b), Antimony (a,b), Barium (a,b), Cadmium (b), Chromium(VI) (a), Copper (a,b), Lead (a,b), Mercury (a,b), Zinc (a,b), 3,4-Methylphenol (a), Benzaldehyde (a), Fluoranthene (b), Pyrene (a,b), Total HMW PAHs (a,b), Total LMW PAHs (a), Total PAHs (a)
DU11	H-16 Sewage, WDS Septic Area	Former Building 34, Former Sewage Treatment Area (H-16), Motor Pool - Drain (SB02) and Cesspool (SB03)	SEA03 (Revettted and Non-revetted) (1)	CH-MW032, CH-MW033, CH-MW043	HHRA - Cobalt, Manganese , 2-Methylnaphthalene, Acenaphthene, Anthracene, Fluoranthene, Fluorene, Naphthalene, Phenanthrene, Pyrene, Total BaP PAHs, BaP-NC (d), Dibenzofuran ERA - Barium (b) , Lead (b), Mercury (a), 1,1'-Biphenyl (a), 1-Methylnaphthalene (a), Acenaphthene (a,b), Acenaphthylene (b), Anthracene (a,b), Benzo(a)anthracene (a,b), Benzo(a)pyrene (a,b), Benzo(b)fluoranthene (a,b), Benzo(g,h,i)perylene (a,b), Benzo(k)fluoranthene (a,b), Chrysene (a,b), Dibenz(a,h)anthracene (a,b), Fluoranthene (a,b), Fluorene (a,b), Indeno(1,2,3-cd)pyrene (a,b), Naphthalene (a,b), Phenanthrene (a,b), Pyrene (a,b), Total HMW PAHs (a,b), Total LMW PAHs (a,b), Total PAHs (a)	Subsurface Soil - NA (6) Total Soil - No subsurface data, represented by surface soil COPCs: Cobalt, Manganese , 2-Methylnaphthalene, Acenaphthene, Anthracene, Fluoranthene, Fluorene, Naphthalene, Phenanthrene, Pyrene, Dibenzofuran, Total BaP PAHs, BaP-NC (d)	HHRA - Cobalt, Manganese, Tetrachloroethene, Trichloroethene	HHRA - No COPCs	HHRA - Aluminum, Chromium(VI), Lead ERA - Aluminum (a), Copper (a), Lead (a)	HHRA - Chromium(VI) , Total BaP PAHs, Total PAHs ERA - Aluminum (b), Antimony (a,b), Barium (a,b), Cadmium (b), Chromium(VI) (a), Copper (a,b), Lead (a,b), Mercury (a,b), Zinc (a,b), 3,4-Methylphenol (a), Benzaldehyde (a), Fluoranthene (b), Pyrene (a,b), Total HMW PAHs (a,b), Total LMW PAHs (a), Total PAHs (a)

**Table 6-1
Summary of Chemicals of Potential Concern
Camp Hero Remedial Investigation
Montauk, New York**

Decision Unit ID	Decision Unit Name	Included Former Areas of Concern	Associated Stream Exposure Area	Associated Monitoring Well(s)	Chemicals of Potential Concern (2)					
					Surface Soil (0 to 1 foot) (3)	Subsurface Soil and Total Soil (HHRA only) (3)	Groundwater - Direct Contact (HHRA only) (4)	Groundwater - Vapor Intrusion (HHRA only) (5)	Surface Water (T)	Sediment
DU12	WDS Manhole Area 1	WDS SB08 - SB09 Box and Manhole	SEA02 (Revettted)	CH-MW030	HHRA - Anthracene, 1,1-Biphenyl, Dibenzofuran, Fluoranthene, Naphthalene, Phenanthrene, Pyrene, Total BaP PAHs (c), BaP-NC (d) ERA - Benzoic acid (a), 1,1'-Biphenyl (a), Carbazole (a,b), Dibenzofuran (a,b), 1-Methylnaphthalene (a), Acenaphthene (a,b), Acenaphthylene (b), Anthracene (a,b), Benzo(a)anthracene (a,b), Benzo(a)pyrene (a,b), Benzo(b)fluoranthene (a,b), Benzo(g,h,i)perylene (a,b), Benzo(k)fluoranthene (a,b), Chrysene (a,b), Dibenz(a,h)anthracene (a,b), Fluoranthene (a,b), Fluorene (a,b), Indeno(1,2,3-cd)pyrene (a,b), Naphthalene (a,b), Phenanthrene (a,b), Pyrene (a,b), Total HMW PAHs (a,b), Total LMW PAHs (a,b), Total PAHs (a)	Subsurface Soil - Total BaP PAHs, BaP-NC Total Soil - Anthracene, 1,1-Biphenyl, Dibenzofuran, Fluoranthene, Naphthalene, Phenanthrene, Pyrene, Total BaP PAHs (c), BaP-NC (d)	HHRA - Aluminum, Chromium(VI), Vanadium, Naphthalene, Total BaP PAHs, Dibenzofuran, BaP-NC	HHRA - No COPCs	HHRA - Iron ERA - Iron (a)	HHRA - Arsenic, Chromium(VI) ERA - Aluminum (b), Arsenic (a,b), Barium (a,b), Beryllium (a,b), Total Chromium (b), Chromium(VI) (a), Copper (a,b), Iron (a,b), Lead (a,b), Manganese (b), Nickel (b), Vanadium (a,b), 3 or 4-Methylphenol (a)
DU13	H-14 Coal Storage Area	Former Coal Storage (H-14)	SEA04 (Revettted)	CH-MW034, CH-MW035	HHRA - Cobalt ERA - Mercury (a)	Subsurface Soil - NA (6) Total Soil - No subsurface data, represented by surface soil COPCs: Cobalt	HHRA - Aluminum, Chromium(VI), Vanadium, Total PAHs	HHRA - No COPCs	HHRA - No COPCs ERA - No COPCs	HHRA - No COPCs ERA - No COPCs
DU14	WDS Septic Tank Area	WDS SB06 - SB07 Suspected Septic Tank	SEA04 (Revettted)	CH-MW031	HHRA - Total BaP PAHs, Total PAHs ERA - Benzoic acid (a), 1-Methylnaphthalene (a), Benzo(a)anthracene (b), Benzo(a)pyrene (b), Benzo(b)fluoranthene (b), Benzo(g,h,i)perylene (b), Benzo(k)fluoranthene (b), Chrysene (b), Fluoranthene (b), Indeno(1,2,3-cd)pyrene (b), Pyrene (b), Total HMW PAHs (b), Total PAHs (a)	Subsurface Soil - Total BaP PAHs, Total PAHs Total Soil - Total BaP PAHs, Total PAHs	HHRA - Aluminum, Chromium VI, Lead, Thallium, Vanadium, Total PAHs	HHRA - No COPCs	HHRA - No COPCs ERA - No COPCs	HHRA - No COPCs ERA - No COPCs
DU15	H-6 Debris Area	Construction Debris Area (H-6)	SEA07 (Revettted)	CH-MW039, CH-MW040	HHRA - No COPCs ERA - Lead (a,b), Mercury (a), Zinc (b), Total PCBs (b)	Subsurface Soil - No COPCs Total Soil - No COPCs	HHRA - Total PAHs	HHRA - No COPCs	HHRA - No COPCs ERA - Total LMW PAHs (a)	HHRA - Total BaP PAHs, Total PAHs ERA - Aroclor 1248 (b), Aroclor 1254 (b), Aroclor 1260 (b), Total PCBs (a,b), Carbazole (a), Fluoranthene (a,b), Pyrene (a,b), Total HMW PAHs (a,b), Total PAHs (a)
DU16	WDS Manhole Area 2	WDS SB13	None	None	HHRA - Total PAHs ERA - Benzoic acid (a), Fluoranthene (b), Pyrene (b), Total HMW PAHs (b), Total PAHs (a)	Subsurface Soil - Total PAHs Total Soil - Total PAHs	NA (7)	NA (7)	NA (8)	NA (8)
DU17	H-4 Debris Area	Construction Debris Area (H-4)	SEA02 (Revettted)	CH-MW029	HHRA - No COPCs ERA - Lead (a,b), Mercury (a), Zinc (a,b)	Subsurface Soil - NA (6) Total Soil - No subsurface data, represented by surface soil (No COPCs)	HHRA - No COPCs	HHRA - No COPCs	HHRA - Iron ERA - Iron (a)	HHRA - Arsenic, Chromium(VI) ERA - Aluminum (b), Arsenic (a,b), Barium (a,b), Beryllium (a,b), Total Chromium (b), Chromium(VI) (a), Copper (a,b), Iron (a,b), Lead (a,b), Manganese (b), Nickel (b), Vanadium (a,b), 3 or 4-Methylphenol (a)
DU18	H-3 Drum Area	Drum Site (H-3)	SEA01 (Revettted)	None	HHRA - No COPCs ERA - No COPCs	Subsurface Soil - NA (6) Total Soil - No subsurface data, represented by surface soil (No COPCs)	NA (7)	NA (7)	HHRA - Iron, Chromium(VI), BaP-NC, Total BaP PAHs ERA - Iron (a), Total HMW PAHs (a)	HHRA - Chromium(VI) ERA - Barium (a,b), Beryllium (a,b), Total Chromium (b), Chromium(VI) (a), Iron (a,b), Manganese (b), Nickel (b), Vanadium (a,b)

**Table 6-1
Summary of Chemicals of Potential Concern
Camp Hero Remedial Investigation
Montauk, New York**

Decision Unit ID	Decision Unit Name	Included Former Areas of Concern	Associated Stream Exposure Area	Associated Monitoring Well(s)	Chemicals of Potential Concern (2)					
					Surface Soil (0 to 1 foot) (3)	Subsurface Soil and Total Soil (HHRA only) (3)	Groundwater - Direct Contact (HHRA only) (4)	Groundwater - Vapor Intrusion (HHRA only) (5)	Surface Water (T)	Sediment
Groundwater Near STB	NA	Suspected Tank B	NA	CH-MW026, CH-MW027, CH-MW028	NA	NA	HHRA - Manganese, Total PAHs, Trichloroethene	HHRA - No COPCs	NA	NA
Sitewide Groundwater (10)	NA	NA	NA	all monitoring wells	NA	NA	HHRA - Arsenic, Beryllium, Manganese, 1-Methylnaphthalene, 2-Methylnaphthalene, Acenaphthene, Naphthalene, Total BaP PAHs, BaP-NC, 1,1-Biphenyl, Dibenzofuran, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, 2-Butanone, Acetone, Benzene, cis-1,2-Dichloroethene, Ethylbenzene, Isopropylbenzene, m,p-Xylene, n-Propylbenzene, Tetrachloroethene, Trichloroethene, Xylenes	HHRA - 1,1'-Biphenyl, Naphthalene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Benzene, Ethylbenzene, Trichloroethene	NA	NA

Notes

Bold compounds indicate potential risks identified in the HHRA and the ERA; however, additional characterization of PAHs indicated these compounds could not be attributed to a CERCLA release. Refer to Appendix C5. Strikeout text indicates metal was eliminated as a COPC when the geochemical conditions were considered. Refer to Appendix L2.

- (1) SEA includes both revetted and non-revetted sampling locations. For screening purposes, SEA03 and SEA08 were classified as non-revetted because the majority of the locations were identified as not revetted during the field program. SEA05 was classified as revetted because the majority of the locations were revetted.
- (2) COPCs are based on the maximum detect per DU or SEA after the preliminary risk screening, background evaluation, and food web modeling (for the ERA), prior to quantifying potential risks in the HHRA and ERA.
- (3) The HHRA screened surface soil (0 to 1 foot) and subsurface soil (1 to 10 feet) data separately. For the future exposure scenarios, the surface and subsurface soil COPCs were combined to evaluate exposure to total soil (0 to 10 feet), assuming subsurface soil is brought to the surface during excavation activities for land redevelopment and the soils are mixed together.
- (4) COPCs identified in this column represent total phase groundwater screen results which were used to evaluate the future on-site construction worker scenario in the HHRA.
- (5) Maximum detected concentrations in groundwater from associated monitoring wells were screened against vapor intrusion screening levels to identify COPCs that may pose future vapor intrusion risk to a future indoor worker.
- (6) Subsurface soil at the DU did not warrant evaluation based on Preliminary Screening Evaluation, which was included in the Phase III Sampling and Analysis Plan.
- (7) No monitoring wells are located within the DU; groundwater was evaluated on a sitewide scale.
- (8) No SEA is located within/adjacent to the DU; therefore, surface water and sediment was not considered for cumulative risk to human health.
- (9) Soil samples could not be collected at DU08 because wetland conditions were observed throughout the entire DU and the DU was inundated with water.
- (10) Sitewide groundwater COPCs are not a comprehensive list of the groundwater COPCs listed above. Background hypothesis testing eliminated some groundwater COPCs when the groundwater was treated as one exposure unit.

- (a) Retained in ERA based on criteria screening (direct contact exposure pathways).
- (b) Retained in ERA based on food web model (bioaccumulation pathways). Note that based on the availability of toxicity values, PAHs are evaluated individually and as Total HMW PAHs and Total LMW PAHs in the food web model. Food web modeling of "Total PAHs" is not conducted.
- (c) Human health cancer risk driver.
- (d) Human health non-cancer risk driver.

Acronyms and Abbreviations

AOC = area of concern	HMW = high molecular weight
AST = above ground storage tank	LMW = low molecular weight
BaP = benzo(a)pyrene	NA = not applicable
BaP-NC = benzo(a)pyrene non-cancer effects	PAHs = polycyclic aromatic hydrocarbons
COPC = chemical of potential concern	PCBs = polychlorinated biphenyls
(D) = dissolved phase (filtered)	SB = soil boring
DU = decision unit	SEA = stream exposure area
ERA = ecological risk assessment	STB = suspected tank B
HHRA = human health risk assessment	(T) = total phase (unfiltered)
	WDS = waste disposal system

Table 6-2
Selection of Risk-Based Screening Levels for the HHRA
Camp Hero Remedial Investigation
Montauk, New York

Source	Soil	Sediment	Groundwater	Surface Water
New York State Human Health Screening Criteria				
New York Codes, Rules, and Regulations (NYCRR) Residential Soil Cleanup Objectives (SCOs) (NYCRR 2015a)	Yes; Table 6.8(b)	No	No	No
NYSDEC CP-51 Soil Cleanup Guidance, Residential SCOs and Soil Cleanup Levels (SCLs) (NYSDEC 2010a)	Yes; Table 1 (Residential SCOs) and Tables 2 and 3 (SCLs for gasoline and fuel oil)	No	No	No
New York State maximum contaminant levels (MCLs)	No	No	Yes	No
New York State Technical and Operational Guidance Series (TOGS) (NYSDEC 2004)	No	No	Yes; groundwater effluent limitations, Table 5 (Class GA)	Yes; ambient water quality standards Table 1
USEPA Human Health Screening Criteria				
USEPA Residential Regional Screening Levels (RSLs) (USEPA 2018a)	Yes; Residential Soil RSL	Yes; Residential Soil RSL x 10	Yes; Tap Water RSLs	Yes; Tap Water RSL x 10
USEPA Vapor Intrusion Screening Levels (VISLs) (USEPA 2018c)	No	No	Yes; Residential VISLs	No
USEPA MCLs (USEPA 2018d)	No	No	Yes	No
USEPA ambient water quality criteria (USEPA 2017)	No	No	No	Yes; protective of consumption of water and organisms

Notes

Refer to the HHRA (Appendix M) for additional details.

Acronyms and Abbreviations

CP = Commissioner's Policy
GA = groundwater class type
HHRA = human health risk assessment
MCL = maximum contaminant level
NYCRR = New York Codes, Rules, and Regulations
NYSDEC = New York State Department of Environmental Conservation
RSL = Regional Screening Level
SCL = Soil Cleanup Level
SCO = Soil Cleanup Objective
TOGS = Technical and Operational Guidance Series
USEPA = United States Environmental Protection Agency
VISL = vapor intrusion screening level

This page intentionally left blank.

**Table 7-1
Remedial Investigation Outcome and Path Forward
Camp Hero Remedial Investigation
Montauk, New York**

DU, SEA, or AOC ID	DU or SEA Name	AOCs included in DU or AOC Name	RI Outcome	Recommended Path Forward	Basis for Recommendation
DU01	Former Building 203 Area	Former Building 203, plus groundwater only near AST-35 (H-13) and FPH	No COCs identified after Phase III RI; however, residual LNAPL present in the subsurface	Further action for LNAPL under the NYSDEC Spill Response Program; NFA for all other media under CERCLA	Compliance with NYSDEC regulations
DU02	H-2 Drum Area	Drum Location (H-2)	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
DU03	H-1 Drum Area	Drum Location (H-1)	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
DU04	H-18 Former Drum Area	Drum Location (H-18)	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
DU05	WDS Cesspool Area	WDS SB25 - SB27 Cesspools	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
DU06	Former Power Plant Area	Former Power Plant (H-11), Former Sewage Ejector Station (H-12), WDS SB23 - SB24 Tile Field	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
DU07	H-19, H-20 AST/Drum Area	Former AST (H-19), Drum Location (H-20), Possible Boiler (H-9)	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
DU08	WDS Chlorine Contact Chamber Area	WDS SB01 - SB03 Chlorine Contact Chamber	No COCs identified for groundwater after Phase III; surface water and sediment addressed as SEA08	NFA under CERCLA	No unacceptable risks for groundwater; surface water and sediment addressed as SEA08
DU09	H-15 Coal Storage Area	Former Coal Storage (H-15)	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
DU10	H-5 Drum/Debris Area	Drum Location with Construction Debris (H-5)	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
DU11	H-16 Sewage, WDS Septic Area	Former Building 34, Former Sewage Treatment Area (H-16), Motor Pool - Drain (SB02) and Cesspool (SB03)	Benzo(a)pyrene could pose potential risks to human receptors; total LMW PAHs and total HMW PAHs could pose potential risks to ecological receptors	NFA under CERCLA	Lines of evidence during uncertainty assessment eliminated PAHs; conservative assumptions in risk assessments indicate that the risk results were overestimated
DU12	WDS Manhole Area 1	WDS SB08 - SB09 Box and Manhole	Benzo(a)pyrene and total BaP PAHs could pose potential risks to human receptors; total LMW PAHs and total HMW PAHs could pose potential risks to ecological receptors	NFA under CERCLA	PAHs could not be attributed to a CERCLA release
DU13	H-14 Coal Storage Area	Former Coal Storage (H-14)	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
DU14	WDS Septic Tank Area	WDS SB06 - SB07 Suspected Septic Tank	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
DU15	H-6 Debris Area	Construction Debris Area (H-6)	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
DU16	WDS Manhole Area 2	WDS SB13 Manhole	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
DU17	H-4 Debris Area	Construction Debris Area (H-4)	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
DU18	H-3 Drum Area	Drum Location (H-3)	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
SEA01	Near DU07	--	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
SEA02	Near DU11, DU12, and DU17	--	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
SEA03	Near DU10 and DU11	--	Total PAHs could pose potential risks to ecological receptors	NFA under CERCLA	PAHs could not be attributed to a CERCLA release
SEA04	Near DU13 and DU14	--	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
SEA05	Near DU05 and DU06	--	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
SEA06	Near DU01, DU02, and DU03	--	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
SEA07	Near DU15	--	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
SEA08	Near DU08	--	Total PAHs could pose potential risks to ecological receptors	NFA under CERCLA	PAHs could not be attributed to a CERCLA release
--	Sitewide Groundwater	--	No COCs identified after Phase III RI	NFA under CERCLA	No unacceptable risks
STB	--	Building 22 (Suspected Tank B)	No exceedances of preliminary screening criteria or BTVs for soil based on Phase I; No COCs identified for groundwater after Phase III RI	NFA under CERCLA	No impacts for soil; No unacceptable risks for groundwater

**Table 7-1
Remedial Investigation Outcome and Path Forward
Camp Hero Remedial Investigation
Montauk, New York**

DU, SEA, or AOC ID	DU or SEA Name	AOCs included in DU or AOC Name	RI Outcome	Recommended Path Forward	Basis for Recommendation
AST35	--	AST-35 (H-13)	No exceedances of preliminary screening criteria or BTVs for soil based on Phase I; groundwater assessed in Phase III as part of DU01; surface water and sediment assessed in Phase III as part of SEA06	NFA under CERCLA	No impacts for soil; groundwater assessed as part of DU01; surface water and sediment assessed as SEA06
FPH	--	FPH for AST-35	No exceedances of preliminary screening criteria or BTVs for soil based on Phase I; groundwater assessed in Phase III as part of DU01; surface water and sediment assessed in Phase III as part of SEA06	NFA under CERCLA	No impacts for soil; groundwater assessed as part of DU01; surface water and sediment assessed as SEA06
201	--	Building 201 Radar Tower/Antenna	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs based on Phase I RI; no access available for inside building	NFA under CERCLA	No impacts identified
216	--	Battery 216	No evidence of potential source or release based on Phase I RI	NFA under CERCLA	No impacts identified
2010	--	Building 2010 (UST 30)	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs based on Phase I RI	NFA under CERCLA	No impacts identified
EFO	--	Engineering Field Office	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs based on Phase I RI	NFA under CERCLA	No impacts identified
F100C	--	Building F100C (UST 34)	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs based on Phase I RI	NFA under CERCLA	No impacts identified
H17	--	Open Pits (H-17)	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs based on Phase I RI	NFA under CERCLA	No impacts identified
H21	--	Open Pits (H-21)	No evidence of potential source or release; Calcium was the only compound exceeding preliminary screening criteria and BTVs based on Phase I RI	NFA under CERCLA	No impacts identified
H22	--	Drum Location (H-22)	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs based on Phase I RI	NFA under CERCLA	No impacts identified
H7	--	Possible Boiler (H-7)	Boiler could not be located via magnetometer survey during Phase I RI	NFA under CERCLA	No impacts identified
H8	--	Possible Boiler (H-8)	Boiler could not be located via magnetometer survey during Phase I RI	NFA under CERCLA	No impacts identified
P113	--	Plotting Room 113	No exceedances of preliminary screening criteria or BTVs based on Phase I RI	NFA under CERCLA	No impacts identified
WDS	--	WDS SB04 - SB05 Septic Tank	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs based on Phase I RI	NFA under CERCLA	No impacts identified
WDS	--	WDS SB10 Box	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs based on Phase I RI	NFA under CERCLA	No impacts identified

**Table 7-1
Remedial Investigation Outcome and Path Forward
Camp Hero Remedial Investigation
Montauk, New York**

DU, SEA, or AOC ID	DU or SEA Name	AOCs included in DU or AOC Name	RI Outcome	Recommended Path Forward	Basis for Recommendation
WDS	--	WDS SB11 Cesspool	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs based on Phase I RI	NFA under CERCLA	No impacts identified
WDS	--	WDS SB12	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs based on Phase I RI	NFA under CERCLA	No impacts identified
WDS	--	WDS SB14 - SB17 Cesspools	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs based on Phase I RI	NFA under CERCLA	No impacts identified
WDS	--	WDS SB18 - SB19	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs based on Phase I RI	NFA under CERCLA	No impacts identified
WDS	--	WDS SB20 Septic Tank	Calcium was the only compound exceeding preliminary screening criteria and BTVs based on Phase I RI	NFA under CERCLA	No impacts identified
WDS	--	WDS SB21 - SB22 Septic Tank, Drain Field	No evidence of potential source or release; no exceedances of preliminary screening criteria or BTVs based on Phase I RI	NFA under CERCLA	No impacts identified
STA	--	Building 20 (Tank A)	No evidence of potential source or release based on Phase I RI	NFA under CERCLA	No impacts identified
STC	--	Building 2 (Tank C)	No evidence of potential source or release based on Phase I RI	NFA under CERCLA	No impacts identified
STD	--	Building 104R (Tank D)	No evidence of potential source or release based on Phase I RI	NFA under CERCLA	No impacts identified
STE	--	Building 3001 (Tank E)	No evidence of potential source or release based on Phase I RI	NFA under CERCLA	No impacts identified
STF	--	Pump House (Tank F)	No evidence of potential source or release based on Phase I RI	NFA under CERCLA	No impacts identified
STG	--	Pump House (Tank G)	No evidence of potential source or release based on Phase I RI	NFA under CERCLA	No impacts identified
STH	--	Building 109 (Tank H)	No evidence of potential source or release based on Phase I RI	NFA under CERCLA	No impacts identified
AGC1	--	AGC Site 1	No evidence of potential source or release based on Phase I RI	NFA under CERCLA	No impacts identified
AGC2	--	AGC Site 2	No evidence of potential source or release based on Phase I RI	NFA under CERCLA	No impacts identified
AGC3	--	Camp Hero State Park Bluffs / AGC Site 3	No evidence of potential source or release based on Phase I RI; empty boiler removed from bluffs	NFA under CERCLA	No impacts identified
AGC4	--	AGC Site 4	No evidence of potential source or release based on Phase I RI	NFA under CERCLA	No impacts identified
112	--	Battery 112	No access (building sealed)	NFA under CERCLA	No access (building sealed)

**Table 7-1
Remedial Investigation Outcome and Path Forward
Camp Hero Remedial Investigation
Montauk, New York**

DU, SEA, or AOC ID	DU or SEA Name	AOCs included in DU or AOC Name	RI Outcome	Recommended Path Forward	Basis for Recommendation
010	--	Building 10 Kitchen/Mess Hall	Inventory for old paint and oil cans; was not included in the RI as an AOC but was inventoried during the Phase I Field Effort at USACE request	NFA under CERCLA	Removal action under separate contract
107	--	Building 107 Electrical Substation	PCBs detected near transformer remnants	NFA under CERCLA	Removal action under separate contract
B113	--	Battery 113	PCBs detected near transformer remnants; two ASTs present containing weathered diesel fuel	NFA under CERCLA	Removal action under separate contract

Notes

Grey highlight indicates NFA warranted based on the RI outcome.

Acronyms and Abbreviations

AGC = Army Geospatial Center

AOC = area of concern

AST = aboveground storage tank

BaP = benzo(a)pyrene

BTVs = background threshold values

CERCLA = Comprehensive Environmental Restoration, Compensation, and Liability Act

COC = chemical of concern

DU = decision unit

FPH = fuel pump house

HMW = high molecular weight

ID = identification

LMW = low molecular weight

LNAPL = light non-aqueous phase liquid

N/A = not applicable

NFA = no further action

NYSDEC = New York State Department of Environmental Conservation

PAHs = polycyclic aromatic hydrocarbons

PCBs = polychlorinated biphenyls

RI = Remedial Investigation

SB = soil boring

SEA = stream exposure area

STB = suspected tank B

USACE = United States Army Corp of Engineers

WDS = waste disposal system

Appendix B2

Tables of All Analytical Results

This page intentionally left blank.

Appendix B2 Table 1
Analytical Data Summary Table - Phase I Soil
Camp Hero Remedial Investigation
Montauk, New York

	Location Group	CH-AOC-034	CH-AOC-034	CH-AOC-034	CH-AOC-034	CH-AOC-034	CH-AOC-034	CH-AOC-034	CH-AOC-034	CH-AOC-034	CH-AOC-034	CH-AOC-034	CH-AOC-034	CH-AOC-201	CH-AOC-201
	Location ID	034-SB01	034-SB01	034-SS02	034-SS02	034-SS02	034-SS02	034-SS03	034-SS03	034-SS04	034-SS04	034-SS04	034-SS05	034-SS01	034-SS01
	Sample ID	034-SB01-02	034-SS01-01	034-SS02-01	034-SS02-02	034-SS02-02 DUP	034-SS03-01	034-SS03-02	034-SS04-01	034-SS04-02	034-SS04-02 DUP	034-SS05-01	034-SS05-02	201-SB01-10	201-SB01-25
	Sample Date	6/13/2016	6/13/2016	6/13/2016	6/13/2016	6/13/2016	6/13/2016	6/13/2016	6/13/2016	6/13/2016	6/13/2016	6/13/2016	6/13/2016	6/16/2016	6/16/2016
	Sample Type Code	N	N	N	N	FD	N	N	N	N	FD	N	N	N	N
	Parent Sample ID					034-SS02-02					034-SS04-02				
	Depth Interval	1 - 2 ft	0 - 1 ft	0 - 1 ft	1 - 2 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	1 - 2 ft	0 - 1 ft	1 - 2 ft	9 - 10 ft	24 - 25 ft
Chemical	CAS	Units													
SVOCs Continued															
Pentachlorophenol	87-86-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.0091 UJ	< 0.087 UJ
Phenanthrene	85-01-8	mg/kg	< 0.00089 U	0.13	0.48 J-	0.023 J	0.0049 J	0.052 J+	< 0.00071 U	0.15	0.0051 J	0.0015 J	0.037	< 0.00082 U	< 0.0073 U
Phenol	108-95-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.0091 U	< 0.087 U
Pyrene	129-00-0	mg/kg	< 0.00089 U	0.37	0.90 J-	0.060 J	0.0099 J	0.10 J+	< 0.00071 U	0.24	0.0089 J	0.0016 J	0.062	0.0013	< 0.0073 U
VOCs															
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
1,1,1-Trichloroethane	71-55-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
1,1,2-Trichloroethane	79-00-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
1,1-Dichloroethane	75-34-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
1,1-Dichloroethene	75-35-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
1,2,3-Trichloropropane	96-18-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
1,2,4-Trimethylbenzene	95-63-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—	—
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.0023 UJ	< 0.0020 UJ
1,2-Dibromoethane	106-93-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
1,2-Dichloroethane	107-06-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
1,2-Dichloropropane	78-87-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
1,3,5-Trimethylbenzene	108-67-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Butanone	78-93-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.011 UJ	< 0.010 UJ
2-Hexanone	591-78-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.0023 U	< 0.0020 UJ
4-Isopropyltoluene	99-87-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—	—
Acetone	67-64-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	0.043 J-	0.0023 J
Benzene	71-43-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
Bromodichloromethane	75-27-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
Bromoform	75-25-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
Carbon disulfide	75-15-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
Carbon tetrachloride	56-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
Chlorobenzene	108-90-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
Chloroethane	75-00-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.0011 U	< 0.0010 U
Chloroform	67-66-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
Chloromethane	74-87-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.0018 UJ	< 0.0014 UJ
cis-1,2-Dichloroethene	156-59-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
Dibromochloromethane	124-48-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
Dichlorodifluoromethane	75-71-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
Trichloroethene	79-01-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
Trichlorofluoromethane	75-69-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
Vinyl Acetate	108-05-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 UJ
Vinyl chloride	75-01-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.00068 U	< 0.00061 U
Xylenes (total)	1330-20-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	< 0.0021 U	< 0.0018 UJ

Appendix B2 Table 1
Analytical Data Summary Table - Phase I Soil
Camp Hero Remedial Investigation
Montauk, New York

	CH-AOC-2010 2010-SB01 2010-SB01-04 6/15/2016 N 0 - 4 ft	CH-AOC-2010 2010-SB01 2010-SB01-05 6/15/2016 N 4 - 5 ft	CH-AOC-2010 2010-SB01 2010-SB01-06 6/15/2016 N 5 - 6 ft	CH-AOC-2010 2010-SB01 2010-SB01-07 6/15/2016 N 6 - 7 ft	CH-AOC-2010 2010-SB02 2010-SB02-04 6/15/2016 N 0 - 4 ft	CH-AOC-2010 2010-SB02 2010-SB02-04 DUP 6/15/2016 FD 2010-SB02-04 0 - 4 ft	CH-AOC-2010 2010-SB02 2010-SB02-05 6/15/2016 N 4 - 5 ft	CH-AOC-2010 2010-SB02 2010-SB02-05 DUP 6/15/2016 FD 2010-SB02-05 4 - 5 ft	CH-AOC-2010 2010-SB02 2010-SB02-06 6/15/2016 N 5 - 6 ft	CH-AOC-2010 2010-SB02 2010-SB02-07 6/15/2016 N 6 - 7 ft	CH-AOC-203 203-SB01 203-SB01-10 6/16/2016 N 9 - 10 ft	CH-AOC-203 203-SB01 203-SB01-12 6/16/2016 N 11 - 12 ft	CH-AOC-203 203-SB02 203-SB02-02 6/16/2016 N 1 - 2 ft	CH-AOC-203 203-SB03 203-SB03-04 6/16/2016 N 3 - 4 ft	CH-AOC-203 203-SB03 203-SB03-05 6/16/2016 N 4 - 5 ft	CH-AOC-203 203-SB04 203-SB04-11 6/16/2016 N 10 - 11 ft
Chemical																
Explosives																
1,3,5-Trinitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,3-Dinitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,4,6-Trinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,4-Dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,6-Dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Amino-4,6-dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Amino-2,6-Dinitro Toluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hexahydro-1,3,5-trinitro-1,3,5-triazine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Methyl-2,4,6-trinitrophenylamine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Metals																
Aluminum	—	—	—	—	—	—	—	—	—	—	6600	9500	12000	9100	8900	16000
Antimony	—	—	—	—	—	—	—	—	—	—	2.6	3.7	3.4	3.4	3.5	5.7
Arsenic	—	—	—	—	—	—	—	—	—	—	2.0	2.6	2.3	1.6	1.4	2.9
Barium	—	—	—	—	—	—	—	—	—	—	32	48	41	47	59	53
Beryllium	—	—	—	—	—	—	—	—	—	—	0.051 J	0.11 J	0.15 J	0.060 J	0.14 J	0.23
Cadmium	—	—	—	—	—	—	—	—	—	—	< 0.035 U	0.055 J	< 0.034 U	< 0.034 U	0.031 J	< 0.036 U
Calcium (Ca)	—	—	—	—	—	—	—	—	—	—	560	1700	550	490	370	630
Chromium	—	—	—	—	—	—	—	—	—	—	9.5	21	14	12	220	22
Chromium(VI) (a)	—	—	—	—	—	—	—	—	—	—	0.69	1.5	1.0	0.88	16	1.6
Cobalt	—	—	—	—	—	—	—	—	—	—	2.7	3.5	3.4	3.5	3.4	5.8
Copper	—	—	—	—	—	—	—	—	—	—	27	38	37	31	34	45
Iron (Fe)	—	—	—	—	—	—	—	—	—	—	11000	13000	14000	13000	15000	18000
Lead	3.5 J	4.0	4.6	4.9	20	23	6.2 J	16 J	5.7	4.8	1.7 J	2.2 J	2.3 J	1.8 J	3.0 J	3.1 J
Lead	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Magnesium (Mg)	—	—	—	—	—	—	—	—	—	—	1500	2400	2900	2200	2000	4100
Manganese (Mn)	—	—	—	—	—	—	—	—	—	—	210	210	170	240	390	260
Nickel	—	—	—	—	—	—	—	—	—	—	5.4	11	8.3	6.5	5.4	14
Potassium (K)	—	—	—	—	—	—	—	—	—	—	1100	1700	1900	1400	1500	3000
Selenium	—	—	—	—	—	—	—	—	—	—	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U
Silver	—	—	—	—	—	—	—	—	—	—	< 0.17 U	< 0.18 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.18 U
Sodium (Na)	—	—	—	—	—	—	—	—	—	—	100	180	87	89	80	120
Thallium	—	—	—	—	—	—	—	—	—	—	0.13 J	0.13 J	0.12 J	0.17	0.11 J	0.19
Vanadium	—	—	—	—	—	—	—	—	—	—	16	19	22	17	18	28
Zinc	—	—	—	—	—	—	—	—	—	—	12	16	19	16	16	44
PCBs																
Aroclor 1016	—	—	—	—	—	—	—	—	—	—	< 0.0072 U	< 0.0073 U	< 0.0073 U	< 0.0070 U	< 0.0071 U	< 0.0072 U
Aroclor 1221	—	—	—	—	—	—	—	—	—	—	< 0.0072 U	< 0.0073 U	< 0.0073 U	< 0.0070 U	< 0.0071 U	< 0.0072 U
Aroclor 1232	—	—	—	—	—	—	—	—	—	—	< 0.0072 U	< 0.0073 U	< 0.0073 U	< 0.0070 U	< 0.0071 U	< 0.0072 U
Aroclor 1242	—	—	—	—	—	—	—	—	—	—	< 0.0072 U	< 0.0073 U	< 0.0073 U	< 0.0070 U	< 0.0071 U	< 0.0072 U
Aroclor 1248	—	—	—	—	—	—	—	—	—	—	< 0.0072 U	< 0.0073 U	< 0.0073 U	< 0.0070 U	< 0.0071 U	< 0.0072 U
Aroclor 1254	—	—	—	—	—	—	—	—	—	—	< 0.0072 U	< 0.0073 U	< 0.0073 U	< 0.0070 U	< 0.0071 U	< 0.0072 U
Aroclor 1260	—	—	—	—	—	—	—	—	—	—	< 0.0072 U	< 0.0073 U	< 0.0073 U	< 0.0070 U	< 0.0071 U	< 0.0072 U
Aroclor 1262	—	—	—	—	—	—	—	—	—	—	< 0.0072 U	< 0.0073 U	< 0.0073 U	< 0.0070 U	< 0.0071 U	< 0.0072 U
Aroclor 1268	—	—	—	—	—	—	—	—	—	—	< 0.0072 U	< 0.0073 U	< 0.0073 U	< 0.0070 U	< 0.0071 U	< 0.0072 U

Appendix B2 Table 1
Analytical Data Summary Table - Phase I Soil
Camp Hero Remedial Investigation
Montauk, New York

	CH-AOC-2010 2010-SB01 2010-SB01-04 6/15/2016 N 0 - 4 ft	CH-AOC-2010 2010-SB01 2010-SB01-05 6/15/2016 N 4 - 5 ft	CH-AOC-2010 2010-SB01 2010-SB01-06 6/15/2016 N 5 - 6 ft	CH-AOC-2010 2010-SB01 2010-SB01-07 6/15/2016 N 6 - 7 ft	CH-AOC-2010 2010-SB02 2010-SB02-04 6/15/2016 N 0 - 4 ft	CH-AOC-2010 2010-SB02 2010-SB02-04 DUP 6/15/2016 FD 2010-SB02-04 0 - 4 ft	CH-AOC-2010 2010-SB02 2010-SB02-05 6/15/2016 N 4 - 5 ft	CH-AOC-2010 2010-SB02 2010-SB02-05 DUP 6/15/2016 FD 2010-SB02-05 4 - 5 ft	CH-AOC-2010 2010-SB02 2010-SB02-06 6/15/2016 N 5 - 6 ft	CH-AOC-2010 2010-SB02 2010-SB02-07 6/15/2016 N 6 - 7 ft	CH-AOC-203 203-SB01 203-SB01-10 6/16/2016 N 9 - 10 ft	CH-AOC-203 203-SB01 203-SB01-12 6/16/2016 N 11 - 12 ft	CH-AOC-203 203-SB02 203-SB02-02 6/16/2016 N 1 - 2 ft	CH-AOC-203 203-SB03 203-SB03-04 6/16/2016 N 3 - 4 ft	CH-AOC-203 203-SB03 203-SB03-05 6/16/2016 N 4 - 5 ft	CH-AOC-203 203-SB04 203-SB04-11 6/16/2016 N 10 - 11 ft	
Chemical																	
SVOCs Continued																	
Pentachlorophenol	—	—	—	—	—	—	—	—	—	—	< 0.090 UJ	< 0.093 UJ	< 0.090 UJ	< 0.088 UJ	< 0.089 UJ	< 0.090 UJ	
Phenanthrene	—	—	—	—	—	—	—	—	—	—	< 0.0022 U	< 0.0022 U	0.0051	0.0021	0.0032	< 0.00072 U	
Phenol	—	—	—	—	—	—	—	—	—	—	< 0.090 U	< 0.093 U	< 0.090 UJ	< 0.088 U	< 0.089 U	< 0.090 U	
Pyrene	—	—	—	—	—	—	—	—	—	—	< 0.0022 U	< 0.0022 U	0.0022	< 0.0021 U	< 0.0021 U	< 0.00072 U	
VOCs																	
1,1,1,2-Tetrachloroethane	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
1,1,1-Trichloroethane	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
1,1,2,2-Tetrachloroethane	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
1,1,2-Trichloroethane	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
1,1-Dichloroethane	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
1,1-Dichloroethene	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
1,2,3-Trichloropropane	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
1,2,4-Trimethylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1,2-Dibromo-3-chloropropane	—	—	—	—	—	—	—	—	—	—	< 0.0019 UJ	< 0.0018 U	< 0.0019 U	< 0.0019 UJ	< 0.0020 UJ	< 0.0019 UJ	
1,2-Dibromoethane	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
1,2-Dichloroethane	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
1,2-Dichloropropane	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
1,3,5-Trimethylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2-Butanone	—	—	—	—	—	—	—	—	—	—	< 0.0094 UJ	< 0.0089 UJ	< 0.0096 UJ	< 0.0093 UJ	< 0.010 UJ	< 0.0097 UJ	
2-Hexanone	—	—	—	—	—	—	—	—	—	—	< 0.0019 U	< 0.0018 U	< 0.0019 U	< 0.0019 U	< 0.0020 U	< 0.0019 U	
4-Isopropyltoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Acetone	—	—	—	—	—	—	—	—	—	—	< 0.0019 UJ	0.012	0.075	0.0058 J	< 0.0020 UJ	0.0060 J	
Benzene	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
Bromodichloromethane	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
Bromoform	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
Carbon disulfide	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	0.00095	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
Carbon tetrachloride	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
Chlorobenzene	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
Chloroethane	—	—	—	—	—	—	—	—	—	—	< 0.00094 U	< 0.00089 U	< 0.00096 U	< 0.00093 U	< 0.0010 U	< 0.00097 U	
Chloroform	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
Chloromethane	—	—	—	—	—	—	—	—	—	—	< 0.0014 UJ	< 0.00053 U	< 0.00058 U	< 0.0014 UJ	< 0.0013 UJ	< 0.0012 UJ	
cis-1,2-Dichloroethene	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
cis-1,3-Dichloropropene	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 UJ	< 0.00058 UJ	< 0.00056 U	< 0.00061 U	< 0.00058 U	
Dibromochloromethane	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
Dichlorodifluoromethane	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
Trichloroethene	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
Trichlorofluoromethane	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
Vinyl Acetate	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
Vinyl chloride	—	—	—	—	—	—	—	—	—	—	< 0.00056 U	< 0.00053 U	< 0.00058 U	< 0.00056 U	< 0.00061 U	< 0.00058 U	
Xylenes (total)	—	—	—	—	—	—	—	—	—	—	< 0.0017 U	< 0.0016 U	< 0.0017 U	< 0.0017 U	< 0.0018 U	< 0.0018 U	

Appendix B2 Table 1
Analytical Data Summary Table - Phase I Soil
Camp Hero Remedial Investigation
Montauk, New York

	CH-AOC-203 203-SB04 203-SB04-14 6/16/2016 N 13 - 14 ft	CH-AOC-203 203-SB05 203-SB05-05 6/16/2016 N 4 - 5 ft	CH-AOC-203 203-SB05 203-SB05-21 6/16/2016 N 20 - 21 ft	CH-AOC-AST35 AST35-SB01 AST35-SB01-05 6/12/2016 N 4 - 5 ft	CH-AOC-AST35 AST35-SB01 AST35-SB01-05 DUP 6/12/2016 FD AST35-SB01-05 4 - 5 ft	CH-AOC-AST35 AST35-SB01 AST35-SB01-06 6/12/2016 N 5 - 6 ft	CH-AOC-AST35 AST35-SB02 AST35-SB02-02 6/12/2016 N 1 - 2 ft	CH-AOC-AST35 AST35-SB02 AST35-SB02-03 6/12/2016 N 2 - 3 ft	CH-AOC-AST35 AST35-SB03 AST35-SB03-02 6/12/2016 N 1 - 2 ft	CH-AOC-AST35 AST35-SB03 AST35-SB03-01 6/12/2016 N 0 - 1 ft	CH-AOC-AST35 AST35-SB04 AST35-SB04-03 6/12/2016 N 2 - 3 ft	CH-AOC-AST35 AST35-SB04 AST35-SB04-04 6/12/2016 N 3 - 4 ft	CH-AOC-EFO EFO-SB01 EFO-SB01-08 6/13/2016 N 7 - 8 ft	CH-AOC-EFO EFO-SB01 EFO-SS01-01 6/13/2016 N 0 - 1 ft	CH-AOC-F100C F100C-SB01 F100C-SB01-04 6/10/2016 N 0 - 4 ft	
Chemical																
Explosives																
1,3,5-Trinitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	< 0.038 U	< 0.039 U	—	—
1,3-Dinitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	< 0.038 U	< 0.039 U	—	—
2,4,6-Trinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	< 0.038 U	< 0.039 U	—	—
2,4-Dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	< 0.038 U	< 0.039 U	—	—
2,6-Dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	< 0.038 U	< 0.039 U	—	—
2-Amino-4,6-dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	< 0.038 U	< 0.039 U	—	—
2-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	< 0.038 U	< 0.039 U	—	—
3-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	< 0.038 U	< 0.039 U	—	—
4-Amino-2,6-Dinitro Toluene	—	—	—	—	—	—	—	—	—	—	—	—	< 0.038 U	< 0.039 U	—	—
4-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	< 0.038 U	< 0.039 U	—	—
Hexahydro-1,3,5-trinitro-1,3,5-triazine	—	—	—	—	—	—	—	—	—	—	—	—	< 0.038 U	< 0.039 U	—	—
Methyl-2,4,6-trinitrophenylnitramine	—	—	—	—	—	—	—	—	—	—	—	—	< 0.038 U	< 0.039 U	—	—
Nitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	< 0.038 U	< 0.039 U	—	—
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	—	—	—	—	—	—	—	—	—	—	—	—	< 0.038 U	< 0.039 U	—	—
Metals																
Aluminum	7900	12000	10000 J	—	—	—	—	—	—	—	—	—	—	—	—	—
Antimony	2.8	3.5	3.5	—	—	—	—	—	—	—	—	—	—	—	—	—
Arsenic	1.1 J	2.8	1.6 J	—	—	—	—	—	—	—	—	—	—	—	—	—
Barium	41	34	42 J	—	—	—	—	—	—	—	—	—	—	—	—	—
Beryllium	0.084 J	0.11 J	0.23	—	—	—	—	—	—	—	—	—	—	—	—	—
Cadmium	0.023 J	< 0.038 U	0.032 J	—	—	—	—	—	—	—	—	—	—	—	—	—
Calcium (Ca)	410	730	810 J+	—	—	—	—	—	—	—	—	—	—	—	—	—
Chromium	13	15	13	—	—	—	—	—	—	—	—	—	—	—	—	—
Chromium(VI) (a)	0.95	1.1	0.95	—	—	—	—	—	—	—	—	—	—	—	—	—
Cobalt	2.7	3.7	3.8	—	—	—	—	—	—	—	—	—	—	—	—	—
Copper	31	31	31 J+	—	—	—	—	—	—	—	—	—	—	—	—	—
Iron (Fe)	13000	12000	12000 J	—	—	—	—	—	—	—	—	—	—	—	—	—
Lead	2.8 J	4.0	3.5 J	—	—	—	—	—	—	—	—	—	—	—	—	—
Lead	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.1
Magnesium (Mg)	2100	2200	2100 J	—	—	—	—	—	—	—	—	—	—	—	—	—
Manganese (Mn)	120	110	130 J	—	—	—	—	—	—	—	—	—	—	—	—	—
Nickel	6.3	8.8	8.4 J+	—	—	—	—	—	—	—	—	—	—	—	—	—
Potassium (K)	1400	1200	1500 J	—	—	—	—	—	—	—	—	—	—	—	—	—
Selenium	< 1.0 U	< 1.1 U	< 1.3 U	—	—	—	—	—	—	—	—	—	—	—	—	—
Silver	< 0.17 U	< 0.19 U	< 0.22 U	—	—	—	—	—	—	—	—	—	—	—	—	—
Sodium (Na)	73	81	120	—	—	—	—	—	—	—	—	—	—	—	—	—
Thallium	0.24	0.16	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—
Vanadium	19	23	22 J+	—	—	—	—	—	—	—	—	—	—	—	—	—
Zinc	15	20	16	—	—	—	—	—	—	—	—	—	—	—	—	—
PCBs																
Aroclor 1016	< 0.0070 U	< 0.0076 U	< 0.0086 U	—	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1221	< 0.0070 U	< 0.0076 U	< 0.0086 U	—	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1232	< 0.0070 U	< 0.0076 U	< 0.0086 U	—	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1242	< 0.0070 U	< 0.0076 U	< 0.0086 U	—	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1248	< 0.0070 U	< 0.0076 U	< 0.0086 U	—	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1254	< 0.0070 U	< 0.0076 U	< 0.0086 U	—	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1260	< 0.0070 U	< 0.0076 U	< 0.0086 U	—	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1262	< 0.0070 U	< 0.0076 U	< 0.0086 U	—	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1268	< 0.0070 U	< 0.0076 U	< 0.0086 U	—	—	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 1
Analytical Data Summary Table - Phase I Soil
Camp Hero Remedial Investigation
Montauk, New York

	CH-AOC-203 203-SB04 203-SB04-14 6/16/2016 N 13 - 14 ft	CH-AOC-203 203-SB05 203-SB05-05 6/16/2016 N 4 - 5 ft	CH-AOC-203 203-SB05 203-SB05-21 6/16/2016 N 20 - 21 ft	CH-AOC-AST35 AST35-SB01 AST35-SB01-05 6/12/2016 N 4 - 5 ft	CH-AOC-AST35 AST35-SB01 AST35-SB01-05 DUP 6/12/2016 FD AST35-SB01-05 4 - 5 ft	CH-AOC-AST35 AST35-SB01 AST35-SB01-06 6/12/2016 N 5 - 6 ft	CH-AOC-AST35 AST35-SB02 AST35-SB02-02 6/12/2016 N 1 - 2 ft	CH-AOC-AST35 AST35-SB02 AST35-SB02-03 6/12/2016 N 2 - 3 ft	CH-AOC-AST35 AST35-SB03 AST35-SB03-02 6/12/2016 N 1 - 2 ft	CH-AOC-AST35 AST35-SB03 AST35-SS03-01 6/12/2016 N 0 - 1 ft	CH-AOC-AST35 AST35-SB04 AST35-SB04-03 6/12/2016 N 2 - 3 ft	CH-AOC-AST35 AST35-SB04 AST35-SB04-04 6/12/2016 N 3 - 4 ft	CH-AOC-EFO EFO-SB01 EFO-SB01-08 6/13/2016 N 7 - 8 ft	CH-AOC-EFO EFO-SB01 EFO-SS01-01 6/13/2016 N 0 - 1 ft	CH-AOC-F100C F100C-SB01 F100C-SB01-04 6/10/2016 N 0 - 4 ft
Chemical															
SVOCs Continued															
Pentachlorophenol	< 0.087 UJ	< 0.095 UJ	< 0.11 UJ	—	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	< 0.00071 U	0.0089	45 J	0.014 J	0.0058 J	0.0062	0.0024	0.0017	0.0055	0.0068	0.0079	0.0071	—	—	—
Phenol	< 0.087 U	< 0.095 U	< 0.11 U	—	—	—	—	—	—	—	—	—	—	—	—
Pyrene	< 0.00071 U	0.014	4.4 J-	0.018 J	0.0074 J	0.0068	0.0032	0.0022	0.0078	0.0088	0.011 J-	0.0063	—	—	—
VOCs															
1,1,1,2-Tetrachloroethane	< 0.00050 U	< 0.00061 U	< 0.00066 UJ	—	—	—	—	—	—	—	—	—	—	—	—
1,1,1-Trichloroethane	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
1,1,2,2-Tetrachloroethane	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
1,1,2-Trichloroethane	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
1,1-Dichloroethane	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
1,1-Dichloroethene	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
1,2,3-Trichloropropane	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
1,2,4-Trimethylbenzene	—	—	—	< 0.00056 U	< 0.00048 U	< 0.00053 U	< 0.00051 U	< 0.00053 U	< 0.00063 U	< 0.00049 U	< 0.059 UJ	< 0.00055 U	—	—	—
1,2-Dibromo-3-chloropropane	< 0.0017 UJ	< 0.0020 UJ	< 0.0022 UJ	—	—	—	—	—	—	—	—	—	—	—	—
1,2-Dibromoethane	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
1,2-Dichloroethane	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
1,2-Dichloropropane	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
1,3,5-Trimethylbenzene	—	—	—	< 0.00056 U	< 0.00048 U	< 0.00053 U	< 0.00051 U	< 0.00053 U	< 0.00063 U	< 0.00049 U	< 0.059 U	< 0.00055 U	—	—	—
2-Butanone	< 0.0083 UJ	< 0.010 UJ	< 0.011 UJ	—	—	—	—	—	—	—	—	—	—	—	—
2-Hexanone	< 0.0017 U	< 0.0020 U	< 0.0022 U	—	—	—	—	—	—	—	—	—	—	—	—
4-Isopropyltoluene	—	—	—	< 0.00056 UJ	0.00034 J	< 0.00053 U	< 0.00051 U	< 0.00053 U	< 0.00063 U	< 0.00049 U	< 0.059 UJ	< 0.00055 U	—	—	—
Acetone	< 0.0017 UJ	0.045 J-	< 0.0022 UJ	—	—	—	—	—	—	—	—	—	—	—	—
Benzene	< 0.00050 U	< 0.00061 U	0.48	< 0.00056 U	< 0.00048 U	< 0.00053 U	< 0.00051 U	< 0.00053 U	< 0.00063 U	< 0.00049 U	< 0.059 U	< 0.00055 U	—	—	—
Bromodichloromethane	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
Bromoform	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
Carbon disulfide	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
Carbon tetrachloride	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
Chlorobenzene	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
Chloroethane	< 0.00083 U	< 0.0010 U	< 0.0011 U	—	—	—	—	—	—	—	—	—	—	—	—
Chloroform	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
Chloromethane	< 0.0011 UJ	< 0.0013 UJ	< 0.0015 UJ	—	—	—	—	—	—	—	—	—	—	—	—
cis-1,2-Dichloroethene	< 0.00050 U	< 0.00061 U	0.0025 J-	—	—	—	—	—	—	—	—	—	—	—	—
cis-1,3-Dichloropropene	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
Dibromochloromethane	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
Dichlorodifluoromethane	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
Trichloroethene	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
Trichlorofluoromethane	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
Vinyl Acetate	< 0.00050 U	< 0.00061 U	< 0.00066 UJ	—	—	—	—	—	—	—	—	—	—	—	—
Vinyl chloride	< 0.00050 U	< 0.00061 U	< 0.00066 U	—	—	—	—	—	—	—	—	—	—	—	—
Xylenes (total)	< 0.0015 U	< 0.0018 U	6.1	< 0.0017 U	< 0.0015 U	< 0.0016 U	< 0.0015 U	< 0.0016 U	< 0.0019 U	< 0.0015 U	< 0.18 U	< 0.0017 U	—	—	—

Appendix B2 Table 1
Analytical Data Summary Table - Phase I Soil
Camp Hero Remedial Investigation
Montauk, New York

	CH-AOC-F100C F100C-SB01 F100C-SB01-04 DUP 6/10/2016 FD F100C-SB01-04 0 - 4 ft	CH-AOC-F100C F100C-SB01 F100C-SB01-05 6/10/2016 N	CH-AOC-F100C F100C-SB01 F100C-SB01-06 6/10/2016 N	CH-AOC-F100C F100C-SB01 F100C-SB01-07 6/10/2016 N	CH-AOC-F100C F100C-SB02 F100C-SB02-04 6/10/2016 N	CH-AOC-F100C F100C-SB02 F100C-SB02-04 DUP 6/10/2016 FD F100C-SB02-04 0 - 4 ft	CH-AOC-F100C F100C-SB02 F100C-SB02-05 6/10/2016 N	CH-AOC-F100C F100C-SB02 F100C-SB02-06 6/10/2016 N	CH-AOC-F100C F100C-SB02 F100C-SB02-07 6/10/2016 N	CH-AOC-FPH FPH-SB01 FPH-SS01-01 6/12/2016 N	CH-AOC-FPH FPH-SB01 FPH-SS01-01 DUP 6/12/2016 FD FPH-SS01-01 0 - 1 ft	CH-AOC-FPH FPH-SB02 FPH-SB02-02 6/12/2016 N	CH-AOC-FPH FPH-SB02 FPH-SS02-01 6/12/2016 N	CH-AOC-FPH FPH-SB03 FPH-SB03-02 6/12/2016 N	CH-AOC-FPH FPH-SB03 FPH-SS03-01 6/12/2016 N
Chemical															
Explosives															
1,3,5-Trinitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,3-Dinitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,4,6-Trinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,4-Dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,6-Dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Amino-4,6-dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Amino-2,6-Dinitro Toluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hexahydro-1,3,5-trinitro-1,3,5-triazine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Methyl-2,4,6-trinitrophenylnitramine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Metals															
Aluminum	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Antimony	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arsenic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Barium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Beryllium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cadmium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Calcium (Ca)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chromium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chromium(VI) (a)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cobalt	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Copper	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Iron (Fe)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lead	5.9	4.9	5.6	3.9	6.2	5.5	5.2	5.1	5.1	—	—	—	—	—	—
Magnesium (Mg)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manganese (Mn)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nickel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Potassium (K)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Selenium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Silver	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sodium (Na)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Thallium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vanadium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Zinc	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
PCBs															
Aroclor 1016	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1221	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1232	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1242	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1248	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1254	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1260	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1262	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1268	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 1
Analytical Data Summary Table - Phase I Soil
Camp Hero Remedial Investigation
Montauk, New York

	CH-AOC-F100C F100C-SB01 F100C-SB01-04 DUP 6/10/2016 FD F100C-SB01-04 0 - 4 ft	CH-AOC-F100C F100C-SB01 F100C-SB01-05 6/10/2016 N	CH-AOC-F100C F100C-SB01 F100C-SB01-06 6/10/2016 N	CH-AOC-F100C F100C-SB01 F100C-SB01-07 6/10/2016 N	CH-AOC-F100C F100C-SB02 F100C-SB02-04 6/10/2016 N	CH-AOC-F100C F100C-SB02 F100C-SB02-04 DUP 6/10/2016 FD F100C-SB02-04 0 - 4 ft	CH-AOC-F100C F100C-SB02 F100C-SB02-05 6/10/2016 N	CH-AOC-F100C F100C-SB02 F100C-SB02-06 6/10/2016 N	CH-AOC-F100C F100C-SB02 F100C-SB02-07 6/10/2016 N	CH-AOC-FPH FPH-SB01 FPH-SS01-01 6/12/2016 N	CH-AOC-FPH FPH-SB01 FPH-SS01-01 DUP 6/12/2016 FD FPH-SS01-01 0 - 1 ft	CH-AOC-FPH FPH-SB02 FPH-SB02-02 6/12/2016 N	CH-AOC-FPH FPH-SB02 FPH-SS02-01 6/12/2016 N	CH-AOC-FPH FPH-SB03 FPH-SB03-02 6/12/2016 N	CH-AOC-FPH FPH-SB03 FPH-SS03-01 6/12/2016 N
Chemical															
SVOCs															
1,2,4-Trichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,2-Dichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,3-Dichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,4-Dichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1-Methylnaphthalene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,4,5-Trichlorophenol	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,4,6-Trichlorophenol	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,4-Dichlorophenol	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,4-Dimethylphenol	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,4-Dinitrophenol	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,4-Dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,6-Dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Chloronaphthalene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Chlorophenol	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Methylnaphthalene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Methylphenol	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Nitroaniline	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Nitrophenol	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3,3-Dichlorobenzidine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3,4-Methylphenol	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3-Nitroaniline	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4,6-Dinitro-2-methylphenol	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Bromophenyl-phenylether	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Chloro-3-methylphenol	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Chloroaniline	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Chlorophenyl-phenylether	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Nitroaniline	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Nitrophenol	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acenaphthene	—	—	—	—	—	—	—	—	—	0.0035	0.0030	0.0014	0.0036	< 0.00077 UJ	0.0013
Acenaphthylene	—	—	—	—	—	—	—	—	—	< 0.00076 U	< 0.00074 U	< 0.00073 U	0.0019	0.0021 J-	0.0030
Anthracene	—	—	—	—	—	—	—	—	—	0.0072 J	0.0039 J	0.00098	0.0076	0.11	0.12
Benzo(a)anthracene	—	—	—	—	—	—	—	—	—	0.025 J	0.0021 J	0.0020	0.033	0.010 J-	0.011
Benzo(a)pyrene	—	—	—	—	—	—	—	—	—	0.015 J	0.0016 J	0.0015	0.023	0.0060 J-	0.0081
Benzo(b)fluoranthene	—	—	—	—	—	—	—	—	—	0.026 J	0.0035 J	0.0030	0.038	0.012 J-	0.017
Benzo(g,h,i)perylene	—	—	—	—	—	—	—	—	—	0.0090 J	0.0016 J	0.0013	0.016	0.0063 J-	0.0074
Benzo(k)fluoranthene	—	—	—	—	—	—	—	—	—	0.0047 J	0.0010 J	< 0.00073 U	0.013	0.0020 J-	0.0036
Benzoic acid	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Benzyl Alcohol	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bis(2-chloro-1-methylethyl) ether	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bis(2-chloroethoxy)methane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bis(2-chloroethyl)ether	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CARBAZOLE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chrysene	—	—	—	—	—	—	—	—	—	0.015 J	0.0019 J	0.0017	0.025	0.0061 J-	0.0090
Dibenz(a,h)anthracene	—	—	—	—	—	—	—	—	—	0.0039 J	< 0.00074 UJ	< 0.00073 U	0.0046	< 0.00077 UJ	0.0018
Dibenzofuran	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diethyl phthalate	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dimethyl phthalate	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fluoranthene	—	—	—	—	—	—	—	—	—	0.046 J	0.0041 J	0.0042	0.058	< 0.00077 UJ	0.015
Fluorene	—	—	—	—	—	—	—	—	—	0.0041	0.0030	0.0024	0.0056	< 0.00077 UJ	< 0.00084 U
Hexachlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hexachlorobutadiene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hexachloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	—	—	—	—	—	—	—	—	—	0.0076 J	0.0013 J	0.0011	0.014	0.0053 J-	0.0062
Isophorone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Naphthalene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
n-Nitrosodimethylamine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
n-Nitroso-di-n-propylamine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
n-Nitrosodiphenylamine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 1
Analytical Data Summary Table - Phase I Soil
Camp Hero Remedial Investigation
Montauk, New York

	CH-AOC-F100C F100C-SB01 F100C-SB01-04 DUP 6/10/2016 FD F100C-SB01-04 0 - 4 ft	CH-AOC-F100C F100C-SB01 F100C-SB01-05 6/10/2016 N	CH-AOC-F100C F100C-SB01 F100C-SB01-06 6/10/2016 N	CH-AOC-F100C F100C-SB01 F100C-SB01-07 6/10/2016 N	CH-AOC-F100C F100C-SB02 F100C-SB02-04 6/10/2016 N	CH-AOC-F100C F100C-SB02 F100C-SB02-04 DUP 6/10/2016 FD F100C-SB02-04 0 - 4 ft	CH-AOC-F100C F100C-SB02 F100C-SB02-05 6/10/2016 N	CH-AOC-F100C F100C-SB02 F100C-SB02-06 6/10/2016 N	CH-AOC-F100C F100C-SB02 F100C-SB02-07 6/10/2016 N	CH-AOC-FPH FPH-SB01 FPH-SS01-01 6/12/2016 N	CH-AOC-FPH FPH-SB01 FPH-SS01-01 DUP 6/12/2016 FD FPH-SS01-01 0 - 1 ft	CH-AOC-FPH FPH-SB02 FPH-SB02-02 6/12/2016 N	CH-AOC-FPH FPH-SB02 FPH-SS02-01 6/12/2016 N	CH-AOC-FPH FPH-SB03 FPH-SB03-02 6/12/2016 N	CH-AOC-FPH FPH-SB03 FPH-SS03-01 6/12/2016 N
Chemical															
SVOCs Continued															
Pentachlorophenol	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	—	—	—	—	—	—	—	—	—	0.037 J	0.0047 J	0.011	0.053	0.030 J-	0.030
Phenol	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pyrene	—	—	—	—	—	—	—	—	—	0.038 J	0.0039 J	0.0045	0.049	< 0.00077 UJ	0.018
VOCs															
1,1,1,2-Tetrachloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,1,1-Trichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,1,2,2-Tetrachloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,1,2-Trichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,1-Dichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,1-Dichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,2,3-Trichloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,2,4-Trimethylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,2-Dibromo-3-chloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,2-Dibromoethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,2-Dichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,2-Dichloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,3,5-Trimethylbenzene	—	—	—	—	—	—	—	—	—	< 0.00065 U	< 0.00055 U	< 0.00056 U	< 0.058 UJ	< 0.00060 U	< 0.084 UJ
2-Butanone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Hexanone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Isopropyltoluene	—	—	—	—	—	—	—	—	—	< 0.00065 U	< 0.00055 U	< 0.00056 U	< 0.058 U	0.0017	< 0.084 U
Acetone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Benzene	—	—	—	—	—	—	—	—	—	< 0.00065 U	< 0.00055 U	< 0.00056 U	< 0.058 U	< 0.00060 U	< 0.084 U
Bromodichloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bromoform	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Carbon disulfide	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Carbon tetrachloride	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chloroform	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
cis-1,2-Dichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
cis-1,3-Dichloropropene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dibromochloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dichlorodifluoromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Trichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Trichlorofluoromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vinyl Acetate	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vinyl chloride	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Xylenes (total)	—	—	—	—	—	—	—	—	—	< 0.0020 U	< 0.0017 U	< 0.0017 U	< 0.18 U	< 0.0018 U	< 0.25 U

Appendix B2 Table 1
Analytical Data Summary Table - Phase I Soil
Camp Hero Remedial Investigation
Montauk, New York

	CH-AOC-FPH FPH-SB04 FPH-SB04-04 6/12/2016 N 3 - 4 ft	CH-AOC-FPH FPH-SB04 FPH-SB04-05 6/12/2016 N 4 - 5 ft	CH-AOC-H1 H1-SS01 H1-SS01-01 6/15/2016 N 0 - 1 ft	CH-AOC-H1 H1-SS01 H1-SS01-02 6/15/2016 N 1 - 2 ft	CH-AOC-H1 H1-SS02 H1-SS02-01 6/15/2016 N 0 - 1 ft	CH-AOC-H1 H1-SS02 H1-SS02-02 6/15/2016 N 1 - 2 ft	CH-AOC-H11 H11-SB01 H11-SB01-04 6/7/2016 N 3 - 4 ft	CH-AOC-H11 H11-SB01 H11-SB01-01 6/7/2016 N 0 - 1 ft	CH-AOC-H11 H11-SB02 H11-SB02-04 6/7/2016 N 3 - 4 ft	CH-AOC-H11 H11-SB02 H11-SB02-06 6/7/2016 N 5 - 6 ft	CH-AOC-H11 H11-SB02 H11-SS02-01 6/7/2016 N 0 - 1 ft	CH-AOC-H12 H12-SB01 H12-SB01-05 6/7/2016 N 4 - 5 ft	CH-AOC-H12 H12-SB01 H12-SS01-01 6/7/2016 N 0 - 1 ft	CH-AOC-H14 H14-SB01 H14-SB01-07 6/21/2016 N 6 - 7 ft	CH-AOC-H14 H14-SB01 H14-SB01-07 DUP 6/13/2016 FD H14-SB01-07 6 - 7 ft	CH-AOC-H14 H14-SB01 H14-SS01-01 6/13/2016 N 0 - 1 ft	CH-AOC-H14 H14-SB02 H14-SB02-25 6/13/2016 N 24 - 25 ft	
Chemical																		
Explosives																		
1,3,5-Trinitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,3-Dinitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,4,6-Trinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,4-Dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,6-Dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Amino-4,6-dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Amino-2,6-Dinitro Toluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hexahydro-1,3,5-trinitro-1,3,5-triazine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Methyl-2,4,6-trinitrophenylnitramine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Metals																		
Aluminum	—	—	4300	6100	3700	7500	7200	3300	12000	9800	13000	6700	3200	8200 J	3000 J	13000	8800	
Antimony	—	—	0.78 J	1.1	1.3	2.3	0.78	0.39 J	1.9	2.7	2.0	2.0	1.7	2.6	1.7	5.5	2.6	
Arsenic	—	—	0.90 J	< 0.88 U	0.86 J	< 0.77 U	9.4	11	1.8	2.4	3.3	1.7	1.8	2.0	2.1	2.6	1.4	
Barium	—	—	19	22	20	58	16	13	20	22	24	23	23	35 J	20 J	42	37	
Beryllium	—	—	0.063 J	0.025 J	0.85	0.47	0.17 J	0.075 J	0.34	0.33	0.42	0.11 J	0.037 J	0.092 J	0.071 J	0.18	0.11 J	
Cadmium	—	—	0.066 J	0.045 J	0.69	0.41	0.033 J	0.049 J	0.19 J	0.090 J	0.031 J	0.051 J	0.025 J	0.042 J	< 0.034 UJ	0.065 J	< 0.035 U	
Calcium (Ca)	—	—	860	790	720	1300	830	980	920	1600	1000	790	300	320 J	190 J	800	440	
Chromium	—	—	6.7	8.2	5.5	13	14	5.4	12	13	13	9.7	7.1	12	7.7	22	12	
Chromium(VI) (a)	—	—	0.49	0.60	0.40	0.95	1.0	0.39	0.88	0.95	0.95	0.71	0.52	0.88	—	1.6	0.88	
Cobalt	—	—	0.78 J	1.1	1.4	2.3	0.87	0.46 J	1.9	2.7	2.1	2.1	1.7	2.6	1.7	5.5	2.7	
Copper	—	—	8.4	7.3	6.0	15	40	18	26	25	26	22	20	28	21	44	29	
Iron (Fe)	—	—	3300	2900	1700	5500	17000	7000	11000	10000	12000	8100	6900	12000	8300	15000	13000	
Lead	—	—	2.5 J	2.9 J	3.6 J	3.3 J	2.7 J	3.8 J	9.7	10	4.0	18	64	2.5 J	1.5 J	3.3 J	2.4 J	
Lead	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Magnesium (Mg)	—	—	490	640	430	1800	740	380	1000	1600	1200	1100	830	1600 J	730 J	3800	1700	
Manganese (Mn)	—	—	43	49	49	97	75	52	98	130	95	100	77	210 J	83 J	190	220	
Nickel	—	—	2.4 J	2.4 J	2.8 J	7.4	5.2	3.0 J	7.0	7.6	7.9	4.9	3.3 J	5.4 J	2.2 J	13	5.9	
Potassium (K)	—	—	370	410	340	680	270	210	460	800	560	610	740	1200 J	520 J	2200	1200	
Selenium	—	—	< 1.4 U	< 1.3 U	< 1.4 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.0 U	< 1.1 U	< 1.1 U	
Silver	—	—	< 0.24 U	< 0.22 U	0.63 J	0.31 J	< 0.19 U	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U	< 0.17 U	< 0.18 U	< 0.18 U	
Sodium (Na)	—	—	79	69	100	120	52	55	70	81	61	59	44	70	48	130	77	
Thallium	—	—	0.068 J	0.050 J	< 0.046 U	0.057 J	0.063 J	0.062 J	0.076 J	0.074 J	0.073 J	0.075 J	0.067 J	0.14 J	0.077 J	0.16	0.13 J	
Vanadium	—	—	6.3	7.7	6.4	10	24	8.9	20	18	22	12	9.3	16 J	7.7 J	26	17	
Zinc	—	—	11	12	24	25	8.6	5.0	35	29	12	17	17	13 J	6.3 J	25	14	
PCBs																		
Aroclor 1016	—	—	< 0.0096 U	< 0.0089 U	< 0.0091 U	< 0.0081 U	< 0.0080 U	< 0.0078 U	< 0.0080 U	< 0.0079 U	< 0.0076 U	< 0.0075 U	< 0.0075 U	—	—	—	—	
Aroclor 1221	—	—	< 0.0096 U	< 0.0089 U	< 0.0091 U	< 0.0081 U	< 0.0080 U	< 0.0078 U	< 0.0080 U	< 0.0079 U	< 0.0076 U	< 0.0075 U	< 0.0075 U	—	—	—	—	
Aroclor 1232	—	—	< 0.0096 U	< 0.0089 U	< 0.0091 U	< 0.0081 U	< 0.0080 U	< 0.0078 U	< 0.0080 U	< 0.0079 U	< 0.0076 U	< 0.0075 U	< 0.0075 U	—	—	—	—	
Aroclor 1242	—	—	< 0.0096 U	< 0.0089 U	< 0.0091 U	< 0.0081 U	< 0.0080 U	< 0.0078 U	< 0.0080 U	< 0.0079 U	< 0.0076 U	< 0.0075 U	< 0.0075 U	—	—	—	—	
Aroclor 1248	—	—	< 0.0096 U	< 0.0089 U	< 0.0091 U	< 0.0081 U	< 0.0080 U	< 0.0078 U	< 0.0080 U	< 0.0079 U	< 0.0076 U	< 0.0075 U	< 0.0075 U	—	—	—	—	
Aroclor 1254	—	—	< 0.0096 U	< 0.0089 U	< 0.0091 U	< 0.0081 U	< 0.0080 U	< 0.0078 U	< 0.0080 U	0.077	< 0.0076 U	< 0.0075 U	< 0.0075 U	—	—	—	—	
Aroclor 1260	—	—	< 0.0096 U	< 0.0089 U	< 0.0091 U	< 0.0081 U	< 0.0080 U	< 0.0078 U	< 0.0080 U	< 0.0079 U	< 0.0076 U	< 0.0075 U	< 0.0075 U	—	—	—	—	
Aroclor 1262	—	—	< 0.0096 U	< 0.0089 U	< 0.0091 U	< 0.0081 U	< 0.0080 U	< 0.0078 U	< 0.0080 U	< 0.0079 U	< 0.0076 U	< 0.0075 U	< 0.0075 U	—	—	—	—	
Aroclor 1268	—	—	< 0.0096 U	< 0.0089 U	< 0.0091 U	< 0.0081 U	< 0.0080 U	< 0.0078 U	< 0.0080 U	< 0.0079 U	< 0.0076 U	< 0.0075 U	< 0.0075 U	—	—	—	—	

Appendix B2 Table 1
Analytical Data Summary Table - Phase I Soil
Camp Hero Remedial Investigation
Montauk, New York

	CH-AOC-FPH FPH-SB04 FPH-SB04-04 6/12/2016 N 3 - 4 ft	CH-AOC-FPH FPH-SB04 FPH-SB04-05 6/12/2016 N 4 - 5 ft	CH-AOC-H1 H1-SS01 H1-SS01-01 6/15/2016 N 0 - 1 ft	CH-AOC-H1 H1-SS01 H1-SS01-02 6/15/2016 N 1 - 2 ft	CH-AOC-H1 H1-SS02 H1-SS02-01 6/15/2016 N 0 - 1 ft	CH-AOC-H1 H1-SS02 H1-SS02-02 6/15/2016 N 1 - 2 ft	CH-AOC-H11 H11-SB01 H11-SB01-04 6/7/2016 N 3 - 4 ft	CH-AOC-H11 H11-SB01 H11-SB01-01 6/7/2016 N 0 - 1 ft	CH-AOC-H11 H11-SB02 H11-SB02-04 6/7/2016 N 3 - 4 ft	CH-AOC-H11 H11-SB02 H11-SB02-06 6/7/2016 N 5 - 6 ft	CH-AOC-H11 H11-SB02 H11-SS02-01 6/7/2016 N 0 - 1 ft	CH-AOC-H12 H12-SB01 H12-SB01-05 6/7/2016 N 4 - 5 ft	CH-AOC-H12 H12-SB01 H12-SS01-01 6/7/2016 N 0 - 1 ft	CH-AOC-H14 H14-SB01 H14-SB01-07 6/21/2016 N 6 - 7 ft	CH-AOC-H14 H14-SB01 H14-SB01-07 DUP 6/13/2016 FD H14-SB01-07 6 - 7 ft	CH-AOC-H14 H14-SB01 H14-SS01-01 6/13/2016 N 0 - 1 ft	CH-AOC-H14 H14-SB02 H14-SB02-25 6/13/2016 N 24 - 25 ft
Chemical																	
SVOCs Continued																	
Pentachlorophenol	—	—	< 0.12 U	< 0.11 U	< 0.11 U	< 0.10 U	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	0.038	0.38	0.0046	0.0025 J+	0.0014 J+	< 0.00079 U	< 0.00080 U	0.020	7.0	8.9	0.023	0.040	0.15	0.0011 J	< 0.00068 UJ	< 0.00073 U	< 0.00073 U
Phenol	—	—	< 0.12 U	< 0.11 U	< 0.11 U	< 0.10 U	—	—	—	—	—	—	—	—	—	—	—
Pyrene	0.037	0.033	0.0074	0.0041 J+	0.0024 J+	< 0.00079 U	< 0.00080 U	0.063	1.2	8.7	0.032	0.070	0.25	0.0015 J	< 0.00068 UJ	< 0.00073 U	< 0.00073 U
VOCs																	
1,1,1,2-Tetrachloroethane	—	—	< 0.12 UJ	< 0.11 UJ	< 0.082 UJ	< 0.073 UJ	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
1,1,1-Trichloroethane	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
1,1,2,2-Tetrachloroethane	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
1,1,2-Trichloroethane	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
1,1-Dichloroethane	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
1,1-Dichloroethene	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
1,2,3-Trichloropropane	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
1,2,4-Trimethylbenzene	< 0.064 UJ	< 0.00086 U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,2-Dibromo-3-chloropropane	—	—	< 0.20 U	< 0.19 U	< 0.14 U	< 0.12 U	—	—	—	—	—	< 0.0018 U	< 0.0017 U	—	—	—	—
1,2-Dibromoethane	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
1,2-Dichloroethane	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
1,2-Dichloropropane	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
1,3,5-Trimethylbenzene	< 0.064 U	< 0.00086 U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Butanone	—	—	< 1.0 U	< 0.95 U	< 0.68 U	< 0.61 U	—	—	—	—	—	0.0078 J	0.011 J	—	—	—	—
2-Hexanone	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.0018 U	< 0.0017 U	—	—	—	—
4-Isopropyltoluene	< 0.064 U	< 0.00086 U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acetone	—	—	0.60 J	0.18 J	0.31 J	< 0.49 U	—	—	—	—	—	< 0.074 UJ	0.15 J+	—	—	—	—
Benzene	< 0.064 U	< 0.00086 U	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
Bromodichloromethane	—	—	< 0.12 UJ	< 0.11 UJ	< 0.082 UJ	< 0.073 UJ	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
Bromoform	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 UJ	< 0.00051 UJ	—	—	—	—
Carbon disulfide	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
Carbon tetrachloride	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
Chlorobenzene	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
Chloroethane	—	—	< 0.82 UJ	< 0.76 UJ	< 0.54 UJ	< 0.49 UJ	—	—	—	—	—	< 0.00091 U	< 0.00085 U	—	—	—	—
Chloroform	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
Chloromethane	—	—	< 0.24 U	< 0.23 U	< 0.14 U	< 0.20 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
cis-1,2-Dichloroethene	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
cis-1,3-Dichloropropene	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
Dibromochloromethane	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
Dichlorodifluoromethane	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
Trichloroethene	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
Trichlorofluoromethane	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
Vinyl Acetate	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
Vinyl chloride	—	—	< 0.12 U	< 0.11 U	< 0.082 U	< 0.073 U	—	—	—	—	—	< 0.00055 U	< 0.00051 U	—	—	—	—
Xylenes (total)	< 0.19 U	< 0.0026 U	< 0.31 U	< 0.29 U	< 0.20 U	< 0.18 U	—	—	—	—	—	< 0.0016 U	< 0.0015 U	—	—	—	—

Appendix B2 Table 1
Analytical Data Summary Table - Phase I Soil
Camp Hero Remedial Investigation
Montauk, New York

	CH-AOC-H14 H14-SB02 H14-SS02-01 6/13/2016 N 0 - 1 ft	CH-AOC-H14 H14-SB03 H14-SB03-06 6/13/2016 N 5 - 6 ft	CH-AOC-H14 H14-SB03 H14-SS03-01 6/13/2016 N 0 - 1 ft	CH-AOC-H15 H15-SB01 H15-SB01-25 6/15/2016 N 24 - 25 ft	CH-AOC-H15 H15-SB01 H15-SS01-01 6/15/2016 N 0 - 1 ft	CH-AOC-H15 H15-SB02 H15-SB02-22 6/15/2016 N 21 - 22 ft	CH-AOC-H15 H15-SB02 H15-SS02-01 6/15/2016 N 0 - 1 ft	CH-AOC-H15 H15-SB03 H15-SB03-18 6/15/2016 N 17 - 18 ft	CH-AOC-H15 H15-SB03 H15-SS03-01 6/15/2016 N 0 - 1 ft	CH-AOC-H16 H16-SB01 H16-SB01-05 6/13/2016 N 4 - 5 ft	CH-AOC-H16 H16-SB01 H16-SB01-05 DUP 6/13/2016 FD H16-SB01-05 4 - 5 ft	CH-AOC-H16 H16-SB01 H16-SS01-01 6/13/2016 N 0 - 1 ft	CH-AOC-H17 H17-SB01 H17-SB01-05 6/9/2016 N 4 - 5 ft	CH-AOC-H17 H17-SB01 H17-SS01-01 6/9/2016 N 0 - 1 ft	CH-AOC-H17 H17-SB02 H17-SB02-05 6/16/2016 N 4 - 5 ft	CH-AOC-H17 H17-SB02 H17-SS02-01 6/9/2016 N 0 - 1 ft	CH-AOC-H17 H17-SB03 H17-SB03-05 6/9/2016 N 4 - 5 ft	
Chemical																		
Explosives																		
1,3,5-Trinitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,3-Dinitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,4,6-Trinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,4-Dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,6-Dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Amino-4,6-dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Amino-2,6-Dinitro Toluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hexahydro-1,3,5-trinitro-1,3,5-triazine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Methyl-2,4,6-trinitrophenylnitramine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Metals																		
Aluminum	9300	8600	9300	5500	11000	8600 J+	12000	6900	9800	13000	14000	14000	6900 J+	11000	11000	10000	18000	
Antimony	3.7	3.4	4.2	1.7	1.9	2.9	6.6	2.1	1.6	1.9	2.6	4.1	3.0	2.4	3.3	1.6	4.9	
Arsenic	3.8	1.8	1.9	1.0 J	1.3 J	1.7	2.5	1.5	1.5	1.3 J	2.9 J	2.3	1.4	2.9	2.0	2.3	2.2	
Barium	27	30	29	25	20	38	31	30	13	23 J	89 J	34	16	22	22	20	35	
Beryllium	0.052 J	0.043 J	0.10 J	0.046 J	0.26	0.072 J	0.17 J	0.20	0.11 J	0.12 J	0.57 J	0.23	< 0.036 U	0.051 J	0.084 J	0.056 J	0.13 J	
Cadmium	0.052 J	< 0.035 U	0.038 J	0.025 J	0.20	< 0.036 U	0.049 J	0.033 J	0.038 J	0.066 J	0.59 J	0.13 J	0.031 J	0.034 J	0.055 J	0.082 J	0.060 J	
Calcium (Ca)	650	740	780	410	420	620	410	510	330	830 J	4200 J	1200	640 J	510	490	380	460	
Chromium	15	17	13	8.2	10	14	14	9.7	8.1	14	11	18	10	13	14	12	17	
Chromium(VI) (a)	1.1	1.2	0.95	0.60	0.73	1.0	1.0	0.71	0.59	1.0	—	1.3	0.73	0.95	1.0	0.88	1.2	
Cobalt	3.7	3.5	4.2	1.7	1.9	3.0	6.5	2.5	1.6	1.9	2.4	4.0	3.3	2.3	3.3	1.5	4.7	
Copper	32	31	28	21	26	29	35	26	22	16 J	30 J	38	29 J+	27	37	25	38	
Iron (Fe)	12000	12000	11000	9000	11000	12000 J-	14000	9700	10000	5000	6600	12000	14000 J+	12000	18000	12000	18000	
Lead	3.8	2.3 J	2.1 J	1.9 J	5.9	2.6 J	5.2	2.5 J	6.2	5.0 J	22 J	20	2.2 J	5.5	3.5 J	6.2	5.1	
Lead	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Magnesium (Mg)	2000	2200	2100	1100	1000	2400 J-	2200	1600	700	2000	1600	2600	1300 J+	1200	1200	840	2600	
Manganese (Mn)	130	160	160	120	120	170 J-	400	150	77	82	63	240	210 J	140	140	100	170	
Nickel	7.2	8.9	7.8	4.1	6.1	6.8	9.4	6.3	3.7	7.0 J	12 J	10	6.5	5.8	6.1	4.2	9.9	
Potassium (K)	1000	1200	1200	810	460	1500 J+	1100	1000	420	820	870	1200	840 J-	540	470	420	770	
Selenium	< 1.0 U	< 1.0 U	< 1.3 U	< 1.0 U	< 1.1 U	< 1.1 UJ	< 1.1 U	< 1.1 U	< 1.1 U	< 1.2 U	< 3.5 U	< 1.3 U	< 1.1 UJ	< 1.1 U	< 1.1 U	< 1.2 U	< 1.1 U	
Silver	< 0.17 U	< 0.17 U	< 0.21 U	< 0.17 U	< 0.19 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.20 U	< 0.58 U	< 0.22 U	< 0.18 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	
Sodium (Na)	81	140	110	83	79	110	71	76	48	110 J	460 J	130	77	63	59	64	63	
Thallium	0.13 J	0.15	0.81	0.076 J	0.070 J	0.16	0.16	0.11 J	0.065 J	0.075 J	< 0.12 UJ	0.13 J	0.089 J	0.081 J	0.090 J	0.089 J	0.12 J	
Vanadium	18	18	16	12	17	18	22	17	16	14	15	24	19 J+	20	28	20	25	
Zinc	15	15	15	9.5	21	17 J-	17	13	13	18 J	86 J	31	14	16	14	27	22	
PCBs																		
Aroclor 1016	—	—	—	—	—	—	—	—	—	< 0.0082 U	< 0.024 U	< 0.0089 U	< 0.0073 UJ	< 0.0076 U	< 0.0075 UJ	< 0.0078 U	< 0.0077 U	
Aroclor 1221	—	—	—	—	—	—	—	—	—	< 0.0082 U	< 0.024 U	< 0.0089 U	< 0.0073 UJ	< 0.0076 U	< 0.0075 UJ	< 0.0078 U	< 0.0077 U	
Aroclor 1232	—	—	—	—	—	—	—	—	—	< 0.0082 U	< 0.024 U	< 0.0089 U	< 0.0073 UJ	< 0.0076 U	< 0.0075 UJ	< 0.0078 U	< 0.0077 U	
Aroclor 1242	—	—	—	—	—	—	—	—	—	< 0.0082 U	< 0.024 U	< 0.0089 U	< 0.0073 UJ	< 0.0076 U	< 0.0075 UJ	< 0.0078 U	< 0.0077 U	
Aroclor 1248	—	—	—	—	—	—	—	—	—	< 0.0082 U	< 0.024 U	< 0.0089 U	< 0.0073 UJ	< 0.0076 U	< 0.0075 UJ	< 0.0078 U	< 0.0077 U	
Aroclor 1254	—	—	—	—	—	—	—	—	—	< 0.0082 U	< 0.024 U	< 0.0089 U	< 0.0073 UJ	< 0.0076 U	< 0.0075 UJ	< 0.0078 U	< 0.0077 U	
Aroclor 1260	—	—	—	—	—	—	—	—	—	< 0.0082 U	< 0.024 U	< 0.0089 U	< 0.0073 UJ	< 0.0076 U	< 0.0075 UJ	< 0.0078 U	< 0.0077 U	
Aroclor 1262	—	—	—	—	—	—	—	—	—	< 0.0082 U	< 0.024 U	< 0.0089 U	< 0.0073 UJ	< 0.0076 U	< 0.0075 UJ	< 0.0078 U	< 0.0077 U	
Aroclor 1268	—	—	—	—	—	—	—	—	—	< 0.0082 U	< 0.024 U	< 0.0089 U	< 0.0073 UJ	< 0.0076 U	< 0.0075 UJ	< 0.0078 U	< 0.0077 U	

Appendix B2 Table 1
Analytical Data Summary Table - Phase I Soil
Camp Hero Remedial Investigation
Montauk, New York

	CH-AOC-H14 H14-SB02 H14-SS02-01 6/13/2016 N 0 - 1 ft	CH-AOC-H14 H14-SB03 H14-SB03-06 6/13/2016 N 5 - 6 ft	CH-AOC-H14 H14-SB03 H14-SS03-01 6/13/2016 N 0 - 1 ft	CH-AOC-H15 H15-SB01 H15-SB01-25 6/15/2016 N 24 - 25 ft	CH-AOC-H15 H15-SB01 H15-SS01-01 6/15/2016 N 0 - 1 ft	CH-AOC-H15 H15-SB02 H15-SB02-22 6/15/2016 N 21 - 22 ft	CH-AOC-H15 H15-SB02 H15-SS02-01 6/15/2016 N 0 - 1 ft	CH-AOC-H15 H15-SB03 H15-SB03-18 6/15/2016 N 17 - 18 ft	CH-AOC-H15 H15-SB03 H15-SS03-01 6/15/2016 N 0 - 1 ft	CH-AOC-H16 H16-SB01 H16-SB01-05 6/13/2016 N 4 - 5 ft	CH-AOC-H16 H16-SB01 H16-SB01-05 DUP 6/13/2016 FD H16-SB01-05 4 - 5 ft	CH-AOC-H16 H16-SB01 H16-SS01-01 6/13/2016 N 0 - 1 ft	CH-AOC-H17 H17-SB01 H17-SB01-05 6/9/2016 N 4 - 5 ft	CH-AOC-H17 H17-SB01 H17-SS01-01 6/9/2016 N 0 - 1 ft	CH-AOC-H17 H17-SB02 H17-SB02-05 6/16/2016 N 4 - 5 ft	CH-AOC-H17 H17-SB02 H17-SS02-01 6/9/2016 N 0 - 1 ft	CH-AOC-H17 H17-SB03 H17-SB03-05 6/9/2016 N 4 - 5 ft	
Chemical																		
SVOCs Continued																		
Pentachlorophenol	—	—	—	—	—	—	—	—	—	< 0.10 U	< 0.30 U	< 1.1 UJ	< 0.093 UJ	< 0.094 U	< 0.096 UJ	< 0.096 U	< 0.096 UJ	
Phenanthrene	0.0080	0.0026 J+	0.0017	< 0.0021 U	0.0042 J-	< 0.0022 U	0.0045	< 0.00072 U	0.0049	0.0080	0.0081	5.8	0.00084	0.026	< 0.00077 U	0.012 J	< 0.00077 U	
Phenol	—	—	—	—	—	—	—	—	—	< 0.10 U	< 0.30 U	< 1.1 UJ	< 0.093 U	< 0.094 U	< 0.096 U	< 0.096 U	< 0.096 U	
Pyrene	0.011	0.0025 J+	0.0022	< 0.0021 U	0.0078 J-	< 0.0022 U	0.0088	< 0.00072 U	0.0082	0.024	0.020	15 J-	0.0011	0.035	< 0.00077 U	0.018 J-	< 0.00077 U	
VOCs																		
1,1,1,2-Tetrachloroethane	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
1,1,1-Trichloroethane	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
1,1,2,2-Tetrachloroethane	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
1,1,2-Trichloroethane	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
1,1-Dichloroethane	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
1,1-Dichloroethene	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
1,2,3-Trichloropropane	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
1,2,4-Trimethylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1,2-Dibromo-3-chloropropane	—	—	—	—	—	—	—	—	—	< 0.0028 U	< 0.0027 U	< 0.0026 UJ	< 0.0018 UJ	< 0.16 U	< 0.0020 UJ	< 0.17 U	< 0.0019 UJ	
1,2-Dibromoethane	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
1,2-Dichloroethane	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
1,2-Dichloropropane	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
1,3,5-Trimethylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2-Butanone	—	—	—	—	—	—	—	—	—	< 0.014 UJ	< 0.013 UJ	< 0.013 UJ	< 0.0092 UJ	< 0.80 U	0.0064 J	< 0.84 U	< 0.0097 UJ	
2-Hexanone	—	—	—	—	—	—	—	—	—	< 0.0028 U	< 0.0027 U	< 0.0026 U	< 0.0018 U	< 0.096 U	< 0.0020 U	< 0.10 U	< 0.0019 U	
4-Isopropyltoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Acetone	—	—	—	—	—	—	—	—	—	< 0.070 UJ	< 0.021 UJ	< 0.24 UJ	0.010 J	< 0.64 U	0.068 J-	< 0.67 U	0.078 J-	
Benzene	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
Bromodichloromethane	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
Bromoform	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 UJ	< 0.00055 U	< 0.096 UJ	< 0.00061 U	< 0.10 UJ	< 0.00058 U	
Carbon disulfide	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	0.0013	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
Carbon tetrachloride	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
Chlorobenzene	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 UJ	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
Chloroethane	—	—	—	—	—	—	—	—	—	< 0.0014 U	< 0.0013 U	< 0.0013 U	< 0.00092 U	< 0.64 U	< 0.0010 U	< 0.67 U	< 0.00097 U	
Chloroform	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
Chloromethane	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.0012 UJ	< 0.096 U	< 0.0014 UJ	< 0.10 U	< 0.0014 UJ	
cis-1,2-Dichloroethene	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
cis-1,3-Dichloropropene	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 UJ	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
Dibromochloromethane	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 UJ	< 0.00055 UJ	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
Dichlorodifluoromethane	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
Trichloroethene	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
Trichlorofluoromethane	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
Vinyl Acetate	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 UJ	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
Vinyl chloride	—	—	—	—	—	—	—	—	—	< 0.00085 U	< 0.00080 U	< 0.00078 U	< 0.00055 U	< 0.096 U	< 0.00061 U	< 0.10 U	< 0.00058 U	
Xylenes (total)	—	—	—	—	—	—	—	—	—	< 0.0025 U	< 0.0024 U	< 0.0024 U	< 0.0017 UJ	< 0.24 U	< 0.0018 U	< 0.25 U	< 0.0018 U	

Appendix B2 Table 1
Analytical Data Summary Table - Phase I Soil
Camp Hero Remedial Investigation
Montauk, New York

	CH-AOC-H17 H17-SB03 H17-SS03-01 6/9/2016 N 0 - 1 ft	CH-AOC-H18 H18-SS01 H18-SS01-01 6/12/2016 N 0 - 1 ft	CH-AOC-H18 H18-SS01 H18-SS01-01 DUP 6/12/2016 FD H18-SS01-01 0 - 1 ft	CH-AOC-H18 H18-SS01 H18-SS01-02 6/12/2016 N 1 - 2 ft	CH-AOC-H18 H18-SS02 H18-SS02-01 6/12/2016 N 0 - 1 ft	CH-AOC-H18 H18-SS02 H18-SS02-02 6/12/2016 N 1 - 2 ft	CH-AOC-H19 H19-SS01 H19-SS01-01 6/15/2016 N 0 - 1 ft	CH-AOC-H19 H19-SS02 H19-SS02-01 6/15/2016 N 0 - 1 ft	CH-AOC-H19 H19-SS02 H19-SS02-01 DUP 6/15/2016 FD H19-SS02-01 0 - 1 ft	CH-AOC-H2 H2-SS01 H2-SS01-01 6/15/2016 N 0 - 1 ft	CH-AOC-H2 H2-SS01 H2-SS01-02 6/15/2016 N 1 - 2 ft	CH-AOC-H2 H2-SS02 H2-SS02-01 6/15/2016 N 0 - 1 ft	CH-AOC-H2 H2-SS02 H2-SS02-02 6/15/2016 N 1 - 2 ft	CH-AOC-H20 H20-SS01 H20-SS01-01 6/7/2016 N 0 - 1 ft	CH-AOC-H20 H20-SS01 H20-SS01-02 6/7/2016 N 1 - 2 ft	CH-AOC-H20 H20-SS02 H20-SS02-01 6/7/2016 N 0 - 1 ft	
Chemical																	
Explosives																	
1,3,5-Trinitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,3-Dinitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,4,6-Trinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,4-Dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,6-Dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Amino-4,6-dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Amino-2,6-Dinitro Toluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hexahydro-1,3,5-trinitro-1,3,5-triazine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Methyl-2,4,6-trinitrophenylamine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Metals																	
Aluminum	12000	5900	4900	4800	5300	3000	7200	11000	11000	6900	6300	10000	12000 J+	6800	14000	8500	
Antimony	3.3	1.9	1.5	1.4	1.9	1.2	1.4	3.3	2.5	3.5	2.6	4.1	3.8	2.5	4.8	2.5	
Arsenic	2.8	2.0	1.4	1.8	2.0	1.1 J	1.4 J	2.2	2.2	1.1 J	0.84 J	2.5	2.5	1.2 J	1.6	1.3 J	
Barium	22	12	13	11	12	7.2	15	24	18	30	25	37	35 J+	33	58	37	
Beryllium	0.10 J	< 0.035 U	< 0.036 U	< 0.035 U	0.22	< 0.034 U	0.051 J	0.083 J	0.021 J	0.083 J	0.080 J	0.14 J	0.20	0.85	0.58	0.50	
Cadmium	< 0.038 U	0.033 J	< 0.036 UJ	0.031 J	0.31	< 0.034 U	0.026 J	0.055 J	0.041 J	0.13 J	0.090 J	0.16 J	0.14 J	0.45	0.036 J	0.14 J	
Calcium (Ca)	460	870	790	860	730	470	860	560	560	470	410	650	650 J+	1400	1700	1300	
Chromium	16	8.0	6.7	7.2	7.8	5.2	9.2	16	15	12	9.6	16	18 J+	14	20	14	
Chromium(VI) (a)	1.2	0.58	—	0.53	0.57	0.38	0.67	1.2	—	0.88	0.70	1.2	1.3 J+	1.0	1.5	1.0	
Cobalt	3.3	2.1	1.7	1.5	2.0	1.3	1.5	3.4	2.5	3.5	2.6	4.2	3.8	2.5	4.9	2.6	
Copper	29	18	15	16	22	14	19	31	27	34	31	45	42 J+	24	33	30	
Iron (Fe)	12000	7500	6000	6700	7100	6000	8600	14000	12000	11000	11000	13000	16000 J+	6200	12000	11000	
Lead	5.2	9.2 J	2.7 J	2.3 J	3.8	1.1 J	6.8	12	10	6.4	7.1	16	7.4	27	3.0 J	2.9 J	
Lead	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Magnesium (Mg)	1300	1000	1000	1000	1100	610	960	1800	1700	1700	1400	2600	2300 J+	1300	4100	2000	
Manganese (Mn)	140	130	100	110	100	73	87	150	100	170	140	230	260 J+	72	180	110	
Nickel	8.3	3.8	3.2 J	3.5	12	2.2 J	4.6	9.4	7.5	7.0	5.7	9.7	9.3	8.2	14	11	
Potassium (K)	520	570	610	590	580	340	310	490	450	1200	1000	1600	1400 J+	750	2600	1300	
Selenium	< 1.1 U	< 1.0 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.0 U	< 1.1 U	< 1.2 U	< 1.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.5 U	< 1.1 U	< 1.2 U	
Silver	< 0.19 U	< 0.17 U	< 0.18 U	< 0.18 U	0.17 J	< 0.17 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U	< 0.19 U	< 0.19 U	0.28 J	< 0.19 U	< 0.21 U	
Sodium (Na)	53	72	71	61	100	47	73	97	88	68	56	81	83 J+	130	160	120	
Thallium	0.082 J	0.050 J	0.035 J	0.041 J	0.36	0.041 J	0.058 J	0.077 J	0.097 J	0.082 J	0.078 J	0.12 J	0.13 J	0.068 J	0.14 J	0.079 J	
Vanadium	21	12	9.6	11	11	7.9	13	21	19	18	13	21	23 J+	12	29	15	
Zinc	19	11	8.5	9.6	14	5.9	13	19	16	210	160	100	110 J+	25	27	21	
PCBs																	
Aroclor 1016	< 0.0077 U	< 0.0071 U	< 0.0072 UJ	< 0.0071 U	< 0.0072 U	< 0.0068 U	—	—	—	< 0.0073 UJ	< 0.0075 U	< 0.0075 U	< 0.0079 U	< 0.0099 U	< 0.0077 U	< 0.0084 U	
Aroclor 1221	< 0.0077 U	< 0.0071 U	< 0.0072 UJ	< 0.0071 U	< 0.0072 U	< 0.0068 U	—	—	—	< 0.0073 UJ	< 0.0075 U	< 0.0075 U	< 0.0079 U	< 0.0099 U	< 0.0077 U	< 0.0084 U	
Aroclor 1232	< 0.0077 U	< 0.0071 U	< 0.0072 UJ	< 0.0071 U	< 0.0072 U	< 0.0068 U	—	—	—	< 0.0073 UJ	< 0.0075 U	< 0.0075 U	< 0.0079 U	< 0.0099 U	< 0.0077 U	< 0.0084 U	
Aroclor 1242	< 0.0077 U	< 0.0071 U	< 0.0072 UJ	< 0.0071 U	< 0.0072 U	< 0.0068 U	—	—	—	< 0.0073 UJ	< 0.0075 U	< 0.0075 U	< 0.0079 U	< 0.0099 U	< 0.0077 U	< 0.0084 U	
Aroclor 1248	< 0.0077 U	< 0.0071 U	< 0.0072 UJ	< 0.0071 U	< 0.0072 U	< 0.0068 U	—	—	—	< 0.0073 UJ	< 0.0075 U	< 0.0075 U	< 0.0079 U	< 0.0099 U	< 0.0077 U	< 0.0084 U	
Aroclor 1254	< 0.0077 U	< 0.0071 U	< 0.0072 UJ	< 0.0071 U	< 0.0072 U	< 0.0068 U	—	—	—	< 0.0073 UJ	< 0.0075 U	< 0.0075 U	< 0.0079 U	< 0.0099 U	< 0.0077 U	< 0.0084 U	
Aroclor 1260	< 0.0077 U	< 0.0071 U	< 0.0072 UJ	< 0.0071 U	< 0.0072 U	< 0.0068 U	—	—	—	< 0.0073 UJ	< 0.0075 U	< 0.0075 U	< 0.0079 U	< 0.0099 U	< 0.0077 U	< 0.0084 U	
Aroclor 1262	< 0.0077 U	< 0.0071 U	< 0.0072 UJ	< 0.0071 U	< 0.0072 U	< 0.0068 U	—	—	—	< 0.0073 UJ	< 0.0075 U	< 0.0075 U	< 0.0079 U	< 0.0099 U	< 0.0077 U	< 0.0084 U	
Aroclor 1268	< 0.0077 U	< 0.0071 U	< 0.0072 UJ	< 0.0071 U	< 0.0072 U	< 0.0068 U	—	—	—	< 0.0073 UJ	< 0.0075 U	< 0.0075 U	< 0.0079 U	< 0.0099 U	< 0.0077 U	< 0.0084 U	

Appendix B2 Table 1
 Analytical Data Summary Table - Phase I Soil
 Camp Hero Remedial Investigation
 Montauk, New York

	CH-AOC-H4 H4-SB02 H4-SS02-01 6/12/2016 N 0 - 1 ft	CH-AOC-H4 H4-SB03 H4-SB03-05 6/12/2016 N 4 - 5 ft	CH-AOC-H4 H4-SB03 H4-SS03-01 6/12/2016 N 0 - 1 ft	CH-AOC-H5 H5-SS01 H5-SS01-01 6/13/2016 N 0 - 1 ft	CH-AOC-H5 H5-SS01 H5-SS01-02 6/13/2016 N 1 - 2 ft	CH-AOC-H5 H5-SS02 H5-SS02-01 6/13/2016 N 0 - 1 ft	CH-AOC-H5 H5-SS02 H5-SS02-01 DUP 6/13/2016 FD H5-SS02-01 0 - 1 ft	CH-AOC-H5 H5-SS02 H5-SS02-02 6/13/2016 N 1 - 2 ft	CH-AOC-H5 H5-SS03 H5-SS03-01 6/13/2016 N 0 - 1 ft	CH-AOC-H5 H5-SS03 H5-SS03-02 6/13/2016 N 1 - 2 ft	CH-AOC-H5 H5-SS04 H5-SS04-01 6/13/2016 N 0 - 1 ft	CH-AOC-H5 H5-SS04 H5-SS04-02 6/13/2016 N 1 - 2 ft	CH-AOC-H6 H6-SB01 H6-SS01-01 6/12/2016 N 0 - 1 ft	CH-AOC-H6 H6-SB02 H6-SS02-01 6/12/2016 N 0 - 1 ft	CH-AOC-H6 H6-SB03 H6-SS03-01 6/12/2016 N 0 - 1 ft	CH-AOC-H9 H9-SS01 H9-SS01-01 6/6/2016 N 0 - 1 ft	CH-AOC-MP MP-SB01 MP-SB01-04 6/14/2016 N 3 - 4 ft	CH-AOC-MP MP-SB01 MP-SB01-04 DUP 6/14/2016 FD MP-SB01-04 3 - 4 ft	
Chemical																			
Explosives																			
1,3,5-Trinitrobenzene																			
1,3-Dinitrobenzene																			
2,4,6-Trinitrotoluene																			
2,4-Dinitrotoluene																			
2,6-Dinitrotoluene																			
2-Amino-4,6-dinitrotoluene																			
2-Nitrotoluene																			
3-Nitrotoluene																			
4-Amino-2,6-Dinitro Toluene																			
4-Nitrotoluene																			
Hexahydro-1,3,5-trinitro-1,3,5-triazine																			
Methyl-2,4,6-trinitrophenylamine																			
Nitrobenzene																			
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine																			
Metals																			
Aluminum				7700	15000	8100	8000	6000									12000		
Antimony				1.5 J	0.98	1.1 J	23 J	1.3									4.4		
Arsenic				2.6 J	< 0.91 U	2.7 J	4.2 J	0.77 J									2.8		
Barium				54	19	86	90	17									29		
Beryllium				1.0	0.29	0.43 J	20 J	1.3									0.46		
Cadmium				0.81	0.074 J	0.53 J	20 J	1.1									0.043 J		
Calcium (Ca)				490	290	800	1100	240									600		
Chromium				5.0	17	5.0 J	26 J	5.9									15		
Chromium(VI) (a)				0.37	1.2	0.37 J		0.43									1.1		
Cobalt				1.4 J	0.90 J	0.90 J	23 J	1.3									4.6		
Copper				13	8.1	18 J	41 J	12									40		
Iron (Fe)				2100	2200	2200	1900	670									19000		
Lead	47	2.8 J	4.6	20	6.3	27	37	4.3 J	18	44	7.7 J	5.0 J	15	3.0 J	7.5 J	4.8			
Lead																			
Magnesium (Mg)				210	880	230 J	460 J	160									1600		
Manganese (Mn)				13	39	20 J	40 J	14									440		
Nickel				4.4 J	3.9 J	4.3 J	28 J	3.0 J									9.1		
Potassium (K)				250	580	260 J	490 J	330									990		
Selenium				< 3.1 U	< 1.4 U	< 3.7 UJ	4.8 J	< 1.5 U									< 1.3 U		
Silver				0.58 J	< 0.23 U	0.23 J	9.5 J	0.67 J									< 0.21 U		
Sodium (Na)				210	81	220 J	500 J	130									66		
Thallium				< 0.099 U	0.078 J	< 0.12 U	< 0.12 U	0.068 J									0.060 J		
Vanadium				8.6	10	9.5 J	26 J	7.5									26		
Zinc				35	19	50 J	150 J	18									20		
PCBs																			
Aroclor 1016	< 0.0080 U	< 0.0081 U	< 0.0079 U	< 0.021 UJ	< 0.0092 U	< 0.024 UJ	< 0.024 UJ	< 0.010 U	< 0.028 UJ	< 0.027 UJ	< 0.041 U	< 0.015 UJ	< 0.020 UJ	< 0.0083 U	< 0.030 UJ				
Aroclor 1221	< 0.0080 U	< 0.0081 U	< 0.0079 U	< 0.021 UJ	< 0.0092 U	< 0.024 UJ	< 0.024 UJ	< 0.010 U	< 0.028 UJ	< 0.027 UJ	< 0.041 U	< 0.015 UJ	< 0.020 UJ	< 0.0083 U	< 0.030 UJ				
Aroclor 1232	< 0.0080 U	< 0.0081 U	< 0.0079 U	< 0.021 UJ	< 0.0092 U	< 0.024 UJ	< 0.024 UJ	< 0.010 U	< 0.028 UJ	< 0.027 UJ	< 0.041 U	< 0.015 UJ	< 0.020 UJ	< 0.0083 U	< 0.030 UJ				
Aroclor 1242	< 0.0080 U	< 0.0081 U	< 0.0079 U	< 0.021 UJ	< 0.0092 U	< 0.024 UJ	< 0.024 UJ	< 0.010 U	< 0.028 UJ	< 0.027 UJ	< 0.041 U	< 0.015 UJ	< 0.020 UJ	< 0.0083 U	< 0.030 UJ				
Aroclor 1248	< 0.0080 U	< 0.0081 U	< 0.0079 U	< 0.021 UJ	< 0.0092 U	< 0.024 UJ	< 0.024 UJ	< 0.010 U	< 0.028 UJ	< 0.027 UJ	< 0.041 U	< 0.015 UJ	< 0.020 UJ	< 0.0083 U	< 0.030 UJ				
Aroclor 1254	< 0.0080 U	< 0.0081 U	< 0.0079 U	< 0.021 UJ	< 0.0092 U	< 0.024 UJ	< 0.024 UJ	< 0.010 U	< 0.028 UJ	< 0.027 UJ	< 0.041 U	< 0.015 UJ	< 0.020 UJ	< 0.0083 U	< 0.030 UJ				
Aroclor 1260	< 0.0080 U	< 0.0081 U	< 0.0079 U	< 0.021 UJ	< 0.0092 U	< 0.024 UJ	< 0.024 UJ	< 0.010 U	< 0.028 UJ	< 0.027 UJ	< 0.041 U	< 0.015 UJ	< 0.020 UJ	< 0.0083 U	< 0.030 UJ				
Aroclor 1262	< 0.0080 U	< 0.0081 U	< 0.0079 U	< 0.021 UJ	< 0.0092 U	< 0.024 UJ	< 0.024 UJ	< 0.010 U	< 0.028 UJ	< 0.027 UJ	< 0.041 U	< 0.015 UJ	< 0.020 UJ	< 0.0083 U	< 0.030 UJ				
Aroclor 1268	< 0.0080 U	< 0.0081 U	< 0.0079 U	< 0.021 UJ	< 0.0092 U	< 0.024 UJ	< 0.024 UJ	< 0.010 U	< 0.028 UJ	< 0.027 UJ	< 0.041 U	< 0.015 UJ	< 0.020 UJ	< 0.0083 U	< 0.030 UJ				

Appendix B2 Table 1
Analytical Data Summary Table - Phase I Soil
Camp Hero Remedial Investigation
Montauk, New York

	CH-AOC-H4 H4-SB02 H4-SS02-01 6/12/2016 N 0 - 1 ft	CH-AOC-H4 H4-SB03 H4-SB03-05 6/12/2016 N 4 - 5 ft	CH-AOC-H4 H4-SB03 H4-SS03-01 6/12/2016 N 0 - 1 ft	CH-AOC-H5 H5-SS01 H5-SS01-01 6/13/2016 N 0 - 1 ft	CH-AOC-H5 H5-SS01 H5-SS01-02 6/13/2016 N 1 - 2 ft	CH-AOC-H5 H5-SS02 H5-SS02-01 6/13/2016 N 0 - 1 ft	CH-AOC-H5 H5-SS02 H5-SS02-01 DUP 6/13/2016 FD H5-SS02-01 0 - 1 ft	CH-AOC-H5 H5-SS02 H5-SS02-02 6/13/2016 N 1 - 2 ft	CH-AOC-H5 H5-SS03 H5-SS03-01 6/13/2016 N 0 - 1 ft	CH-AOC-H5 H5-SS03 H5-SS03-02 6/13/2016 N 1 - 2 ft	CH-AOC-H5 H5-SS04 H5-SS04-01 6/13/2016 N 0 - 1 ft	CH-AOC-H5 H5-SS04 H5-SS04-02 6/13/2016 N 1 - 2 ft	CH-AOC-H6 H6-SB01 H6-SS01-01 6/12/2016 N 0 - 1 ft	CH-AOC-H6 H6-SB02 H6-SS02-01 6/12/2016 N 0 - 1 ft	CH-AOC-H6 H6-SB03 H6-SS03-01 6/12/2016 N 0 - 1 ft	CH-AOC-H9 H9-SS01 H9-SS01-01 6/6/2016 N 0 - 1 ft	CH-AOC-MP MP-SB01 MP-SB01-04 6/14/2016 N 3 - 4 ft	CH-AOC-MP MP-SB01 MP-SB01-04 DUP 6/14/2016 FD MP-SB01-04 3 - 4 ft	
Chemical																			
SVOCs Continued																			
Pentachlorophenol	—	—	—	< 0.77 UJ	< 0.11 U	< 4.4 UJ	< 0.89 U	< 0.38 UJ	—	—	—	—	—	—	—	—	—	—	
Phenanthrene	—	—	—	0.018	< 0.0090 U	0.0066 J	0.059 J	0.0016	—	—	—	—	—	—	—	0.20	< 0.0025 UJ	< 0.0025 U	
Phenol	—	—	—	< 0.77 UJ	< 0.11 U	< 4.4 UJ	< 0.89 U	< 0.38 UJ	—	—	—	—	—	—	—	—	—	—	
Pyrene	—	—	—	0.043	< 0.0090 U	0.097	0.10	0.0018	—	—	—	—	—	—	—	0.32	< 0.0025 UJ	< 0.0025 U	
VOCs																			
1,1,1,2-Tetrachloroethane	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
1,1,1-Trichloroethane	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
1,1,2,2-Tetrachloroethane	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
1,1,2-Trichloroethane	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
1,1-Dichloroethane	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
1,1-Dichloroethene	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
1,2,3-Trichloropropane	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
1,2,4-Trimethylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.086 U	< 0.075 U	
1,2-Dibromo-3-chloropropane	—	—	—	< 0.95 U	< 0.21 U	< 0.92 U	< 1.1 U	< 0.57 U	—	—	—	—	—	—	—	—	—	—	
1,2-Dibromoethane	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
1,2-Dichloroethane	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
1,2-Dichloropropane	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
1,3,5-Trimethylbenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.086 U	< 0.075 U	
2-Butanone	—	—	—	< 2.4 U	< 0.53 U	< 2.3 U	< 2.7 U	< 1.4 U	—	—	—	—	—	—	—	—	—	—	
2-Hexanone	—	—	—	< 0.47 U	< 0.11 U	< 0.46 U	< 0.55 U	< 0.29 U	—	—	—	—	—	—	—	—	—	—	
4-Isopropyltoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.086 U	< 0.075 U	
Acetone	—	—	—	2.4	< 0.21 U	0.83 J	0.78 J	< 0.57 U	—	—	—	—	—	—	—	—	—	—	
Benzene	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	< 0.086 U	< 0.075 U	
Bromodichloromethane	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
Bromoform	—	—	—	< 0.28 UJ	< 0.063 UJ	< 0.28 UJ	< 0.33 UJ	< 0.17 UJ	—	—	—	—	—	—	—	—	—	—	
Carbon disulfide	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
Carbon tetrachloride	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
Chlorobenzene	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
Chloroethane	—	—	—	< 0.95 U	< 0.21 U	< 0.92 U	< 1.1 U	< 0.57 U	—	—	—	—	—	—	—	—	—	—	
Chloroform	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
Chloromethane	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
cis-1,2-Dichloroethene	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
cis-1,3-Dichloropropene	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
Dibromochloromethane	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
Dichlorodifluoromethane	—	—	—	< 0.95 U	< 0.21 U	< 0.92 U	< 1.1 U	< 0.57 U	—	—	—	—	—	—	—	—	—	—	
Trichloroethene	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
Trichlorofluoromethane	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
Vinyl Acetate	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
Vinyl chloride	—	—	—	< 0.28 U	< 0.063 U	< 0.28 U	< 0.33 U	< 0.17 U	—	—	—	—	—	—	—	—	—	—	
Xylenes (total)	—	—	—	< 0.85 U	< 0.19 U	< 0.83 U	< 0.99 U	< 0.51 U	—	—	—	—	—	—	—	—	< 0.26 U	< 0.22 U	

Appendix B2 Table 1
Analytical Data Summary Table - Phase I Soil
Camp Hero Remedial Investigation
Montauk, New York

	CH-AOC-MP MP-SB02 MP-SB02-11 6/13/2016 N 10 - 11 ft	CH-AOC-MP MP-SB02 MP-SS02-01 6/13/2016 N 0 - 1 ft	CH-AOC-MP MP-SB02 MP-SS02-01 DUP 6/13/2016 FD MP-SS02-01 0 - 1 ft	CH-AOC-MP MP-SB03 MP-SB03-09 6/13/2016 N 8 - 9 ft	CH-AOC-MP MP-SB03 MP-SS03-01 6/13/2016 N 0 - 1 ft	CH-AOC-P113 P113-SB01 P113-SB01-04 6/12/2016 N 3 - 4 ft	CH-AOC-P113 P113-SB01 P113-SB01-05 6/12/2016 N 4 - 5 ft	CH-AOC-P113 P113-SB02 P113-SB02-04 6/12/2016 N 3 - 4 ft	CH-AOC-P113 P113-SB02 P113-SS02-01 6/12/2016 N 0 - 1 ft	CH-AOC-P113 P113-SB03 P113-SS03-01 6/12/2016 N 0 - 1 ft	CH-AOC-STB STB-SB01 STB-SB01-05 6/15/2016 N 4 - 5 ft	CH-AOC-STB STB-SB02 STB-SB02-06 6/15/2016 N 5 - 6 ft	CH-AOC-STB STB-SB03 STB-SB03-06 6/15/2016 N 5 - 6 ft	CH-AOC-STB STB-SB04 STB-SB04-06 6/15/2016 N 5 - 6 ft	CH-AOC-STB STB-SB04 STB-SB04-06 DUP 6/15/2016 FD STB-SB04-06 5 - 6 ft	CH-AOC-STB STB-SB05 STB-SS05-01 6/15/2016 N 0 - 1 ft	
Chemical																	
Explosives																	
1,3,5-Trinitrobenzene	< 0.039 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.040 U	—	—	—	—	—	—	—	—	—	—	—	—
1,3-Dinitrobenzene	< 0.039 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.040 U	—	—	—	—	—	—	—	—	—	—	—	—
2,4,6-Trinitrotoluene	< 0.039 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.040 U	—	—	—	—	—	—	—	—	—	—	—	—
2,4-Dinitrotoluene	< 0.039 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.040 U	—	—	—	—	—	—	—	—	—	—	—	—
2,6-Dinitrotoluene	< 0.039 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.040 U	—	—	—	—	—	—	—	—	—	—	—	—
2-Amino-4,6-dinitrotoluene	< 0.039 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.040 U	—	—	—	—	—	—	—	—	—	—	—	—
2-Nitrotoluene	< 0.039 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.040 U	—	—	—	—	—	—	—	—	—	—	—	—
3-Nitrotoluene	< 0.039 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.040 U	—	—	—	—	—	—	—	—	—	—	—	—
4-Amino-2,6-Dinitro Toluene	< 0.039 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.040 U	—	—	—	—	—	—	—	—	—	—	—	—
4-Nitrotoluene	< 0.039 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.040 U	—	—	—	—	—	—	—	—	—	—	—	—
Hexahydro-1,3,5-trinitro-1,3,5-triazine	< 0.039 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.040 U	—	—	—	—	—	—	—	—	—	—	—	—
Methyl-2,4,6-trinitrophenylnitramine	< 0.039 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.040 U	—	—	—	—	—	—	—	—	—	—	—	—
Nitrobenzene	< 0.039 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.040 U	—	—	—	—	—	—	—	—	—	—	—	—
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	< 0.039 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.040 U	—	—	—	—	—	—	—	—	—	—	—	—
Metals																	
Aluminum	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Antimony	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arsenic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Barium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Beryllium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cadmium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Calcium (Ca)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chromium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chromium(VI) (a)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cobalt	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Copper	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Iron (Fe)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lead	—	—	—	—	—	4.6	3.1 J	2.2 J	4.3	7.4	—	—	—	—	—	—	—
Lead	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Magnesium (Mg)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manganese (Mn)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nickel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Potassium (K)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Selenium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Silver	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sodium (Na)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Thallium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vanadium	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Zinc	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
PCBs																	
Aroclor 1016	—	—	—	< 0.0073 U	< 0.0074 U	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1221	—	—	—	< 0.0073 U	< 0.0074 U	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1232	—	—	—	< 0.0073 U	< 0.0074 U	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1242	—	—	—	< 0.0073 U	< 0.0074 U	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1248	—	—	—	< 0.0073 U	< 0.0074 U	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1254	—	—	—	< 0.0073 U	< 0.0074 U	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1260	—	—	—	< 0.0073 U	< 0.0074 U	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1262	—	—	—	< 0.0073 U	< 0.0074 U	—	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1268	—	—	—	< 0.0073 U	< 0.0074 U	—	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 1
Analytical Data Summary Table - Phase I Soil
Camp Hero Remedial Investigation
Montauk, New York

	CH-AOC-MP MP-SB02 MP-SB02-11 6/13/2016 N 10 - 11 ft	CH-AOC-MP MP-SB02 MP-SS02-01 6/13/2016 N 0 - 1 ft	CH-AOC-MP MP-SB02 MP-SS02-01 DUP 6/13/2016 FD MP-SS02-01 0 - 1 ft	CH-AOC-MP MP-SB03 MP-SB03-09 6/13/2016 N 8 - 9 ft	CH-AOC-MP MP-SB03 MP-SS03-01 6/13/2016 N 0 - 1 ft	CH-AOC-P113 P113-SB01 P113-SB01-04 6/12/2016 N 3 - 4 ft	CH-AOC-P113 P113-SB01 P113-SB01-05 6/12/2016 N 4 - 5 ft	CH-AOC-P113 P113-SB02 P113-SB02-04 6/12/2016 N 3 - 4 ft	CH-AOC-P113 P113-SB02 P113-SS02-01 6/12/2016 N 0 - 1 ft	CH-AOC-P113 P113-SB03 P113-SS03-01 6/12/2016 N 0 - 1 ft	CH-AOC-STB STB-SB01 STB-SB01-05 6/15/2016 N 4 - 5 ft	CH-AOC-STB STB-SB02 STB-SB02-06 6/15/2016 N 5 - 6 ft	CH-AOC-STB STB-SB03 STB-SB03-06 6/15/2016 N 5 - 6 ft	CH-AOC-STB STB-SB04 STB-SB04-06 6/15/2016 N 5 - 6 ft	CH-AOC-STB STB-SB04 STB-SB04-06 DUP 6/15/2016 FD STB-SB04-06 5 - 6 ft	CH-AOC-STB STB-SS05 STB-SS05-01 6/15/2016 N 0 - 1 ft
Chemical																
SVOCs Continued																
Pentachlorophenol	< 0.089 U	< 0.089 U	< 0.088 U	< 0.090 U	< 0.090 U	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	0.0082 J-	0.51 J	0.058 J	< 0.00072 UJ	0.033 J-	< 0.00082 U	0.0011	< 0.00077 U	0.0045	< 0.00093 U	< 0.00077 U	0.0060 J+	0.0082	0.0018 J	0.0083 J	0.010
Phenol	< 0.089 U	< 0.089 U	< 0.088 U	< 0.090 U	< 0.090 U	—	—	—	—	—	—	—	—	—	—	—
Pyrene	0.013 J-	0.57 J	0.074 J	< 0.00072 UJ	0.044 J-	< 0.00082 U	0.0019	< 0.00077 U	0.0084	0.0066	< 0.00077 U	0.010 J+	0.012	0.0030 J	0.017 J	0.020
VOCs																
1,1,1,2-Tetrachloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,1,1-Trichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,1,2-Tetrachloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,1,2-Trichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,1-Dichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,1-Dichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,2,3-Trichloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,2,4-Trimethylbenzene	< 0.00062 U	< 0.00053 U	< 0.00058 U	< 0.00053 U	< 0.00095 U	< 0.0010 U	< 0.00098 U	< 0.00059 U	< 0.089 UJ	< 0.083 U	< 0.00053 U	< 0.00060 U	< 0.071 U	< 0.00063 U	< 0.072 U	< 0.066 U
1,2-Dibromo-3-chloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,2-Dibromoethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,2-Dichloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,2-Dichloropropane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,3,5-Trimethylbenzene	< 0.00062 U	< 0.00053 U	< 0.00058 U	< 0.00053 U	< 0.00095 U	< 0.0010 U	< 0.00098 U	< 0.00059 U	< 0.089 U	< 0.083 U	< 0.00053 U	< 0.00060 U	< 0.071 U	< 0.00063 U	< 0.072 U	< 0.066 U
2-Butanone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Hexanone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Isopropyltoluene	< 0.00062 U	< 0.00053 U	< 0.00058 U	< 0.00053 U	< 0.00095 U	< 0.0010 U	< 0.00098 U	< 0.00059 U	< 0.089 UJ	< 0.083 U	< 0.00053 U	< 0.00060 U	< 0.071 U	< 0.00063 U	< 0.072 U	< 0.066 U
Acetone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Benzene	< 0.00062 U	< 0.00053 U	< 0.00058 U	< 0.00053 U	< 0.00095 U	< 0.0010 U	< 0.00098 U	< 0.00059 U	< 0.089 U	< 0.083 U	< 0.00053 U	< 0.00060 U	< 0.071 U	< 0.00063 U	< 0.072 U	< 0.066 U
Bromodichloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bromoform	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Carbon disulfide	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Carbon tetrachloride	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chloroethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chloroform	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
cis-1,2-Dichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
cis-1,3-Dichloropropene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dibromochloromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dichlorodifluoromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Trichloroethene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Trichlorofluoromethane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vinyl Acetate	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vinyl chloride	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Xylenes (total)	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.0016 U	< 0.0029 U	< 0.0031 U	< 0.0029 U	< 0.0018 U	< 0.27 U	< 0.25 U	< 0.0016 U	< 0.0018 U	< 0.21 U	< 0.0019 U	< 0.22 U	< 0.20 U

Appendix B2 Table 1
Analytical Data Summary Table - Phase I Soil
Camp Hero Remedial Investigation
Montauk, New York

	CH-AOC-STB STB-SS06 STB-SS06-01 6/15/2016 N 0 - 1 ft	CH-AOC-STB STB-SS07 STB-SS07-01 6/15/2016 N 0 - 1 ft	CH-AOC-WDS WDS-SB01 WDS-SB01-01 6/14/2016 N 0 - 1 ft	CH-AOC-WDS WDS-SB02 WDS-SB02-02 6/14/2016 N 1 - 2 ft	CH-AOC-WDS WDS-SB03 WDS-SB03-06 6/14/2016 N 5 - 6 ft	CH-AOC-WDS WDS-SB04 WDS-SB04-01 6/14/2016 N 0 - 1 ft	CH-AOC-WDS WDS-SB05 WDS-SB05-01 6/14/2016 N 0 - 1 ft	CH-AOC-WDS WDS-SB06 WDS-SB06-05 6/14/2016 N 4 - 5 ft	CH-AOC-WDS WDS-SB07 WDS-SB07-05 6/14/2016 N 4 - 5 ft	CH-AOC-WDS WDS-SB08 WDS-SB08-05 6/13/2016 N 4 - 5 ft	CH-AOC-WDS WDS-SB09 WDS-SB09-06 6/13/2016 N 5 - 6 ft	CH-AOC-WDS WDS-SB10 WDS-SB10-08 6/12/2016 N 7 - 8 ft	CH-AOC-WDS WDS-SB11 WDS-SB11-08 6/13/2016 N 7 - 8 ft	CH-AOC-WDS WDS-SB12 WDS-SB12-05 6/13/2016 N 4 - 5 ft	CH-AOC-WDS WDS-SB13 WDS-SB13-05 6/13/2016 N 4 - 5 ft	CH-AOC-WDS WDS-SB14 WDS-SB14-11 6/14/2016 N 10 - 11 ft
Chemical																
Explosives																
1,3,5-Trinitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,3-Dinitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,4,6-Trinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,4-Dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,6-Dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Amino-4,6-dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Amino-2,6-Dinitro Toluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hexahydro-1,3,5-trinitro-1,3,5-triazine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Methyl-2,4,6-trinitrophenylnitramine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Metals																
Aluminum	—	—	12000	5800	7100	8200	8200	10000	13000	13000	11000	7300	13000	9300	10000	6200
Antimony	—	—	4.5	1.9	1.8	2.4	2.4	2.3	4.4	2.0	2.7	2.7	2.9	2.2	2.5	2.8
Arsenic	—	—	2.7	1.2 J	1.4 J	1.7	1.6	1.6	1.5 J	1.7	0.69 J	1.1 J	1.7	1.7	1.4 J	1.6
Barium	—	—	47	24	19	30	25	24	42	21	29	21	28	17	18	21
Beryllium	—	—	0.14 J	0.033 J	0.065 J	0.12 J	0.069 J	0.063 J	2.3	0.080 J	0.15 J	< 0.037 U	0.071 J	< 0.036 U	0.15 J	0.056 J
Cadmium	—	—	0.096 J	0.082 J	0.061 J	0.050 J	0.13 J	< 0.037 U	1.8	0.071 J	< 0.037 U	< 0.037 U	< 0.036 U	0.033 J	0.049 J	< 0.033 U
Calcium (Ca)	—	—	1100	1000	1100	470	420	1400	740	2600	1000	650	750	2600	490	550
Chromium	—	—	17	7.4	11	12	13	13	15	12	15	9.7	15	12	13	11
Chromium(VI) (a)	—	—	1.2	0.54	0.80	0.88	0.95	0.95	1.1	0.88	1.1	0.71	1.1	0.88	0.95	0.80
Cobalt	—	—	4.6	2.1	2.0	2.5	2.4	2.5	4.5	1.9	2.7	2.9	2.9	2.4	2.5	2.9
Copper	—	—	39	22	20	27	26	27	24	28	24	24	22	20	23	32
Iron (Fe)	—	—	14000	8300	7200	11000	9600	11000	8100	12000	8200	9200	7000	9200	8800	15000
Lead	—	—	16	12	5.6	3.9	6.0	3.8	9.6	7.7	2.9 J	2.1 J	3.6	2.8 J	4.5	3.0 J
Lead	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Magnesium (Mg)	—	—	3100	1100	1100	1500	1100	1600	1700	910	2100	1200	2300	1200	1700	870
Manganese (Mn)	—	—	260	130	90	130	120	100	96	120	110	150	120	90	87	290
Nickel	—	—	10	4.7	4.9	6.6	7.7	6.7	10	4.0 J	7.5	4.9	9.3	5.6	6.8	4.2
Potassium (K)	—	—	1800	640	440	870	590	680	880	440	1100	800	1200	400	560	540
Selenium	—	—	< 1.2 U	< 1.0 U	< 1.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.4 U	< 1.3 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 0.98 U
Silver	—	—	< 0.20 U	< 0.17 U	< 0.19 U	< 0.19 U	0.10 J	< 0.18 U	2.7	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.16 U
Sodium (Na)	—	—	160	68	110	72	70	89	130	59	100	78	100	65	67	79
Thallium	—	—	0.12 J	0.068 J	0.067 J	0.11 J	0.085 J	0.18	0.089 J	0.10 J	0.091 J	0.087 J	0.10 J	0.076 J	0.073 J	0.043 J
Vanadium	—	—	24	13	15	18	16	22	17	22	17	14	18	17	18	21
Zinc	—	—	37	23	14	17	24	14	37	17	17	10	21	11	13	9.6
PCBs																
Aroclor 1016	—	—	< 0.0083 U	< 0.0073 UJ	< 0.0077 U	< 0.0074 U	< 0.0074 U	< 0.0075 U	< 0.0091 U	< 0.0086 U	< 0.0074 U	< 0.0073 U	< 0.0073 U	< 0.0074 U	< 0.0075 U	< 0.0068 U
Aroclor 1221	—	—	< 0.0083 U	< 0.0073 UJ	< 0.0077 U	< 0.0074 U	< 0.0074 U	< 0.0075 U	< 0.0091 U	< 0.0086 U	< 0.0074 U	< 0.0073 U	< 0.0073 U	< 0.0074 U	< 0.0075 U	< 0.0068 U
Aroclor 1232	—	—	< 0.0083 U	< 0.0073 UJ	< 0.0077 U	< 0.0074 U	< 0.0074 U	< 0.0075 U	< 0.0091 U	< 0.0086 U	< 0.0074 U	< 0.0073 U	< 0.0073 U	< 0.0074 U	< 0.0075 U	< 0.0068 U
Aroclor 1242	—	—	< 0.0083 U	< 0.0073 UJ	< 0.0077 U	< 0.0074 U	< 0.0074 U	< 0.0075 U	< 0.0091 U	< 0.0086 U	< 0.0074 U	< 0.0073 U	< 0.0073 U	< 0.0074 U	< 0.0075 U	< 0.0068 U
Aroclor 1248	—	—	< 0.0083 U	< 0.0073 UJ	< 0.0077 U	< 0.0074 U	< 0.0074 U	< 0.0075 U	< 0.0091 U	< 0.0086 U	< 0.0074 U	< 0.0073 U	< 0.0073 U	< 0.0074 U	< 0.0075 U	< 0.0068 U
Aroclor 1254	—	—	< 0.0083 U	< 0.0073 UJ	< 0.0077 U	< 0.0074 U	< 0.0074 U	< 0.0075 U	< 0.0091 U	< 0.0086 U	< 0.0074 U	< 0.0073 U	< 0.0073 U	< 0.0074 U	< 0.0075 U	< 0.0068 U
Aroclor 1260	—	—	< 0.0083 U	< 0.0073 UJ	< 0.0077 U	< 0.0074 U	< 0.0074 U	< 0.0075 U	< 0.0091 U	< 0.0086 U	< 0.0074 U	< 0.0073 U	< 0.0073 U	< 0.0074 U	< 0.0075 U	< 0.0068 U
Aroclor 1262	—	—	< 0.0083 U	< 0.0073 UJ	< 0.0077 U	< 0.0074 U	< 0.0074 U	< 0.0075 U	< 0.0091 U	< 0.0086 U	< 0.0074 U	< 0.0073 U	< 0.0073 U	< 0.0074 U	< 0.0075 U	< 0.0068 U
Aroclor 1268	—	—	< 0.0083 U	< 0.0073 UJ	< 0.0077 U	< 0.0074 U	< 0.0074 U	< 0.0075 U	< 0.0091 U	< 0.0086 U	< 0.0074 U	< 0.0073 U	< 0.0073 U	< 0.0074 U	< 0.0075 U	< 0.0068 U

Appendix B2 Table 1
Analytical Data Summary Table - Phase I Soil
Camp Hero Remedial Investigation
Montauk, New York

	CH-AOC-WDS WDS-SB15 WDS-SB15-13 6/14/2016 N 12 - 13 ft	CH-AOC-WDS WDS-SB16 WDS-SB16-13 6/14/2016 N 12 - 13 ft	CH-AOC-WDS WDS-SB17 WDS-SB17-13 6/14/2016 N 12 - 13 ft	CH-AOC-WDS WDS-SB18 WDS-SB18-12 6/16/2016 N 11 - 12 ft	CH-AOC-WDS WDS-SB19 WDS-SB19-12 6/16/2016 N 11 - 12 ft	CH-AOC-WDS WDS-SB20 WDS-SB20-06 6/15/2016 N 5 - 6 ft	CH-AOC-WDS WDS-SB21 WDS-SB21-05 6/7/2016 N 4 - 5 ft	CH-AOC-WDS WDS-SB22 WDS-SB22-05 6/7/2016 N 4 - 5 ft	CH-AOC-WDS WDS-SB23 WDS-SB23-05 6/7/2016 N 4 - 5 ft	CH-AOC-WDS WDS-SB24 WDS-SB24-04 6/7/2016 N 3 - 4 ft	CH-AOC-WDS WDS-SB25 WDS-SB25-08 6/7/2016 N 7 - 8 ft	CH-AOC-WDS WDS-SB26 WDS-SB26-05 6/7/2016 N 4 - 5 ft	CH-AOC-WDS WDS-SB27 WDS-SB27-08 6/7/2016 N 7 - 8 ft	CH-AOC-WDS WDS-SB27 WDS-SB27-08 DUP 6/7/2016 FD WDS-SB27-08 7 - 8 ft
Chemical														
Explosives														
1,3,5-Trinitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,3-Dinitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,4,6-Trinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,4-Dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,6-Dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Amino-4,6-dinitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Amino-2,6-Dinitro Toluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Nitrotoluene	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hexahydro-1,3,5-trinitro-1,3,5-triazine	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Methyl-2,4,6-trinitrophenylnitramine	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Metals														
Aluminum	10000	5500	6000	7200	2900	15000	5300	8200	4500	26000	4100	17000	13000	13000
Antimony	4.0	1.7	2.1	2.4	1.8	4.6	2.3	3.0	2.6	5.4	5.0	6.9	1.9	2.4
Arsenic	3.0	0.85 J	0.87 J	1.2 J	0.95 J	2.2	1.9	2.0	25	2.9	3.7	4.8	1.4 J	1.4 J
Barium	47	32	36	32	9.9	51	10	23	24	120	32	65	24	22
Beryllium	0.20	0.046 J	< 0.033 U	0.067 J	0.025 J	0.35	0.23	0.31	0.57	0.83	0.62	0.48	0.39	0.38
Cadmium	0.029 J	< 0.037 U	< 0.033 U	0.025 J	< 0.037 U	0.027 J	0.027 J	0.046 J	0.46	0.17 J	0.048 J	0.30	0.035 J	0.045 J
Calcium (Ca)	460	600	780	490	480	840	330	480	460	1600	870	1400	720	780
Chromium	13	8.3	9.2	10	4.8	17	7.2	9.9	9.2	36	12	20	13	12
Chromium(VI) (a)	0.95	0.61	0.67	0.73	0.35	1.2	0.53	0.72	0.67	2.6	0.88	1.5	0.95	—
Cobalt	4.2	1.8	2.2	2.3	1.8	5.1	2.4	3.0	2.6	5.6	5.1	6.9	2.0	2.6
Copper	31	24	23	26	13	41	19	25	29	52	27	49	25	24
Iron (Fe)	12000	10000	10000	9900	5300	16000	8100	11000	13000	15000	4700	23000	8400	10000
Lead	3.7	1.9 J	2.0 J	1.9 J	0.61 J	3.9 J	1.6 J	2.6 J	4.2	6.6	3.9	38	4.9	3.9 J
Lead	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Magnesium (Mg)	2500	1300	1500	1500	680	3600	820	1400	940	5800	1000	3400	1200	1300
Manganese (Mn)	240	120	150	130	81	330	86	270	84	250	330	320	98	110
Nickel	11	4.1	4.5	5.4	2.2 J	14	5.5	7.2	5.9	22	9.7	11	6.7	7.4
Potassium (K)	1700	1000	1100	1100	430	2400	470	840	670	3200	850	2000	640	610
Selenium	< 1.0 U	< 1.1 U	< 0.99 U	< 1.1 U	< 1.1 U	< 1.2 U	< 1.1 U	< 1.1 U	< 1.2 U	< 1.2 U	< 1.1 U	< 1.2 U	< 1.3 U	< 1.2 U
Silver	< 0.17 U	< 0.19 U	< 0.17 U	< 0.18 U	< 0.18 U	< 0.20 U	< 0.18 U	< 0.19 U	0.18 J	< 0.21 U	< 0.19 U	< 0.20 U	< 0.21 U	< 0.20 U
Sodium (Na)	87	79	100	73	64	120	47	54	74	210	100	160	100	95
Thallium	0.060 J	0.075 J	0.091 J	0.099 J	< 0.036 U	0.16	0.052 J	0.081 J	0.14 J	0.41	0.11 J	0.15 J	0.13 J	0.082 J
Vanadium	18	15	15	15	7.3	29	11	18	22	51	24	29	21	18
Zinc	21	12	13	12	5.6	24	7.1	13	12	50	19	41	16	15
PCBs														
Aroclor 1016	< 0.0072 U	< 0.0074 U	< 0.0069 U	< 0.0070 U	< 0.0073 U	< 0.0079 U	< 0.0072 U	< 0.0073 U	< 0.0079 U	< 0.0081 U	< 0.0077 U	< 0.0082 U	< 0.0084 UJ	< 0.0084 U
Aroclor 1221	< 0.0072 U	< 0.0074 U	< 0.0069 U	< 0.0070 U	< 0.0073 U	< 0.0079 U	< 0.0072 U	< 0.0073 U	< 0.0079 U	< 0.0081 U	< 0.0077 U	< 0.0082 U	< 0.0084 UJ	< 0.0084 U
Aroclor 1232	< 0.0072 U	< 0.0074 U	< 0.0069 U	< 0.0070 U	< 0.0073 U	< 0.0079 U	< 0.0072 U	< 0.0073 U	< 0.0079 U	< 0.0081 U	< 0.0077 U	< 0.0082 U	< 0.0084 UJ	< 0.0084 U
Aroclor 1242	< 0.0072 U	< 0.0074 U	< 0.0069 U	< 0.0070 U	< 0.0073 U	< 0.0079 U	< 0.0072 U	< 0.0073 U	< 0.0079 U	< 0.0081 U	< 0.0077 U	< 0.0082 U	< 0.0084 UJ	< 0.0084 U
Aroclor 1248	< 0.0072 U	< 0.0074 U	< 0.0069 U	< 0.0070 U	< 0.0073 U	< 0.0079 U	< 0.0072 U	< 0.0073 U	< 0.0079 U	< 0.0081 U	< 0.0077 U	< 0.0082 U	< 0.0084 UJ	< 0.0084 U
Aroclor 1254	< 0.0072 U	< 0.0074 U	< 0.0069 U	< 0.0070 U	< 0.0073 U	< 0.0079 U	< 0.0072 U	< 0.0073 U	< 0.0079 U	< 0.0081 U	< 0.0077 U	< 0.0082 U	< 0.0084 UJ	< 0.0084 U
Aroclor 1260	< 0.0072 U	< 0.0074 U	< 0.0069 U	< 0.0070 U	< 0.0073 U	< 0.0079 U	< 0.0072 U	< 0.0073 U	< 0.0079 U	< 0.0081 U	< 0.0077 U	< 0.0082 U	< 0.0084 UJ	< 0.0084 U
Aroclor 1262	< 0.0072 U	< 0.0074 U	< 0.0069 U	< 0.0070 U	< 0.0073 U	< 0.0079 U	< 0.0072 U	< 0.0073 U	< 0.0079 U	< 0.0081 U	< 0.0077 U	< 0.0082 U	< 0.0084 UJ	< 0.0084 U
Aroclor 1268	< 0.0072 U	< 0.0074 U	< 0.0069 U	< 0.0070 U	< 0.0073 U	< 0.0079 U	< 0.0072 U	< 0.0073 U	< 0.0079 U	< 0.0081 U	< 0.0077 U	< 0.0082 U	< 0.0084 UJ	< 0.0084 U

Appendix B2 Table 1
Analytical Data Summary Table - Phase I Soil
Camp Hero Remedial Investigation
Montauk, New York

Notes:

< - Result not detected above the limit of detection.

— = N/A

CAS - Chemical Abstracts Service.

FD - Field duplicate.

ft - feet.

J - The analyte was positively identified; the associated numerical value is an estimated quantity with an unknown bias.

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

mg/kg - milligram per kilogram.

N - Normal sample.

PCB - Polychlorinated Biphenyl.

SVOC - Semivolatile organic compound.

U - The analyte was not detected above the limit of detection.

UJ - The analyte was not detected above the reported limit of detection. However, the reported limit of detection is approximate and may or may not represent the actual limit of detection necessary to accurately and precisely measure the analyte in the sample.

VOC - Volatile organic compound.

(a) Chromium VI concentrations in these samples were calculated from total chromium concentrations using ratio presented in Appendix C.

Appendix B2 Table 2
Analytical Data Summary Tables - Phase I Background Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Depth Interval			BG01-SB01 BG01-SB01-05 6/9/2016 N 4 - 5 ft	BG01-SB01 BG01-SB01-06 6/9/2016 N 5 - 6 ft	BG01-SB01 BG01-SS01-01 6/9/2016 N 0 - 1 ft	BG01-SB02 BG01-SB02-05 6/9/2016 N 4 - 5 ft	BG01-SB02 BG01-SB02-06 6/9/2016 N 5 - 6 ft	BG01-SB02 BG01-SS02-01 6/9/2016 N 0 - 1 ft	BG01-SB03 BG01-SB03-05 6/9/2016 N 4 - 5 ft	BG01-SB03 BG01-SB03-08 6/9/2016 N 7 - 8 ft	BG01-SB03 BG01-SS03-01 6/9/2016 N 0 - 1 ft	BG01-SB04 BG01-SB04-04 6/9/2016 N 3 - 4 ft	BG01-SB04 BG01-SB04-05 6/9/2016 N 4 - 5 ft
Chemical	CAS	Units											
Metals													
Aluminum	7429-90-5	mg/kg	5800	8400	8500	10000 J-	7600	9600	12000	4000	7600	2700	6000
Antimony	7440-36-0	mg/kg	1.5	2.1	1.4	2.3	1.8	1.1	3.8	1.1	1.3	0.72 J	1.7
Arsenic	7440-38-2	mg/kg	1.1 J	2.0	0.88 J	1.7	0.75 J	1.4 J	2.3	2.0	1.0 J	< 0.78 U	0.82 J
Barium	7440-39-3	mg/kg	17	22	13	25 J-	17	16	31	10	14	5.3 J	18
Beryllium	7440-41-7	mg/kg	0.058 J	0.060 J	0.25	0.023 J	< 0.036 U	0.055 J	0.11 J	< 0.037 U	0.11 J	0.032 J	0.031 J
Cadmium	7440-43-9	mg/kg	< 0.038 U	< 0.039 U	0.20	< 0.037 U	< 0.036 U	< 0.036 U	< 0.040 U	< 0.037 U	< 0.036 U	< 0.039 U	< 0.039 U
Calcium (Ca)	7440-70-2	mg/kg	300	380	240	530 J+	540	280	730	410	250	170	300
Chromium	7440-47-3	mg/kg	8.2	11	7.6	15 J-	11	7.6	18	8.5	7.9	3.2	10
Chromium(VI) (a)	18540-29-9	mg/kg	0.60	0.80	0.55	1.1 J-	0.80	0.55	1.3	0.62	0.58	0.23	0.73
Cobalt	7440-48-4	mg/kg	1.5	2.1	1.4	2.3	1.8	1.0	3.8	1.1	1.3	0.70 J	1.7
Copper	7440-50-8	mg/kg	13	17	12	21	17	12	36	13	16	5.4	11
Iron (Fe)	7439-89-6	mg/kg	4300	5600	5000	7000 J-	5600	5000	14000	5200	6700	1900	3800
Lead	7439-92-1	mg/kg	2.1 J	2.4 J	5.5	3.3 J	2.5 J	3.1 J	3.7 J	1.8 J	3.3 J	0.61 J	1.5 J
Magnesium (Mg)	7439-95-4	mg/kg	850	1200	450	1700 J-	1400	550	2400	730	680	320	990
Manganese (Mn)	7439-96-5	mg/kg	49	67	37	100 J-	98	49	150	64	57	25	48
Nickel	7440-02-0	mg/kg	4.0	5.9	4.7	6.8	5.2	3.8	8.8	2.7 J	3.6	1.6 J	4.6
Potassium (K)	7440-09-7	mg/kg	570	760	270	960	770	270	1200	440	240	210	550
Selenium	7782-49-2	mg/kg	< 1.1 U	< 1.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.2 U	< 1.1 U	< 1.1 U	< 1.2 U	< 1.2 U
Silver	7440-22-4	mg/kg	< 0.19 U	< 0.19 U	0.066 J	< 0.18 U	< 0.18 U	< 0.18 U	< 0.20 U	< 0.19 U	< 0.18 U	< 0.20 U	< 0.19 U
Sodium (Na)	7440-23-5	mg/kg	47	65	51	67	67	45	90	53	47	41	55
Thallium	7440-28-0	mg/kg	0.096 J	0.081 J	0.066 J	0.070 J	0.066 J	0.062 J	0.11 J	0.066 J	0.062 J	< 0.039 U	0.17 J
Vanadium	7440-62-2	mg/kg	13	16	9.6	19 J-	13	10	28	19	11	4.1	9.1
Zinc	7440-66-6	mg/kg	8.2	12	17	16 J-	13	13	21	7.3	9.9	3.0 J	8.9
SVOCs													
1,2,4-Trichlorobenzene	120-82-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,2-Dichlorobenzene	95-50-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,3-Dichlorobenzene	541-73-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,4-Dichlorobenzene	106-46-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	mg/kg	< 0.00078 U	< 0.00077 U	< 0.00076 U	< 0.00073 U	< 0.00076 U	< 0.00075 U	< 0.00080 U	< 0.00076 U	< 0.00074 U	< 0.00082 U	< 0.00079 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2,4,6-Trichlorophenol	88-06-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2,4-Dichlorophenol	120-83-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2,4-Dimethylphenol	105-67-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2,4-Dinitrophenol	51-28-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2,4-Dinitrotoluene	121-14-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2,6-Dinitrotoluene	606-20-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Chlorophenol	95-57-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	mg/kg	< 0.00078 U	< 0.00077 U	< 0.00076 U	< 0.00073 U	< 0.00076 U	< 0.00075 U	< 0.00080 U	< 0.00076 U	< 0.00074 U	< 0.00082 U	< 0.00079 U
2-Methylphenol	95-48-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Nitroaniline	88-74-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Nitrophenol	88-75-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
3,3-Dichlorobenzidine	91-94-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	mg/kg	—	—	—	—	—	—	—	—	—	—	—
3-Nitroaniline	99-09-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Bromophenyl-phenylether	101-55-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Chloroaniline	106-47-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Chlorophenyl-phenylether	7005-72-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Nitroaniline	100-01-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Nitrophenol	100-02-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Acenaphthene	83-32-9	mg/kg	< 0.00078 U	< 0.00077 U	< 0.00076 U	< 0.00073 U	< 0.00076 U	< 0.00075 U	< 0.00080 U	< 0.00076 U	0.00082	< 0.00082 U	< 0.00079 U
Acenaphthylene	208-96-8	mg/kg	< 0.00078 U	< 0.00077 U	< 0.00076 U	< 0.00073 U	< 0.00076 U	< 0.00075 U	< 0.00080 U	< 0.00076 U	0.0010	< 0.00082 U	< 0.00079 U
Anthracene	120-12-7	mg/kg	< 0.00078 U	< 0.00077 U	< 0.00076 U	< 0.00073 U	0.00081	0.00076	< 0.00080 U	< 0.00076 U	0.0014	< 0.00082 U	< 0.00079 U

Appendix B2 Table 2
Analytical Data Summary Tables - Phase I Background Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Depth Interval			BG01-SB01 BG01-SB01-05 6/9/2016 N 4 - 5 ft	BG01-SB01 BG01-SB01-06 6/9/2016 N 5 - 6 ft	BG01-SB01 BG01-SS01-01 6/9/2016 N 0 - 1 ft	BG01-SB02 BG01-SB02-05 6/9/2016 N 4 - 5 ft	BG01-SB02 BG01-SB02-06 6/9/2016 N 5 - 6 ft	BG01-SB02 BG01-SS02-01 6/9/2016 N 0 - 1 ft	BG01-SB03 BG01-SB03-05 6/9/2016 N 4 - 5 ft	BG01-SB03 BG01-SB03-08 6/9/2016 N 7 - 8 ft	BG01-SB03 BG01-SS03-01 6/9/2016 N 0 - 1 ft	BG01-SB04 BG01-SB04-04 6/9/2016 N 3 - 4 ft	BG01-SB04 BG01-SB04-05 6/9/2016 N 4 - 5 ft
Chemical	CAS	Units											
SVOCs Continued													
Benzo(a)anthracene	56-55-3	mg/kg	< 0.00078 U	0.0011	0.0014	< 0.00073 U	0.0026	0.0048	< 0.00080 U	< 0.00076 U	0.014	< 0.00082 U	< 0.00079 U
Benzo(a)pyrene	50-32-8	mg/kg	< 0.00078 U	0.00092	0.00094	< 0.00073 U	0.0017	0.0044	< 0.00080 U	< 0.00076 U	0.011	< 0.00082 U	< 0.00079 U
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.00078 U	0.0016	0.0020	< 0.00073 U	0.0029	0.0083	< 0.00080 U	< 0.00076 U	0.024	< 0.00082 U	< 0.00079 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.00078 U	< 0.00077 U	0.00079 J+	< 0.00073 U	0.0013 J+	0.0032 J+	< 0.00080 U	< 0.00076 U	0.0074 J+	< 0.00082 U	< 0.00079 U
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.00078 U	< 0.00077 U	< 0.00076 U	< 0.00073 U	0.0012	0.0021	< 0.00080 U	< 0.00076 U	0.0048	< 0.00082 U	< 0.00079 U
Benzoic acid	65-85-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Benzyl Alcohol	100-51-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Bis(2-chloro-1-methylethyl) ether	108-60-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Bis(2-chloroethoxy)methane	111-91-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Bis(2-chloroethyl)ether	111-44-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chrysene	218-01-9	mg/kg	< 0.00078 U	0.0010	0.00095	< 0.00073 U	0.0019	0.0039	< 0.00080 U	< 0.00076 U	0.010	< 0.00082 U	< 0.00079 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.00078 U	< 0.00077 U	< 0.00076 U	< 0.00073 U	< 0.00076 U	< 0.00075 U	< 0.00080 U	< 0.00076 U	< 0.00074 U	< 0.00082 U	< 0.00079 U
Dibenzofuran	132-64-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	< 0.00078 U	0.0025	0.0026	< 0.00073 U	0.0050	0.0099	< 0.00080 U	< 0.00076 U	0.025	< 0.00082 U	< 0.00079 U
Fluorene	86-73-7	mg/kg	< 0.00078 U	< 0.00077 U	< 0.00076 U	< 0.00073 U	< 0.00076 U	< 0.00075 U	< 0.00080 U	< 0.00076 U	0.0011	< 0.00082 U	< 0.00079 U
Hexachlorobenzene	118-74-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Hexachlorobutadiene	87-68-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Hexachloroethane	67-72-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	< 0.00078 U	< 0.00077 U	< 0.00076 U	< 0.00073 U	0.0011	0.0027	< 0.00080 U	< 0.00076 U	0.0063	< 0.00082 U	< 0.00079 U
Isophorone	78-59-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	< 0.00078 U	< 0.00077 U	< 0.00076 U	< 0.00073 U	< 0.00076 U	< 0.00075 U	< 0.00080 U	< 0.00076 U	0.00080	< 0.00082 U	< 0.00079 U
Nitrobenzene	98-95-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Nitrosodimethylamine	62-75-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Nitrosodiphenylamine	86-30-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Pentachlorophenol	87-86-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	< 0.00078 U	0.0017	0.0020	< 0.00073 U	0.0038	0.0052	< 0.00080 U	< 0.00076 U	0.016	< 0.00082 U	< 0.00079 U
Phenol	108-95-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Pyrene	129-00-0	mg/kg	< 0.00078 U	0.0023	0.0024	< 0.00073 U	0.0045	0.0093	< 0.00080 U	< 0.00076 U	0.024	< 0.00082 U	< 0.00079 U
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	< 0.0018 U	0.0012	0.0014	< 0.0017 U	0.0025	0.0062	< 0.0018 U	< 0.0018 U	0.016	< 0.0019 U	< 0.0018 U
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	< 0.007 U	0.010	0.011	< 0.0066 U	0.018	0.039	< 0.0072 U	< 0.0068 U	0.1	< 0.0074 U	< 0.0071 U
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	< 0.007 U	0.0096	0.0099	< 0.0066 U	0.014	0.02	< 0.0072 U	< 0.0068 U	0.048	< 0.0074 U	< 0.0071 U
Total PAHs Calculated	CALC-PAH	mg/kg	< 0.014 U	0.02	0.021	< 0.013 U	0.032	0.06	< 0.014 U	< 0.014 U	0.15	< 0.015 U	< 0.014 U

Appendix B2 Table 2
Analytical Data Summary Tables - Phase I Background Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Depth Interval		BG01-SB04 BG01-SB04-05 DUP 6/9/2016 FD BG01-SB04-05 4 - 5 ft	BG01-SB04 BG01-SS04-01 6/9/2016 N 0 - 1 ft	BG01-SS05 BG01-SS05-01 6/9/2016 N 0 - 1 ft	BG01-SS06 BG01-SS06-01 6/9/2016 N 0 - 1 ft	BG01-SS07 BG01-SS07-01 6/9/2016 N 0 - 1 ft	BG01-SS07 BG01-SS07-01 DUP 6/9/2016 FD BG01-SS07-01 0 - 1 ft	BG01-SS08 BG01-SS08-01 6/9/2016 N 0 - 1 ft	BG02-SB01 BG02-SB01-05 6/10/2016 N 4 - 5 ft	BG02-SB01 BG02-SB01-06 6/10/2016 N 5 - 6 ft	BG02-SB01 BG02-SS01-01 6/10/2016 N 0 - 1 ft	BG02-SB02 BG02-SB02-05 6/10/2016 N 4 - 5 ft	
Chemical	CAS	Units											
Metals													
Aluminum	7429-90-5	mg/kg	4700	9500	8400	5200	6100	5000	5500	5900	5600	9200	4000 J+
Antimony	7440-36-0	mg/kg	1.4	1.1	1.1	5.3	0.90	0.54 J	0.45 J	2.4	2.1	1.6	1.9
Arsenic	7440-38-2	mg/kg	0.85 J	1.2 J	1.3 J	2.8	0.70 J	1.2 J	< 0.77 U	2.0	1.7	1.9	1.1 J
Barium	7440-39-3	mg/kg	12	17	17	14	10	8.5	9.4	15	16	16	10
Beryllium	7440-41-7	mg/kg	0.029 J	0.063 J	0.093 J	4.9	0.17 J	0.051 J	0.051 J	0.13 J	0.13 J	0.25	0.092 J
Cadmium	7440-43-9	mg/kg	< 0.038 U	< 0.036 U	0.047 J	4.1	0.032 J	0.036 J	0.044 J	< 0.038 U	0.035 J	0.033 J	< 0.034 U
Calcium (Ca)	7440-70-2	mg/kg	270	220	270	270	240	250	220	490	430	310	490 J+
Chromium	7440-47-3	mg/kg	7.2	7.9	8.3	9.7	6.3	5.3	4.2	9.2	8.8	9.3	6.7
Chromium(VI) (a)	18540-29-9	mg/kg	0.53	0.58	0.61	0.71	0.46	0.39	0.31	0.67	0.64	0.68	0.49
Cobalt	7440-48-4	mg/kg	1.3	1.1	1.2	5.5	1.0	0.74 J	0.57 J	2.6	2.2	1.8	2.0
Copper	7440-50-8	mg/kg	9.3	14	14	17	14	13	9.0	22	23	20	16
Iron (Fe)	7439-89-6	mg/kg	3000	5700	5800	4700	5700	5500	3600	7800	9200	8300	6400 J-
Lead	7439-92-1	mg/kg	1.5 J	3.8	11	9.8	3.2 J	4.1	3.1 J	1.4 J	1.8 J	3.0 J	1.2 J
Magnesium (Mg)	7439-95-4	mg/kg	750	540	600	290	500	410	300	1300	850	780	920 J-
Manganese (Mn)	7439-96-5	mg/kg	38	39	50	44	45	39	30	120	390	76	120 J-
Nickel	7440-02-0	mg/kg	3.6 J	4.4	4.2 J	7.2	2.9 J	2.1 J	1.9 J	4.8	4.0	4.5	3.7
Potassium (K)	7440-09-7	mg/kg	420	270	340	170	220	220	200	570	360	240	350
Selenium	7782-49-2	mg/kg	< 1.1 U	< 1.1 U	< 1.3 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.0 U
Silver	7440-22-4	mg/kg	< 0.19 U	< 0.18 U	< 0.21 U	3.8	< 0.18 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.17 U
Sodium (Na)	7440-23-5	mg/kg	50	42	62	63	46	52	50	85	69	53	69
Thallium	7440-28-0	mg/kg	0.089 J	0.061 J	0.14 J	0.13 J	0.091 J	0.13 J	0.056 J	0.056 J	0.054 J	0.095 J	0.051 J
Vanadium	7440-62-2	mg/kg	7.1	11	13	13	9.0	8.9	7.1	11	13	14	9.2
Zinc	7440-66-6	mg/kg	6.9	14	12	25	6.9	6.4	6.7	9.6	7.6	12	6.7
SVOCs													
1,2,4-Trichlorobenzene	120-82-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,2-Dichlorobenzene	95-50-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,3-Dichlorobenzene	541-73-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,4-Dichlorobenzene	106-46-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	mg/kg	< 0.00077 U	< 0.00076 U	0.0059	< 0.00075 U	< 0.00073 U	< 0.00076 U	< 0.00078 U	< 0.00078 U	< 0.00076 U	< 0.00074 U	< 0.00069 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2,4,6-Trichlorophenol	88-06-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2,4-Dichlorophenol	120-83-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2,4-Dimethylphenol	105-67-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2,4-Dinitrophenol	51-28-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2,4-Dinitrotoluene	121-14-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2,6-Dinitrotoluene	606-20-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Chlorophenol	95-57-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	mg/kg	< 0.00077 U	< 0.00076 U	0.0052	< 0.00075 U	< 0.00073 UJ	0.00087 J	< 0.00078 U	< 0.00078 U	< 0.00076 U	0.00081	< 0.00069 U
2-Methylphenol	95-48-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Nitroaniline	88-74-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Nitrophenol	88-75-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
3,3-Dichlorobenzidine	91-94-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	mg/kg	—	—	—	—	—	—	—	—	—	—	—
3-Nitroaniline	99-09-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Bromophenyl-phenylether	101-55-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Chloroaniline	106-47-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Chlorophenyl-phenylether	7005-72-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Nitroaniline	100-01-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Nitrophenol	100-02-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Acenaphthene	83-32-9	mg/kg	< 0.00077 U	< 0.00076 U	0.024	< 0.00075 U	< 0.00073 U	< 0.00076 U	< 0.00078 U	< 0.00078 U	< 0.00076 U	< 0.00074 U	< 0.00069 U
Acenaphthylene	208-96-8	mg/kg	< 0.00077 U	< 0.00076 U	0.012	< 0.00075 U	< 0.00073 U	< 0.00076 U	< 0.00078 U	< 0.00078 U	< 0.00076 U	< 0.00074 U	< 0.00069 U
Anthracene	120-12-7	mg/kg	< 0.00077 U	< 0.00076 U	0.057	0.0011	< 0.00073 U	< 0.00076 U	< 0.00078 U	< 0.00078 U	< 0.00076 U	< 0.00074 U	< 0.00069 U

Appendix B2 Table 2
Analytical Data Summary Tables - Phase I Background Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Depth Interval			BG01-SB04 BG01-SB04-05 DUP 6/9/2016 FD BG01-SB04-05 4 - 5 ft	BG01-SB04 BG01-SS04-01 6/9/2016 N	BG01-SS05 BG01-SS05-01 6/9/2016 N	BG01-SS06 BG01-SS06-01 6/9/2016 N	BG01-SS07 BG01-SS07-01 6/9/2016 N	BG01-SS07 BG01-SS07-01 DUP 6/9/2016 FD BG01-SS07-01 0 - 1 ft	BG01-SS08 BG01-SS08-01 6/9/2016 N	BG02-SB01 BG02-SB01-05 6/10/2016 N	BG02-SB01 BG02-SB01-06 6/10/2016 N	BG02-SB01 BG02-SS01-01 6/10/2016 N	BG02-SB02 BG02-SB02-05 6/10/2016 N
Chemical	CAS	Units											
SVOCs Continued													
Benzo(a)anthracene	56-55-3	mg/kg	< 0.00077 U	0.00094	0.20 J-	0.0067	0.0013	0.0014	0.00088	< 0.00078 U	0.0046	0.00090	< 0.00069 U
Benzo(a)pyrene	50-32-8	mg/kg	< 0.00077 U	< 0.00076 U	0.53	0.0054	0.00082	0.00095	< 0.00078 U	< 0.00078 U	0.0038	0.00076	< 0.00069 U
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.00077 U	0.0018	0.30 J-	0.011	0.0021	0.0020	0.0013	< 0.00078 U	0.0064	0.0014	< 0.00069 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.00077 U	< 0.00076 U	0.082 J+	0.0030 J+	< 0.00073 UJ	0.00084 J	< 0.00078 U	< 0.00078 U	0.0031	< 0.00074 U	< 0.00069 U
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.00077 U	< 0.00076 U	0.44	0.0031	< 0.00073 U	< 0.00076 U	< 0.00078 U	< 0.00078 U	0.0022	< 0.00074 U	< 0.00069 U
Benzoic acid	65-85-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Benzyl Alcohol	100-51-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Bis(2-chloro-1-methylethyl) ether	108-60-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Bis(2-chloroethoxy)methane	111-91-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Bis(2-chloroethyl)ether	111-44-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chrysene	218-01-9	mg/kg	< 0.00077 U	0.00086	0.20 J-	0.0051	0.00084	0.0010	< 0.00078 U	< 0.00078 U	0.0036	0.00087	< 0.00069 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.00077 U	< 0.00076 U	0.021	< 0.00075 U	< 0.00073 U	< 0.00076 U	< 0.00078 U	< 0.00078 U	< 0.00076 U	< 0.00074 U	< 0.00069 U
Dibenzofuran	132-64-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	< 0.00077 U	0.0017	0.57 J-	0.013	0.0019	0.0024	0.0017	< 0.00078 U	0.0093	0.0018	< 0.00069 U
Fluorene	86-73-7	mg/kg	< 0.00077 U	< 0.00076 U	0.030	< 0.00075 U	< 0.00073 U	< 0.00076 U	< 0.00078 U	< 0.00078 U	< 0.00076 U	< 0.00074 U	< 0.00069 U
Hexachlorobenzene	118-74-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Hexachlorobutadiene	87-68-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Hexachloroethane	67-72-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	< 0.00077 U	< 0.00076 U	0.36	0.0025	< 0.00073 U	< 0.00076 U	< 0.00078 U	< 0.00078 U	< 0.00076 U	< 0.00074 U	< 0.00069 U
Isophorone	78-59-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	< 0.00077 U	< 0.00076 U	0.0057	< 0.00075 U	< 0.00073 UJ	0.00099 J	< 0.00078 U	< 0.00078 U	< 0.00076 U	< 0.00074 U	< 0.00069 U
Nitrobenzene	98-95-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Nitrosodimethylamine	62-75-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Nitrosodiphenylamine	86-30-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Pentachlorophenol	87-86-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	< 0.00077 U	0.0013	0.31 J-	0.0090	0.0015	0.0019	0.0013	< 0.00078 U	0.0058	0.0012	< 0.00069 U
Phenol	108-95-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Pyrene	129-00-0	mg/kg	< 0.00077 U	0.0017	0.43 J-	0.012	0.0019	0.0024	0.0016	< 0.00078 U	0.0087	0.0017	< 0.00069 U
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	< 0.0018 U	0.00039	0.64	0.0077	0.0012	0.0014	0.00031	< 0.0018 U	0.0052	0.0010	< 0.0016 U
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	< 0.0069 U	0.0091	2.6	0.05	0.0099	0.011	0.0085	< 0.0070 U	0.034	0.0086	< 0.0062 U
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	< 0.0069 U	0.0083	1.0	0.028	0.0085	0.010	0.0085	< 0.007 U	0.020	0.0083	< 0.0062 U
Total PAHs Calculated	CALC-PAH	mg/kg	< 0.014 U	0.017	3.6	0.077	0.018	0.021	0.017	< 0.014 U	0.054	0.017	< 0.012 U

Appendix B2 Table 2
Analytical Data Summary Tables - Phase I Background Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Depth Interval			BG02-SB02 BG02-SB02-10 6/10/2016 N 9 - 10 ft	BG02-SB02 BG02-SS02-01 6/10/2016 N 0 - 1 ft	BG02-SB03 BG02-SB03-05 6/10/2016 N 4 - 5 ft	BG02-SB03 BG02-SB03-10 6/10/2016 N 9 - 10 ft	BG02-SB03 BG02-SS03-01 6/10/2016 N 0 - 1 ft	BG02-SB04 BG02-SB04-04 6/10/2016 N 3 - 4 ft	BG02-SB04 BG02-SB04-05 6/10/2016 N 4 - 5 ft	BG02-SB04 BG02-SB04-05 DUP 6/10/2016 FD BG02-SB04-05 4 - 5 ft	BG02-SB04 BG02-SS04-01 6/10/2016 N 0 - 1 ft	BG02-SS05 BG02-SS05-01 6/10/2016 N 0 - 1 ft	BG02-SS06 BG02-SS06-01 6/10/2016 N 0 - 1 ft
Chemical	CAS	Units											
Metals													
Aluminum	7429-90-5	mg/kg	2700	8300	4300	12000	12000	3500	3700	5000	9800	9900	14000
Antimony	7440-36-0	mg/kg	1.5	1.3	2.9	4.7	1.3	1.4	1.5	1.6	1.7	1.8	2.7
Arsenic	7440-38-2	mg/kg	< 0.78 U	1.1 J	1.8	1.9	0.99 J	1.1 J	1.5	2.0	2.2	1.7	3.4
Barium	7440-39-3	mg/kg	7.9	15	11	49	19	9.8	11	14	16	17	28
Beryllium	7440-41-7	mg/kg	0.041 J	0.20	0.11 J	0.25	0.20	0.091 J	0.10 J	0.15 J	0.19	0.19	0.30
Cadmium	7440-43-9	mg/kg	< 0.039 U	< 0.036 U	0.025 J	0.026 J	0.043 J	0.031 J	0.030 J	< 0.037 UJ	< 0.036 U	0.039 J	0.031 J
Calcium (Ca)	7440-70-2	mg/kg	480	320	360	480	310	550	630	560	340	350	350
Chromium	7440-47-3	mg/kg	4.9	7.7	10	17	11	5.0	6.5	7.3	9.4	10	15
Chromium(VI) (a)	18540-29-9	mg/kg	0.36	0.56	0.73	1.2	0.80	0.37	0.47	0.53	0.69	0.73	1.1
Cobalt	7440-48-4	mg/kg	1.6	1.5	3.1	5.1	1.5	1.6	1.6	1.8	1.9	2.0	2.9
Copper	7440-50-8	mg/kg	11	17	29	36	27	13	15	19	20	23	31
Iron (Fe)	7439-89-6	mg/kg	4400	7300	13000	13000	13000	4500	5600	6800	9100	9900	13000
Lead	7439-92-1	mg/kg	1.1 J	2.7 J	1.8 J	2.5 J	3.4 J	1.1 J	1.2 J	1.9 J	2.6 J	3.5 J	4.3
Magnesium (Mg)	7439-95-4	mg/kg	590	630	840	3000	780	720	800	940	880	920	1300
Manganese (Mn)	7439-96-5	mg/kg	76	76	97	230	99	63	70	82	70	95	110
Nickel	7440-02-0	mg/kg	2.8 J	3.8	4.8	10	4.5	3.1 J	3.2 J	3.9	5.6	5.1	7.5
Potassium (K)	7440-09-7	mg/kg	320	220	400	1800	300	340	350	370	270	290	440
Selenium	7782-49-2	mg/kg	< 1.2 U	< 1.1 U	< 0.99 U	< 1.1 U	< 1.1 U	< 1.0 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
Silver	7440-22-4	mg/kg	< 0.19 U	< 0.18 U	< 0.17 U	< 0.18 U	< 0.18 U	< 0.17 U	< 0.19 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.19 U
Sodium (Na)	7440-23-5	mg/kg	88	53	47	89	46	66	76	92	52	55	64
Thallium	7440-28-0	mg/kg	0.042 J	0.056 J	0.048 J	0.14 J	0.065 J	< 0.035 U	0.050 J	0.043 J	0.063 J	0.059 J	0.088 J
Vanadium	7440-62-2	mg/kg	6.2	12	17	21	18	6.9	9.3	9.8	14	16	21
Zinc	7440-66-6	mg/kg	5.2	10	8.6	21	13	5.6	5.9	6.9	14	13	17
SVOCs													
1,2,4-Trichlorobenzene	120-82-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,2-Dichlorobenzene	95-50-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,3-Dichlorobenzene	541-73-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,4-Dichlorobenzene	106-46-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	mg/kg	< 0.00078 U	< 0.00072 U	< 0.00070 U	< 0.00072 U	< 0.00077 U	< 0.00070 U	< 0.00075 U	< 0.00076 U	< 0.00072 U	< 0.00074 U	< 0.00076 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2,4,6-Trichlorophenol	88-06-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2,4-Dichlorophenol	120-83-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2,4-Dimethylphenol	105-67-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2,4-Dinitrophenol	51-28-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2,4-Dinitrotoluene	121-14-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2,6-Dinitrotoluene	606-20-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Chlorophenol	95-57-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	mg/kg	< 0.00078 U	< 0.00072 U	< 0.00070 U	< 0.00072 U	0.0011	< 0.00070 U	< 0.00075 U	< 0.00076 U	0.00074	0.00083	< 0.00076 U
2-Methylphenol	95-48-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Nitroaniline	88-74-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Nitrophenol	88-75-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
3,3-Dichlorobenzidine	91-94-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	mg/kg	—	—	—	—	—	—	—	—	—	—	—
3-Nitroaniline	99-09-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Bromophenyl-phenylether	101-55-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Chloroaniline	106-47-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Chlorophenyl-phenylether	7005-72-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Nitroaniline	100-01-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Nitrophenol	100-02-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Acenaphthene	83-32-9	mg/kg	< 0.00078 U	< 0.00072 U	< 0.00070 U	< 0.00072 U	< 0.00077 U	< 0.00070 U	< 0.00075 U	< 0.00076 U	< 0.00072 U	0.00075	< 0.00076 U
Acenaphthylene	208-96-8	mg/kg	< 0.00078 U	< 0.00072 U	< 0.00070 U	< 0.00072 U	< 0.00077 U	< 0.00070 U	< 0.00075 U	< 0.00076 U	< 0.00072 U	< 0.00074 U	< 0.00076 U
Anthracene	120-12-7	mg/kg	< 0.00078 U	< 0.00072 U	< 0.00070 U	< 0.00072 U	< 0.00077 U	< 0.00070 U	< 0.00075 U	< 0.00076 U	< 0.00072 U	0.0018	< 0.00076 U

Notes provided on the last page of table.

Appendix B2 Table 2
Analytical Data Summary Tables - Phase I Background Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Depth Interval			BG02-SB02 BG02-SB02-10 6/10/2016 N 9 - 10 ft	BG02-SB02 BG02-SS02-01 6/10/2016 N 0 - 1 ft	BG02-SB03 BG02-SB03-05 6/10/2016 N 4 - 5 ft	BG02-SB03 BG02-SB03-10 6/10/2016 N 9 - 10 ft	BG02-SB03 BG02-SS03-01 6/10/2016 N 0 - 1 ft	BG02-SB04 BG02-SB04-04 6/10/2016 N 3 - 4 ft	BG02-SB04 BG02-SB04-05 6/10/2016 N 4 - 5 ft	BG02-SB04 BG02-SB04-05 DUP 6/10/2016 FD BG02-SB04-05 4 - 5 ft	BG02-SB04 BG02-SS04-01 6/10/2016 N 0 - 1 ft	BG02-SS05 BG02-SS05-01 6/10/2016 N 0 - 1 ft	BG02-SS06 BG02-SS06-01 6/10/2016 N 0 - 1 ft
Chemical	CAS	Units											
SVOCs Continued													
Benzo(a)anthracene	56-55-3	mg/kg	< 0.00078 U	0.0041	< 0.00070 U	< 0.00072 U	0.0014	< 0.00070 U	< 0.00075 U	< 0.00076 U	< 0.00072 U	0.011	0.0021
Benzo(a)pyrene	50-32-8	mg/kg	< 0.00078 U	0.0035	< 0.00070 U	< 0.00072 U	0.0013	< 0.00070 U	< 0.00075 U	< 0.00076 U	< 0.00072 U	0.0092	0.0016
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.00078 U	0.0057	< 0.00070 U	< 0.00072 U	0.0023	< 0.00070 U	< 0.00075 U	< 0.00076 U	< 0.00072 U	0.016	0.0032
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.00078 U	0.0024	< 0.00070 U	< 0.00072 U	0.00095	< 0.00070 U	< 0.00075 U	< 0.00076 U	< 0.00072 U	0.0064	0.0014
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.00078 U	0.0022	< 0.00070 U	< 0.00072 U	< 0.00077 U	< 0.00070 U	< 0.00075 U	< 0.00076 U	< 0.00072 U	0.0044	< 0.00076 U
Benzoic acid	65-85-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Benzyl Alcohol	100-51-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Bis(2-chloro-1-methylethyl) ether	108-60-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Bis(2-chloroethoxy)methane	111-91-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Bis(2-chloroethyl)ether	111-44-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chrysene	218-01-9	mg/kg	< 0.00078 U	0.0036	< 0.00070 U	< 0.00072 U	0.0014	< 0.00070 U	< 0.00075 U	< 0.00076 U	< 0.00072 U	0.0092	0.0015
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.00078 U	< 0.00072 U	< 0.00070 U	< 0.00072 U	< 0.00077 U	< 0.00070 U	< 0.00075 U	< 0.00076 U	< 0.00072 U	0.00082	< 0.00076 U
Dibenzofuran	132-64-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	< 0.00078 U	0.0080	< 0.00070 U	< 0.00072 U	0.0030	< 0.00070 U	< 0.00075 U	< 0.00076 U	< 0.00072 U	0.022	0.0038
Fluorene	86-73-7	mg/kg	< 0.00078 U	< 0.00072 U	< 0.00070 U	< 0.00072 U	< 0.00077 U	< 0.00070 U	< 0.00075 U	< 0.00076 U	< 0.00072 U	0.00086	< 0.00076 U
Hexachlorobenzene	118-74-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Hexachlorobutadiene	87-68-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Hexachloroethane	67-72-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	< 0.00078 U	0.0021	< 0.00070 U	< 0.00072 U	< 0.00077 U	< 0.00070 U	< 0.00075 U	< 0.00076 U	< 0.00072 U	0.0056	< 0.00076 U
Isophorone	78-59-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	< 0.00078 U	0.00074	< 0.00070 U	< 0.00072 U	0.00097	< 0.00070 U	< 0.00075 U	< 0.00076 U	0.00085	0.00090	< 0.00076 U
Nitrobenzene	98-95-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Nitrosodimethylamine	62-75-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Nitrosodiphenylamine	86-30-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Pentachlorophenol	87-86-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	< 0.00078 U	0.0048	< 0.00070 U	< 0.00072 U	0.0021	< 0.00070 U	< 0.00075 U	< 0.00076 U	< 0.00072 U	0.013	0.0023
Phenol	108-95-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Pyrene	129-00-0	mg/kg	< 0.00078 U	0.0074	< 0.00070 U	< 0.00072 U	0.0029	< 0.00070 U	< 0.00075 U	< 0.00076 U	< 0.00072 U	0.020	0.0035
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	< 0.0018 U	0.005	< 0.0016 U	< 0.0017 U	0.0017	< 0.0016 U	< 0.0017 U	< 0.0018 U	< 0.0017 U	0.013	0.0022
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	< 0.007 U	0.032	< 0.0063 U	< 0.0065 U	0.013	< 0.0063 U	< 0.0068 U	< 0.0068 U	< 0.0065 U	0.083	0.016
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	< 0.007 U	0.018	< 0.0063 U	< 0.0065 U	0.011	< 0.0063 U	< 0.0068 U	< 0.0068 U	0.0066	0.042	0.011
Total PAHs Calculated	CALC-PAH	mg/kg	< 0.014 U	0.05	< 0.013 U	< 0.013 U	0.024	< 0.013 U	< 0.014 U	< 0.014 U	0.013	0.12	0.027

Appendix B2 Table 2
Analytical Data Summary Tables - Phase I Background Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Depth Interval			BG04-SB02 BG04-SB02-10 6/15/2016 N 9 - 10 ft	BG04-SB02 BG04-SS02-01 6/15/2016 N 0 - 1 ft	BG04-SB03 BG04-SB03-05 6/15/2016 N 4 - 5 ft	BG04-SB03 BG04-SB03-10 6/15/2016 N 9 - 10 ft	BG04-SB03 BG04-SS03-01 6/15/2016 N 0 - 1 ft	BG04-SB04 BG04-SB04-05 6/15/2016 N 4 - 5 ft	BG04-SB04 BG04-SB04-05 DUP 6/15/2016 FD BG04-SB04-05 4 - 5 ft	BG04-SB04 BG04-SB04-10 6/15/2016 N 9 - 10 ft	BG04-SB04 BG04-SS04-01 6/15/2016 N 0 - 1 ft	BG04-SS05 BG04-SS05-01 6/15/2016 N 0 - 1 ft	BG04-SS06 BG04-SS06-01 6/15/2016 N 0 - 1 ft
Chemical	CAS	Units											
SVOCs Continued													
Benzo(a)anthracene	56-55-3	mg/kg	< 0.00079 U	0.22	< 0.00078 U	< 0.00080 U	0.026	< 0.00077 U	< 0.00075 U	< 0.00071 U	0.0088	0.024	0.026
Benzo(a)pyrene	50-32-8	mg/kg	< 0.00079 U	0.17	< 0.00078 U	< 0.00080 U	0.022	< 0.00077 U	< 0.00075 U	< 0.00071 U	0.0069	0.020	0.023
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.00079 U	0.25	< 0.00078 U	< 0.00080 U	0.030	< 0.00077 U	< 0.00075 U	< 0.00071 U	0.0095	0.031	0.036
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.00079 U	0.10	< 0.00078 U	< 0.00080 U	0.013	< 0.00077 U	< 0.00075 U	< 0.00071 U	0.0045	0.011	0.013
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.00079 U	0.086	< 0.00078 U	< 0.00080 U	0.016	< 0.00077 U	< 0.00075 U	< 0.00071 U	0.0041	0.0083	0.013
Benzoic acid	65-85-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Benzyl Alcohol	100-51-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Bis(2-chloro-1-methylethyl) ether	108-60-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Bis(2-chloroethoxy)methane	111-91-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Bis(2-chloroethyl)ether	111-44-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chrysene	218-01-9	mg/kg	< 0.00079 U	0.20	< 0.00078 U	< 0.00080 U	0.026	< 0.00077 U	< 0.00075 U	< 0.00071 U	0.0074	0.020	0.025
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.00079 U	< 0.016 U	< 0.00078 U	< 0.00080 U	< 0.0025 U	< 0.00077 U	< 0.00075 U	< 0.00071 U	< 0.0024 U	< 0.0025 U	< 0.0026 U
Dibenzofuran	132-64-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	< 0.00079 U	0.54	< 0.00078 U	< 0.00080 U	0.069	< 0.00077 U	< 0.00075 U	< 0.00071 U	0.021	0.060	0.072
Fluorene	86-73-7	mg/kg	< 0.00079 U	0.024	< 0.00078 U	< 0.00080 U	0.0032	< 0.00077 U	< 0.00075 U	< 0.00071 U	< 0.0024 U	0.0027	0.0037
Hexachlorobenzene	118-74-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Hexachlorobutadiene	87-68-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Hexachloroethane	67-72-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	< 0.00079 U	0.10	< 0.00078 U	< 0.00080 U	0.013	< 0.00077 U	< 0.00075 U	< 0.00071 U	0.0045	< 0.0025 U	0.013
Isophorone	78-59-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	< 0.00079 U	< 0.016 U	< 0.00078 U	< 0.00080 U	< 0.0025 U	< 0.00077 U	< 0.00075 U	< 0.00071 U	< 0.0024 U	< 0.0025 U	0.0048
Nitrobenzene	98-95-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Nitrosodimethylamine	62-75-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Nitrosodiphenylamine	86-30-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Pentachlorophenol	87-86-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	< 0.00079 U	0.31	< 0.00078 U	< 0.00080 U	0.043	< 0.00077 U	< 0.00075 U	< 0.00071 U	0.012	0.035	0.044
Phenol	108-95-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Pyrene	129-00-0	mg/kg	< 0.00079 U	0.41	< 0.00078 U	< 0.00080 U	0.053	< 0.00077 U	< 0.00075 U	< 0.00071 U	0.016	0.045	0.053
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	< 0.0018 U	0.23	< 0.0018 U	< 0.0018 U	0.03	< 0.0018 U	< 0.0017 U	< 0.0016 U	0.0097	0.026	0.031
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	< 0.0071 U	1.5	< 0.007 U	< 0.0072 U	0.20	< 0.0069 U	< 0.0068 U	< 0.0064 U	0.064	0.16	0.20
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	< 0.0071 U	1.0	< 0.007 U	< 0.0072 U	0.14	< 0.0069 U	< 0.0068 U	< 0.0064 U	0.050	0.12	0.15
Total PAHs Calculated	CALC-PAH	mg/kg	< 0.014 U	2.6	< 0.014 U	< 0.014 U	0.34	< 0.014 U	< 0.014 U	< 0.013 U	0.11	0.28	0.35

Appendix B2 Table 2
Analytical Data Summary Tables - Phase I Background Soil
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	BG04-SS07
		Sample ID	BG04-SS07-01
		Sample Date	6/15/2016
		Sample Type Code	N
		Parent Sample ID	
		Depth Interval	0 - 1 ft
Chemical	CAS	Units	
Metals			
Aluminum	7429-90-5	mg/kg	14000
Antimony	7440-36-0	mg/kg	1.2
Arsenic	7440-38-2	mg/kg	3.3
Barium	7440-39-3	mg/kg	38
Beryllium	7440-41-7	mg/kg	0.14 J
Cadmium	7440-43-9	mg/kg	0.091 J
Calcium (Ca)	7440-70-2	mg/kg	970
Chromium	7440-47-3	mg/kg	11
Chromium(VI) (a)	18540-29-9	mg/kg	0.80
Cobalt	7440-48-4	mg/kg	1.4
Copper	7440-50-8	mg/kg	35
Iron (Fe)	7439-89-6	mg/kg	16000
Lead	7439-92-1	mg/kg	10
Magnesium (Mg)	7439-95-4	mg/kg	1400
Manganese (Mn)	7439-96-5	mg/kg	130
Nickel	7440-02-0	mg/kg	6.2
Potassium (K)	7440-09-7	mg/kg	590
Selenium	7782-49-2	mg/kg	< 1.3 U
Silver	7440-22-4	mg/kg	< 0.21 U
Sodium (Na)	7440-23-5	mg/kg	100
Thallium	7440-28-0	mg/kg	0.098 J
Vanadium	7440-62-2	mg/kg	25
Zinc	7440-66-6	mg/kg	23
SVOCs			
1,2,4-Trichlorobenzene	120-82-1	mg/kg	—
1,2-Dichlorobenzene	95-50-1	mg/kg	—
1,3-Dichlorobenzene	541-73-1	mg/kg	—
1,4-Dichlorobenzene	106-46-7	mg/kg	—
1-Methylnaphthalene	90-12-0	mg/kg	0.0086
2,4,5-Trichlorophenol	95-95-4	mg/kg	—
2,4,6-Trichlorophenol	88-06-2	mg/kg	—
2,4-Dichlorophenol	120-83-2	mg/kg	—
2,4-Dimethylphenol	105-67-9	mg/kg	—
2,4-Dinitrophenol	51-28-5	mg/kg	—
2,4-Dinitrotoluene	121-14-2	mg/kg	—
2,6-Dinitrotoluene	606-20-2	mg/kg	—
2-Chloronaphthalene	91-58-7	mg/kg	—
2-Chlorophenol	95-57-8	mg/kg	—
2-Methylnaphthalene	91-57-6	mg/kg	< 0.0086 U
2-Methylphenol	95-48-7	mg/kg	—
2-Nitroaniline	88-74-4	mg/kg	—
2-Nitrophenol	88-75-5	mg/kg	—
3,3-Dichlorobenzidine	91-94-1	mg/kg	—
3,4-Methylphenol	108394/106445	mg/kg	—
3-Nitroaniline	99-09-2	mg/kg	—
4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	—
4-Bromophenyl-phenylether	101-55-3	mg/kg	—
4-Chloro-3-methylphenol	59-50-7	mg/kg	—
4-Chloroaniline	106-47-8	mg/kg	—
4-Chlorophenyl-phenylether	7005-72-3	mg/kg	—
4-Nitroaniline	100-01-6	mg/kg	—
4-Nitrophenol	100-02-7	mg/kg	—
Acenaphthene	83-32-9	mg/kg	0.013
Acenaphthylene	208-96-8	mg/kg	< 0.0086 U
Anthracene	120-12-7	mg/kg	0.025

Notes provided on the last page of table.

Appendix B2 Table 2
Analytical Data Summary Tables - Phase I Background Soil
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	BG04-SS07
		Sample ID	BG04-SS07-01
		Sample Date	6/15/2016
		Sample Type Code	N
		Parent Sample ID	
		Depth Interval	0 - 1 ft
Chemical	CAS	Units	
SVOCs Continued			
Benzo(a)anthracene	56-55-3	mg/kg	0.10
Benzo(a)pyrene	50-32-8	mg/kg	0.088
Benzo(b)fluoranthene	205-99-2	mg/kg	0.14
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.0086 U
Benzo(k)fluoranthene	207-08-9	mg/kg	0.050
Benzoic acid	65-85-0	mg/kg	—
Benzyl Alcohol	100-51-6	mg/kg	—
Bis(2-chloro-1-methylethyl) ether	108-60-1	mg/kg	—
Bis(2-chloroethoxy)methane	111-91-1	mg/kg	—
Bis(2-chloroethyl)ether	111-44-4	mg/kg	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	—
Butyl benzyl phthalate	85-68-7	mg/kg	—
CARBAZOLE	86-74-8	mg/kg	—
Chrysene	218-01-9	mg/kg	0.097
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.0086 U
Dibenzofuran	132-64-9	mg/kg	—
Diethyl phthalate	84-66-2	mg/kg	—
Dimethyl phthalate	131-11-3	mg/kg	—
Di-n-butyl phthalate	84-74-2	mg/kg	—
Di-n-octyl phthalate	117-84-0	mg/kg	—
Fluoranthene	206-44-0	mg/kg	0.27
Fluorene	86-73-7	mg/kg	0.012
Hexachlorobenzene	118-74-1	mg/kg	—
Hexachlorobutadiene	87-68-3	mg/kg	—
Hexachloroethane	67-72-1	mg/kg	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.049
Isophorone	78-59-1	mg/kg	—
Naphthalene	91-20-3	mg/kg	< 0.0086 U
Nitrobenzene	98-95-3	mg/kg	—
n-Nitrosodimethylamine	62-75-9	mg/kg	—
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	—
n-Nitrosodiphenylamine	86-30-6	mg/kg	—
Pentachlorophenol	87-86-5	mg/kg	—
Phenanthrene	85-01-8	mg/kg	0.16
Phenol	108-95-2	mg/kg	—
Pyrene	129-00-0	mg/kg	0.21
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.12
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	0.75
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	0.51
Total PAHs Calculated	CALC-PAH	mg/kg	1.3

Appendix B2 Table 2
Analytical Data Summary Tables - Phase I Background Soil
Camp Hero Remedial Investigation
Montauk, New York

Notes:

< - Result not detected above the limit of detection.

BaP = benzo(a)pyrene

CAS - Chemical Abstracts Service.

FD - Field duplicate.

ft - feet.

J - The analyte was positively identified; the associated numerical value is an estimated quantity with an unknown bias.

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

HMW - High molecular weight.

LMW - Low molecular weight.

mg/kg - milligram per kilogram.

mv - millivolt.

N - Normal sample.

PAH - Polycyclic Aromatic Hydrocarbon.

SVOC - Semivolatile organic compound.

TEQ - Toxic Equivalency

U - The analyte was not detected above the limit of detection.

UJ - The analyte was not detected above the reported limit of detection. However, the reported limit of detection is approximate and may or may not represent the actual limit of detection necessary to accurately and precisely measure the analyte in the sample.

(a) Chromium VI concentrations in these samples were calculated from total chromium concentrations using ratio presented in Appendix C.

**Appendix B2 Table 3
Grab Groundwater Sample Results (Phase I)
Camp Hero Remedial Investigation
Montauk, New York**

	Location Group	CH-AOC-034	CH-AOC-2010	CH-AOC-203	CH-AOC-203	CH-AOC-203	CH-AOC-203	CH-AOC-203	CH-AOC-203	CH-AOC-AST35	CH-AOC-AST35	CH-AOC-AST35	CH-AOC-AST35	CH-AOC-AST35	CH-AOC-EFO	CH-AOC-F100C	CH-AOC-F100C	CH-AOC-FPH
	Location ID	034-SB01	2010-SB02	203-SB01	203-SB02	203-SB03	203-SB04	203-SB05	AST35-SB01	AST35-SB02	AST35-SB03	AST35-SB03	AST35-SB04	EFO-SB01	F100C-SB01	F100C-SB02	FPH-SB01	
	Sample Date	6/19/2016	6/12/2016	6/20/2016	6/20/2016	6/20/2016	6/20/2016	6/20/2016	6/16/2016	6/14/2016	6/14/2016	6/14/2016	6/14/2016	6/22/2016	6/12/2016	6/12/2016	6/14/2016	
	Sample Type	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	
Chemical																		
Explosives																		
	1,3,5-Trinitrobenzene														< 0.11 U			
	1,3-Dinitrobenzene														< 0.11 U			
	2,4,6-Trinitrotoluene														< 0.11 U			
	2,4-Dinitrotoluene														< 0.11 U			
	2,6-Dinitrotoluene														< 0.11 U			
	2-Amino-4,6-dinitrotoluene														< 0.11 U			
	2-Nitrotoluene														< 0.11 U			
	3-Nitrotoluene														< 0.11 U			
	4-Amino-2,6-Dinitro Toluene														< 0.11 U			
	4-Nitrotoluene														< 0.11 U			
	Hexahydro-1,3,5-trinitro-1,3,5-triazine														< 0.11 U			
	Methyl-2,4,6-trinitrophenylnitramine														< 0.11 U			
	Nitrobenzene														< 0.11 U			
	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine														< 0.11 U			
Metals																		
	Aluminum	430000		19000	49000	4700	590	4100										
	Antimony	1.2 J		0.23 J	1.1 J	0.40 J	0.25 J	0.24 J										
	Arsenic	19		5.3	4.9	1.7	2.1	5.3										
	Barium	740		150	490	85	76	100										
	Beryllium	8.1		0.28 J	2.2	0.42 J	< 0.50 U	0.35 J										
	Cadmium	1.7		< 0.50 U	0.90 J	< 0.50 U	< 0.50 U	< 0.50 U										
	Calcium (Ca)	38000		6600	15000	17000	22000	52000										
	Chromium	340		31	100	8.1 J	1.8 J	6.9 J										
	Cobalt	51		9.4	32	2.9 J	0.66 J	3.4 J										
	Copper	110		19	80	8.1	1.8 J	5.9										
	Iron (Fe)	100000		21000	62000	5200	950	59000										
	Lead	88	23	7.1	17	2.4	0.52 J	2.6							88	33		
	Magnesium (Mg)	14000		7300	26000	14000	22000	39000										
	Manganese (Mn)	2900		770	1100	400	470	6000										
	Nickel	150		19	75	6.4 J	2.2 J	6.9 J										
	Potassium (K)	9400		5200	20000	5500	4700	5600										
	Selenium	11		2.5 J	< 2.5 U	2.2 J	3.4 J	< 2.5 U										
	Silver	0.74 J		< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U										
	Sodium (Na)	15000		12000	27000	38000	52000	25000										
	Thallium	1.3 J		0.42 J	0.89 J	0.70 J	< 0.50 U	< 0.50 U										
	Vanadium	160		35	140	13	2.7 J	10										
	Zinc	310		67	180	20 J	6.2 J	25 J										
PCBs																		
	Aroclor 1016	< 0.037 UJ		< 0.041 U	< 0.040 UJ	< 0.041 UJ												
	Aroclor 1221	< 0.037 UJ		< 0.041 U	< 0.040 UJ	< 0.041 UJ												
	Aroclor 1232	< 0.038 UJ		< 0.042 U	< 0.041 UJ	< 0.042 UJ												
	Aroclor 1242	< 0.037 UJ		< 0.041 U	< 0.040 UJ	< 0.041 UJ												
	Aroclor 1248	< 0.037 UJ		< 0.041 U	< 0.040 UJ	< 0.041 UJ												
	Aroclor 1254	< 0.037 UJ		< 0.041 U	< 0.040 UJ	< 0.041 UJ												
	Aroclor 1260	< 0.037 UJ		< 0.041 U	< 0.040 UJ	< 0.041 UJ												
	Aroclor 1262	< 0.093 UJ		< 0.10 U	< 0.10 UJ	< 0.10 UJ												
	Aroclor 1268	< 0.037 UJ		< 0.041 U	< 0.040 UJ	< 0.041 UJ												

**Appendix B2 Table 3
Grab Groundwater Sample Results (Phase I)
Camp Hero Remedial Investigation
Montauk, New York**

	Location Group	CH-AOC-FPH	CH-AOC-FPH	CH-AOC-FPH	CH-AOC-FPH	CH-AOC-H11	CH-AOC-H11	CH-AOC-H12	CH-AOC-H14	CH-AOC-H14	CH-AOC-H16	CH-AOC-H17	CH-AOC-H17	CH-AOC-H21	CH-AOC-H21	CH-AOC-H21	CH-AOC-H4	CH-AOC-H4
	Location ID	FPH-SB02	FPH-SB03	FPH-SB04	FPH-SB04	H11-SB01	H11-SB02	H12-SB01	H14-SB01	H14-SB03	H16-SB01	H17-SB02	H17-SB03	H21-SB01	H21-SB02	H21-SB03	H4-SB01	H4-SB01
	Sample Date	6/13/2016	6/13/2016	6/13/2016	6/13/2016	6/8/2016	6/7/2016	6/9/2016	6/21/2016	6/21/2016	6/19/2016	6/21/2016	6/21/2016	6/14/2016	6/19/2016	6/19/2016	6/15/2016	6/15/2016
	Sample Type	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	FD	N
Chemical																		
Explosives																		
1,3,5-Trinitrobenzene																		
1,3-Dinitrobenzene																		
2,4,6-Trinitrotoluene																		
2,4-Dinitrotoluene																		
2,6-Dinitrotoluene																		
2-Amino-4,6-dinitrotoluene																		
2-Nitrotoluene																		
3-Nitrotoluene																		
4-Amino-2,6-Dinitro Toluene																		
4-Nitrotoluene																		
Hexahydro-1,3,5-trinitro-1,3,5-triazine																		
Methyl-2,4,6-trinitrophenylnitramine																		
Nitrobenzene																		
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine																		
Metals																		
Aluminum						39000	10000	1100 J+	5000	3200	110000	160000	36000	4700 J+	140000	65000		
Antimony						< 0.75 U	< 0.75 U	< 0.75 U	< 0.75 U	< 0.75 U	0.68 J	0.62 J	2.1 J	< 0.75 U	0.60 J	0.34 J		
Arsenic						120	2.7	8.7	1.5	0.73 J	5.4	12	7.8	< 1.0 U	14	3.8		
Barium						340	64	38	54	57	250	970	440	57	1600	390		
Beryllium						< 10 U	< 10 U	< 0.50 U	0.46 J	< 0.50 U	2.3	5.3	2.1	< 0.50 U	6.5	2.6		
Cadmium						0.45 J	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	1.2	1.5	0.57 J	< 0.50 U	1.4	0.86 J		
Calcium (Ca)						13000 J	45000	48000 J+	7000	9600	16000	17000	9200	5000	13000	18000		
Chromium						180 J	17	2.0 J	11	13	84	350	180	6.3 J	180	95		
Cobalt						20 J	8.2	1.8 J	6.8	2.5 J	12	97	30	6.8	99	27		
Copper						100	7.0	1.5 J	6.3	6.3	52	280	85	4.1 J	150	82		
Iron (Fe)						180000	50000	37000 J+	8200	4800	23000	180000	57000	4700	130000	54000		
Lead						41	7.3	3.8	3.2	1.6	55	68	28	2.1	55	35	23 J	52 J
Magnesium (Mg)						9800 J	7300	6800	5100	6500	8300	46000	8500	4500 J-	31000	14000		
Manganese (Mn)						1300	2100	1400 J+	2000	420	440	2200	3100	830	5700	530		
Nickel						56 J	7.5 J	3.0 J	10	6.2 J	34	230	58	9.8 J	140	62		
Potassium (K)						7400 J	10000	8200 J+	3500	4800	3800	41000	7000	3000	17000	8400		
Selenium						1.9 J	< 2.5 U	< 2.5 U	1.7 J	< 2.5 U	4.4 J	3.3 J	< 2.5 U	< 2.5 U	< 2.5 U	< 2.5 U		
Silver						0.57 J	< 0.50 U	0.30 J	< 0.50 U	< 0.50 U	0.74 J	0.71 J	< 0.50 U	< 0.50 U	0.43 J	0.29 J		
Sodium (Na)						10000	9600 J	11000 J+	22000	31000	29000	21000	16000	21000 J-	25000	20000		
Thallium						0.91 J	< 0.50 U	< 0.50 U	0.17 J	< 0.50 U	0.59 J	3.0	0.82 J	< 0.50 U	1.3 J	0.94 J		
Vanadium						130	25	3.6 J	10	7.5	67	380	77	7.7	160	100		
Zinc						90	22 J	8.8 J	13 J	20 J	210	1200	560	11 J	290	150		
PCBs																		
Aroclor 1016						< 0.039 U	< 0.039 U	< 0.038 U			< 0.037 UJ	< 0.042 UJ	< 0.043 U	< 0.040 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.038 U
Aroclor 1221						< 0.039 U	< 0.039 U	< 0.038 U			< 0.037 UJ	< 0.042 UJ	< 0.043 U	< 0.040 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.038 U
Aroclor 1232						< 0.040 U	< 0.040 U	< 0.039 U			< 0.038 UJ	< 0.043 UJ	< 0.044 U	< 0.041 U	< 0.039 U	< 0.040 U	< 0.039 U	< 0.039 U
Aroclor 1242						< 0.039 U	< 0.039 U	< 0.038 U			< 0.037 UJ	< 0.042 UJ	< 0.043 U	< 0.040 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.038 U
Aroclor 1248						< 0.039 U	< 0.039 U	< 0.038 U			< 0.037 UJ	< 0.042 UJ	< 0.043 U	< 0.040 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.038 U
Aroclor 1254						< 0.039 U	< 0.039 U	< 0.038 U			< 0.037 UJ	< 0.042 UJ	< 0.043 U	< 0.040 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.038 U
Aroclor 1260						< 0.039 U	< 0.039 U	< 0.038 U			< 0.037 UJ	< 0.042 UJ	< 0.043 U	< 0.040 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.038 U
Aroclor 1262						< 0.098 U	< 0.098 U	< 0.094 U			< 0.093 UJ	< 0.11 UJ	< 0.11 U	< 0.10 U	< 0.096 U	< 0.097 U	< 0.094 U	< 0.094 U
Aroclor 1268						< 0.039 U	< 0.039 U	< 0.038 U			< 0.037 UJ	< 0.042 UJ	< 0.043 U	< 0.040 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.038 U

**Appendix B2 Table 3
Grab Groundwater Sample Results (Phase I)
Camp Hero Remedial Investigation
Montauk, New York**

	Location Group	CH-AOC-H4	CH-AOC-H4	CH-AOC-H6	CH-AOC-H6	CH-AOC-H6	CH-AOC-H6	CH-AOC-H6	CH-AOC-MP	CH-AOC-MP	CH-AOC-MP	CH-AOC-MP	CH-AOC-MP	CH-AOC-MP	CH-AOC-P113	CH-AOC-P113	CH-AOC-P113	CH-AOC-STB	CH-AOC-STB	CH-AOC-WDS
	Location ID	H4-SB02	H4-SB03	H6-SB01	H6-SB01	H6-SB02	H6-SB03	MP-MW01	MP-SB01	MP-SB02	MP-SB03	MP-SB03	MP-SB03	P113-SB01	P113-SB02	P113-SB03	STB-SB01	STB-SB03	WDS-SB01	
	Sample Date	6/15/2016	6/15/2016	6/15/2016	6/15/2016	6/15/2016	6/15/2016	6/22/2016	6/14/2016	6/19/2016	6/22/2016	6/22/2016	6/22/2016	6/16/2016	6/16/2016	6/16/2016	6/10/2016	6/10/2016	6/16/2016	
	Sample Type	N	N	FD	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	
Chemical																				
Explosives																				
1,3,5-Trinitrobenzene																				
1,3-Dinitrobenzene																				
2,4,6-Trinitrotoluene																				
2,4-Dinitrotoluene																				
2,6-Dinitrotoluene																				
2-Amino-4,6-dinitrotoluene																				
2-Nitrotoluene																				
3-Nitrotoluene																				
4-Amino-2,6-Dinitro Toluene																				
4-Nitrotoluene																				
Hexahydro-1,3,5-trinitro-1,3,5-triazine																				
Methyl-2,4,6-trinitrophenylnitramine																				
Nitrobenzene																				
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine																				
Metals																				
Aluminum																				
Antimony																				
Arsenic																				
Barium																				
Beryllium																				
Cadmium																				
Calcium (Ca)																				
Chromium																				
Cobalt																				
Copper																				
Iron (Fe)																				
Lead		33	22	19 J	33 J	20	52								34	37	220			
Magnesium (Mg)																				
Manganese (Mn)																				
Nickel																				
Potassium (K)																				
Selenium																				
Silver																				
Sodium (Na)																				
Thallium																				
Vanadium																				
Zinc																				
PCBs																				
Aroclor 1016																				
Aroclor 1221																				
Aroclor 1232																				
Aroclor 1242																				
Aroclor 1248																				
Aroclor 1254																				
Aroclor 1260																				
Aroclor 1262																				
Aroclor 1268																				

**Appendix B2 Table 3
Grab Groundwater Sample Results (Phase I)
Camp Hero Remedial Investigation
Montauk, New York**

Location Group Location ID Sample Date Sample Type	CH-AOC-WDS WDS-SB02 6/16/2016 N	CH-AOC-WDS WDS-SB03 6/16/2016 N	CH-AOC-WDS WDS-SB06 6/17/2016 N	CH-AOC-WDS WDS-SB07 6/19/2016 N	CH-AOC-WDS WDS-SB08 6/17/2016 N	CH-AOC-WDS WDS-SB09 6/17/2016 N	CH-AOC-WDS WDS-SB10 6/15/2016 N	CH-AOC-WDS WDS-SB11 6/17/2016 N	CH-AOC-WDS WDS-SB12 6/17/2016 N	CH-AOC-WDS WDS-SB13 6/17/2016 N	CH-AOC-WDS WDS-SB15 6/17/2016 N	CH-AOC-WDS WDS-SB18 6/20/2016 N	CH-AOC-WDS WDS-SB19 6/20/2016 N	CH-AOC-WDS WDS-SB20 6/12/2016 N	CH-AOC-WDS WDS-SB21 6/12/2016 N
Chemical															
Explosives															
1,3,5-Trinitrobenzene															
1,3-Dinitrobenzene															
2,4,6-Trinitrotoluene															
2,4-Dinitrotoluene															
2,6-Dinitrotoluene															
2-Amino-4,6-dinitrotoluene															
2-Nitrotoluene															
3-Nitrotoluene															
4-Amino-2,6-Dinitro Toluene															
4-Nitrotoluene															
Hexahydro-1,3,5-trinitro-1,3,5-triazine															
Methyl-2,4,6-trinitrophenylnitramine															
Nitrobenzene															
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine															
Metals															
Aluminum	15000	6800 J+	150000	1200000	78000	1100000	52000	100000	30000	4700	32000	1700	26000	59000	1700 J-
Antimony	0.61 J	0.40 J	0.94 J	0.66 J	1.1 J	1.9 J	8.6	1.0 J	0.34 J	< 0.75 U	0.30 J	0.35 J	0.48 J	< 0.75 U	1.3 J
Arsenic	5.4	0.90 J	9.4	23	11	34	5.6	6.2	10	< 1.0 U	3.3	< 1.0 U	6.7	8.2	< 1.0 U
Barium	110	57	630	6000	740	5700	350	250	140	65	250	67	290	390	19 J
Beryllium	0.79 J	0.34 J	5.6	28	4.6	43 J	2.7	2.1	1.4	0.37 J	1.5	< 0.50 U	1.2	< 10 U	< 0.50 U
Cadmium	< 0.50 U	< 0.50 U	2.8	5.7	1.1	8.8	0.36 J	0.48 J	0.32 J	< 0.50 U	< 0.50 U	< 0.50 U	0.40 J	1.2	< 0.50 U
Calcium (Ca)	10000	34000 J-	18000	110000	38000	47000	3500 J	8500	6800	6900	4000	13000	21000	28000	2000
Chromium	23	11	170	1100	180	1700	79	83	50	7.3 J	49	4.2 J	43	67	2.1 J
Cobalt	11	2.2 J	29	160	40	240	31	14	18	2.3 J	9.5	4.2 J	20	23	1.5 J
Copper	32	3.3 J	100	520	120	1100	54	59	26	4.5 J	27	4.6 J	34	46	0.82 J
Iron (Fe)	22000	11000	76000	380000	83000	970000	52000	23000	40000	4600	28000	3200	38000	46000	1900 J-
Lead	12	5.0	69	270	190	480	22	34	21	9.3	15	1.3	25	20	0.97 J
Magnesium (Mg)	7900	7000	15000	120000	13000	270000	12000	9100	7400	6000	9100	6800	19000	16000	1800
Manganese (Mn)	510	280	590	4700	2100	13000	1300	650	1200	96	460	780	1100	2000	240
Nickel	18	6.0 J	84	550	80	550	39 J	34	27	4.6 J	23	11	35	47	1.9 J
Potassium (K)	3200	2100	11000	78000	10000	180000	7200	4700	5300	2200	6200	3500	8900	11000	2400 J-
Selenium	< 2.5 U	< 2.5 U	5.8	24	2.5 J	25	2.4 J	3.3 J	< 2.5 U	1.5 J	< 2.5 U	< 2.5 U	< 2.5 U	< 2.5 U	1.5 J
Silver	< 0.50 U	< 0.50 U	0.34 J	0.88 J	0.38 J	3.2	7.8	0.28 J	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	0.78 J	0.60 J
Sodium (Na)	28000	26000 J+	16000	23000	10000	12000	19000	31000	13000	55000	19000	18000	25000	23000	14000 J-
Thallium	0.24 J	0.26 J	2.7	8.2	0.96 J	16	0.94 J	0.52 J	0.38 J	< 0.50 U	0.48 J	< 0.50 U	0.52 J	0.53 J	< 0.50 U
Vanadium	30	11	160	810	140	2700	85	86	46	9.8	46	3.6 J	58	100	2.7 J
Zinc	67	17 J	240	1300	150	2300	95	130	69	11 J	68	160	100	120	< 2.5 U
PCBs															
Aroclor 1016	< 0.037 UJ	< 0.037 U	< 0.040 U	< 0.043 UJ	< 0.038 U	< 0.045 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.039 U	< 0.040 U	< 0.043 U	< 0.045 U	< 0.038 U
Aroclor 1221	< 0.037 UJ	< 0.037 U	< 0.040 U	< 0.043 UJ	< 0.038 U	< 0.045 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.039 U	< 0.040 U	< 0.043 U	< 0.045 U	< 0.038 U
Aroclor 1232	< 0.038 UJ	< 0.038 U	< 0.041 U	< 0.044 UJ	< 0.039 U	< 0.046 U	< 0.039 U	< 0.039 U	< 0.040 U	< 0.039 U	< 0.040 U	< 0.041 U	< 0.044 U	< 0.046 U	< 0.039 U
Aroclor 1242	< 0.037 UJ	< 0.037 U	< 0.040 U	< 0.043 UJ	< 0.038 U	< 0.045 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.039 U	< 0.040 U	< 0.043 U	< 0.045 U	< 0.038 U
Aroclor 1248	< 0.037 UJ	< 0.037 U	< 0.040 U	< 0.043 UJ	< 0.038 U	< 0.045 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.039 U	< 0.040 U	< 0.043 U	< 0.045 U	< 0.038 U
Aroclor 1254	< 0.037 UJ	< 0.037 U	< 0.040 U	< 0.043 UJ	< 0.038 U	< 0.045 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.039 U	< 0.040 U	< 0.043 U	< 0.045 U	< 0.038 U
Aroclor 1260	< 0.037 UJ	< 0.037 U	< 0.040 U	< 0.043 UJ	< 0.038 U	< 0.045 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.039 U	< 0.040 U	< 0.043 U	< 0.045 U	< 0.038 U
Aroclor 1262	< 0.093 UJ	< 0.093 U	< 0.10 U	< 0.11 UJ	< 0.094 U	< 0.11 U	< 0.095 U	< 0.094 U	< 0.097 U	< 0.094 U	< 0.098 U	< 0.10 U	< 0.11 U	< 0.11 U	< 0.094 U
Aroclor 1268	< 0.037 UJ	< 0.037 U	< 0.040 U	< 0.043 UJ	< 0.038 U	< 0.045 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.039 U	< 0.040 U	< 0.043 U	< 0.045 U	< 0.038 U

**Appendix B2 Table 3
Grab Groundwater Sample Results (Phase I)
Camp Hero Remedial Investigation
Montauk, New York**

Location Group	CH-AOC-WDS	CH-AOC-WDS	CH-AOC-WDS	CH-AOC-WDS	CH-AOC-WDS	CH-AOC-WDS	CH-AOC-WDS	CH-AOC-WDS	CH-AOC-WDS	CH-AOC-WDS
Location ID	WDS-SB22	WDS-SB22	WDS-SB23	WDS-SB23	WDS-SB24	WDS-SB25	WDS-SB26	WDS-SB26	WDS-SB26	WDS-SB27
Sample Date	6/8/2016	6/8/2016	6/9/2016	6/9/2016	6/9/2016	6/8/2016	6/8/2016	6/8/2016	6/8/2016	6/8/2016
Sample Type	FD	N	FD	N	N	N	FD	N	N	N
Chemical										
Explosives										
1,3,5-Trinitrobenzene										
1,3-Dinitrobenzene										
2,4,6-Trinitrotoluene										
2,4-Dinitrotoluene										
2,6-Dinitrotoluene										
2-Amino-4,6-dinitrotoluene										
2-Nitrotoluene										
3-Nitrotoluene										
4-Amino-2,6-Dinitro Toluene										
4-Nitrotoluene										
Hexahydro-1,3,5-trinitro-1,3,5-triazine										
Methyl-2,4,6-trinitrophenylnitramine										
Nitrobenzene										
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine										
Metals										
Aluminum	15000 J	280000 J	100000 J	210000 J	680000	22000	9700	9800	20000	
Antimony	< 0.75 UJ	< 0.75 UJ	< 0.75 UJ	< 0.75 UJ	< 0.75 U	< 0.75 U	< 0.75 U	< 0.75 U	< 0.75 U	< 0.75 U
Arsenic	0.76 J	16 J	140 J	95 J	310	5.2	2.5 J	1.7 J	4.2	
Barium	49 J	1600 J	630 J	1200 J	10000	120	79	75	170	
Beryllium	< 10 UJ	16 J	< 10 UJ	8.2 J	87	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Cadmium	< 0.50 UJ	4.8 J	1.6 J	3.5 J	15	0.46 J	< 0.50 U	< 0.50 U	0.43 J	
Calcium (Ca)	12000 J	52000 J	27000 J	51000 J	180000	36000	8500	8600	29000	
Chromium	11 J	340 J	190 J	480 J	1600	27	14	13	30	
Cobalt	3.6 J	140 J	40 J	77 J	560	16	7.5	7.1	12	
Copper	4.8 J	220 J	230 J	510 J	1300	15	6.3	5.8	16	
Iron (Fe)	4600 J	92000 J	140000 J	320000 J	930000	17000	13000	11000	16000	
Lead	4.4 J	120 J	44 J	69 J	530	13	4.6	4.1	13	
Magnesium (Mg)	4400 J	15000 J	25000 J	43000 J	260000	8300	8700	8700	15000	
Manganese (Mn)	180 J	6800 J	1100 J	2500 J	8900	720	670	700	430	
Nickel	5.0 J	100 J	100 J	190 J	1100	21	8.3 J	7.4 J	16	
Potassium (K)	2500 J	13000 J	13000 J	27000 J	130000	3500	1800	1800	3600	
Selenium	< 2.5 UJ	7.0 J	5.8	5.5	< 50 U	< 2.5 U	< 2.5 U	< 2.5 U	< 2.5 U	< 2.5 U
Silver	< 0.50 UJ	0.62 J	0.76 J	1.1 J	5.0	0.28 J	< 0.50 U	< 0.50 U	0.24 J	
Sodium (Na)	16000	20000	15000	17000	34000	30000	32000	36000	36000	
Thallium	< 0.50 UJ	0.90 J	1.0 J	1.8 J	17 J	0.20 J	< 0.50 U	< 0.50 U	0.86 J	
Vanadium	11 J	280 J	190 J	470 J	2700	40	19	17	41	
Zinc	11 J	270 J	220 J	460 J	5400	60	23 J	22 J	58	
PCBs										
Aroclor 1016	< 0.037 U	< 0.040 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.037 U		
Aroclor 1221	< 0.037 U	< 0.040 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.037 U		
Aroclor 1232	< 0.038 U	< 0.041 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.040 U	< 0.039 U	< 0.038 U		
Aroclor 1242	< 0.037 U	< 0.040 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.037 U		
Aroclor 1248	< 0.037 U	< 0.040 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.037 U		
Aroclor 1254	< 0.037 U	< 0.040 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.037 U		
Aroclor 1260	< 0.037 U	< 0.040 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.037 U		
Aroclor 1262	< 0.093 U	< 0.10 U	< 0.094 U	< 0.094 U	< 0.095 U	< 0.097 U	< 0.095 U	< 0.093 U		
Aroclor 1268	< 0.037 U	< 0.040 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.037 U		

**Appendix B2 Table 3
Grab Groundwater Sample Results (Phase I)
Camp Hero Remedial Investigation
Montauk, New York**

Location Group Location ID Sample Date Sample Type	CH-AOC-WDS WDS-SB22 6/8/2016 FD	CH-AOC-WDS WDS-SB22 6/8/2016 N	CH-AOC-WDS WDS-SB23 6/9/2016 FD	CH-AOC-WDS WDS-SB23 6/9/2016 N	CH-AOC-WDS WDS-SB24 6/9/2016 N	CH-AOC-WDS WDS-SB25 6/8/2016 N	CH-AOC-WDS WDS-SB26 6/8/2016 FD	CH-AOC-WDS WDS-SB26 6/8/2016 N	CH-AOC-WDS WDS-SB27 6/8/2016 N
Chemical									
SVOCs									
1,2,4-Trichlorobenzene	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
1,2-Dichlorobenzene	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
1,3-Dichlorobenzene	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
1,4-Dichlorobenzene	< 2.5 U	< 2.3 U	< 2.4 U	< 2.4 U	< 2.3 UJ	< 2.5 U	< 2.4 U	< 2.3 U	< 6.2 U
1-Methylnaphthalene	< 0.020 UJ	< 0.020 UJ	0.030 J	0.041 J	< 0.019 UJ	< 0.019 U	< 0.019 UJ	< 0.019 UJ	< 0.020 U
2,4,5-Trichlorophenol	< 2.5 U	< 2.3 U	< 2.4 U	< 2.4 U	< 2.3 U	< 2.5 U	< 2.4 U	< 2.3 U	< 6.2 U
2,4,6-Trichlorophenol	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 U	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
2,4-Dichlorophenol	< 2.5 U	< 2.3 U	< 2.4 U	< 2.4 U	< 2.3 U	< 2.5 U	< 2.4 U	< 2.3 U	< 6.2 U
2,4-Dimethylphenol	< 2.5 U	< 2.3 U	< 2.4 U	< 2.4 U	< 2.3 U	< 2.5 U	< 2.4 U	< 2.3 U	< 6.2 U
2,4-Dinitrophenol	< 10 U	< 9.3 U	< 9.4 U	< 9.5 U	< 9.3 U	< 10 U	< 9.4 U	< 9.3 U	< 25 U
2,4-Dinitrotoluene	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
2,6-Dinitrotoluene	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
2-Chloronaphthalene	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
2-Chlorophenol	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
2-Methylnaphthalene	< 0.020 UJ	< 0.020 UJ	0.043	0.057	0.026 J-	< 0.019 U	< 0.019 UJ	< 0.019 UJ	0.020
2-Methylphenol	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 U	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
2-Nitroaniline	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
2-Nitrophenol	< 2.5 U	< 2.3 U	< 2.4 U	< 2.4 U	< 2.3 U	< 2.5 U	< 2.4 U	< 2.3 U	< 6.2 U
3,3-Dichlorobenzidine	< 2.5 U	< 2.3 U	< 2.4 U	< 2.4 U	< 2.3 UJ	< 2.5 U	< 2.4 U	< 2.3 U	< 6.2 U
3,4-Methylphenol	< 5.0 U	< 4.7 U	< 4.7 U	< 4.8 U	< 4.7 U	< 5.0 U	< 4.7 U	< 4.7 U	< 12 U
3-Nitroaniline	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
4,6-Dinitro-2-methylphenol	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 U	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
4-Bromophenyl-phenylether	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
4-Chloro-3-methylphenol	< 2.5 U	< 2.3 U	< 2.4 U	< 2.4 U	< 2.3 U	< 2.5 U	< 2.4 U	< 2.3 U	< 6.2 U
4-Chloroaniline	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 U	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
4-Chlorophenyl-phenylether	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
4-Nitroaniline	< 2.5 U	< 2.3 U	< 2.4 U	< 2.4 U	< 2.3 UJ	< 2.5 U	< 2.4 U	< 2.3 U	< 6.2 U
4-Nitrophenol	< 2.5 UJ	< 2.3 UJ	< 2.4 UJ	< 2.4 UJ	< 2.3 UJ	< 2.5 UJ	< 2.4 UJ	< 2.3 UJ	< 6.2 U
Acenaphthene	< 0.020 UJ	< 0.020 UJ	< 0.019 U	< 0.019 U	0.056 J-	< 0.019 U	< 0.019 UJ	< 0.019 UJ	< 0.020 U
Acenaphthylene	< 0.020 UJ	< 0.020 UJ	< 0.019 U	< 0.019 U	< 0.019 UJ	< 0.019 U	< 0.019 UJ	< 0.019 UJ	< 0.020 U
Anthracene	< 0.020 UJ	< 0.020 UJ	< 0.019 U	< 0.019 U	< 0.019 UJ	< 0.019 U	< 0.019 UJ	< 0.019 UJ	< 0.020 U
Benzo(a)anthracene	< 0.020 UJ	< 0.020 UJ	< 0.019 U	< 0.019 U	< 0.019 UJ	< 0.019 U	< 0.019 UJ	< 0.019 UJ	< 0.020 U
Benzo(a)pyrene	< 0.020 UJ	< 0.020 UJ	< 0.019 U	< 0.019 U	< 0.019 UJ	< 0.019 U	< 0.019 UJ	< 0.019 UJ	< 0.020 U
Benzo(b)fluoranthene	< 0.020 UJ	< 0.020 UJ	< 0.019 U	< 0.019 U	< 0.019 UJ	< 0.019 U	0.025 J	< 0.019 UJ	< 0.020 U
Benzo(g,h,i)perylene	< 0.020 UJ	< 0.020 UJ	< 0.019 U	< 0.019 U	< 0.019 UJ	< 0.019 U	< 0.019 UJ	< 0.019 UJ	< 0.020 U
Benzo(k)fluoranthene	< 0.020 UJ	< 0.020 UJ	< 0.019 U	< 0.019 U	< 0.019 UJ	< 0.019 U	< 0.019 UJ	< 0.019 UJ	< 0.020 U
Benzoic acid	< 2.5 U	< 2.3 U	< 2.4 U	< 2.4 U	< 2.3 U	< 2.5 U	< 2.4 U	< 2.3 U	< 6.2 U
Benzyl Alcohol	< 2.5 U	< 2.3 U	< 2.4 U	< 2.4 U	< 2.3 UJ	< 2.5 U	< 2.4 U	< 2.3 U	< 6.2 U
Bis(2-chloro-1-methylethyl) ether	< 2.5 U	< 2.3 U	< 2.4 U	< 2.4 U	< 2.3 UJ	< 2.5 U	< 2.4 U	< 2.3 U	< 6.2 U
Bis(2-chloroethoxy)methane	< 2.5 U	< 2.3 U	< 2.4 U	< 2.4 U	< 2.3 UJ	< 2.5 U	< 2.4 U	< 2.3 U	< 6.2 U
Bis(2-chloroethyl)ether	< 2.5 U	< 2.3 U	< 2.4 U	< 2.4 U	< 2.3 UJ	< 2.5 U	< 2.4 U	< 2.3 U	< 6.2 U
Bis(2-ethylhexyl)phthalate	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
Butyl benzyl phthalate	< 2.5 U	< 2.3 U	< 2.4 U	< 2.4 U	< 2.3 UJ	< 2.5 U	< 2.4 U	< 2.3 U	< 6.2 U
CARBAZOLE	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
Chrysene	< 0.020 UJ	< 0.020 UJ	< 0.019 U	< 0.019 U	< 0.019 UJ	< 0.019 U	0.020 J	< 0.019 UJ	< 0.020 U
Dibenz(a,h)anthracene	< 0.020 UJ	< 0.020 UJ	< 0.019 U	< 0.019 U	< 0.019 UJ	< 0.019 U	< 0.019 UJ	< 0.019 UJ	< 0.020 U
Dibenzofuran	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
Diethyl phthalate	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
Dimethyl phthalate	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
Di-n-butyl phthalate	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
Di-n-octyl phthalate	< 2.5 U	< 2.3 U	< 2.4 U	< 2.4 U	< 2.3 UJ	< 2.5 U	< 2.4 U	< 2.3 U	< 6.2 U
Fluoranthene	< 0.020 UJ	< 0.020 UJ	< 0.019 U	< 0.019 U	< 0.019 UJ	< 0.019 U	0.043 J	< 0.019 UJ	< 0.020 U
Fluorene	< 0.020 UJ	< 0.020 UJ	< 0.019 U	< 0.019 U	< 0.019 UJ	< 0.019 U	< 0.019 UJ	< 0.019 UJ	< 0.020 U

**Appendix B2 Table 3
Grab Groundwater Sample Results (Phase I)
Camp Hero Remedial Investigation
Montauk, New York**

Location Group Location ID Sample Date Sample Type	CH-AOC-WDS WDS-SB22 6/8/2016 FD	CH-AOC-WDS WDS-SB22 6/8/2016 N	CH-AOC-WDS WDS-SB23 6/9/2016 FD	CH-AOC-WDS WDS-SB23 6/9/2016 N	CH-AOC-WDS WDS-SB24 6/9/2016 N	CH-AOC-WDS WDS-SB25 6/8/2016 N	CH-AOC-WDS WDS-SB26 6/8/2016 FD	CH-AOC-WDS WDS-SB26 6/8/2016 N	CH-AOC-WDS WDS-SB27 6/8/2016 N
Chemical									
SVOCs Continued									
Hexachlorobenzene	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
Hexachlorobutadiene	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
Hexachloroethane	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
Indeno(1,2,3-cd)pyrene	< 0.020 UJ	< 0.020 UJ	< 0.019 U	< 0.019 U	< 0.019 UJ	< 0.019 U	< 0.019 UJ	< 0.019 UJ	< 0.020 U
Isophorone	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
Nitrobenzene	< 2.5 U	< 2.3 U	< 2.4 U	< 2.4 U	< 2.3 UJ	< 2.5 U	< 2.4 U	< 2.3 U	< 6.2 U
Naphthalene	< 0.020 UJ	< 0.020 UJ	0.078 J	0.11 J	0.069 J-	< 0.019 U	0.021 J	< 0.019 UJ	0.040
n-Nitrosodimethylamine	< 1.0 UJ	< 0.93 UJ	< 0.94 UJ	< 0.95 UJ	< 0.93 UJ	< 1.0 UJ	< 0.94 UJ	< 0.93 UJ	< 2.5 UJ
n-Nitroso-di-n-propylamine	< 2.5 U	< 2.3 U	< 2.4 U	< 2.4 U	< 2.3 UJ	< 2.5 U	< 2.4 U	< 2.3 U	< 6.2 U
n-Nitrosodiphenylamine	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 UJ	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
Pentachlorophenol	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 U	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
Phenanthrene	< 0.020 UJ	< 0.020 UJ	0.024	0.028	0.025 J-	< 0.019 U	0.021 J	< 0.019 UJ	< 0.020 U
Phenol	< 1.0 U	< 0.93 U	< 0.94 U	< 0.95 U	< 0.93 U	< 1.0 U	< 0.94 U	< 0.93 U	< 2.5 U
Pyrene	< 0.020 UJ	< 0.020 UJ	< 0.019 U	< 0.019 U	< 0.019 UJ	< 0.019 U	0.032 J	< 0.019 UJ	< 0.020 U
VOCs									
1,1,1,2-Tetrachloroethane	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
1,1,1-Trichloroethane	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
1,1,2,2-Tetrachloroethane	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
1,1,2-Trichloroethane	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
1,1-Dichloroethane	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1,1-Dichloroethene	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
1,2,3-Trichloropropane	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
1,2-Dibromo-3-chloropropane	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
1,2-Dibromoethane	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
1,2-Dichloroethane	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
1,2-Dichloropropane	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
2-Butanone	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	3.3 J	< 5.0 U	< 5.0 U	< 5.0 U	5.6 J
2-Hexanone	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Acetone	< 0.60 UJ	< 0.60 UJ	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 UJ	< 0.60 UJ	< 0.60 U
Benzene	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Bromodichloromethane	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Bromoform	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Carbon disulfide	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Carbon tetrachloride	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Chlorobenzene	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Chloroethane	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Chloroform	1.8	1.4	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Chloromethane	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
cis-1,2-Dichloroethene	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
cis-1,3-Dichloropropene	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Dibromochloromethane	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Dichlorodifluoromethane	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Ethylbenzene	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Methylene chloride	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	2.2 J	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Styrene	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Tetrachloroethene	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Toluene	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
trans-1,2-Dichloroethene	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
trans-1,3-Dichloropropene	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Trichloroethene	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Trichlorofluoromethane	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Vinyl Acetate	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Vinyl chloride	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.60 U
Xylenes (total)	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U

Appendix B2 Table 3
Grab Groundwater Sample Results (Phase I)
Camp Hero Remedial Investigation
Montauk, New York

Notes:

All units are in micrograms per liter (ug/l)

< - Result not detected above the limit of detection.. FD -

Field duplicate.

J - The analyte was positively identified; the associated numerical value is an estimated quantity with an unknown bias.

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

N - Normal sample.

PCB - Polychlorinated Biphenyl.

SVOC - Semivolatile Organic Compound.

U - The analyte was not detected above the limit of detection.

UJ - The analyte was not detected above the reported limit of detection. However, the reported limit of detection is approximate and may or may not represent the actual limit of detection necessary to accurately and precisely measure the analyte in the sample.

VOC - Volatile Organic Compound.

**Appendix B2 Table 4
Concrete Chip Analytical Results (Phase I)
Camp Hero Remedial Investigation
Montauk, New York**

Location Group	CH-AOC-107	CH-AOC-B113
Location ID	107-CC01	B113-CC01
Sample ID	107-CC01-01	B113-CC01-01
Sample Date	6/19/2016	6/21/2016
Depth Interval	0 - 0.5 cm	0 - 0.5 cm
Sample Type	N	N
Chemical		
PCBs		
Aroclor 1016	< 0.0065 UJ	< 6.7 U
Aroclor 1221	< 0.0065 UJ	< 6.7 U
Aroclor 1232	< 0.0065 UJ	< 6.7 U
Aroclor 1242	< 0.0065 UJ	< 6.7 U
Aroclor 1248	< 0.0065 UJ	< 6.7 U
Aroclor 1254	0.0092 J	210
Aroclor 1260	< 0.0065 UJ	< 6.7 U
Aroclor 1262	< 0.0065 UJ	< 6.7 U
Aroclor 1268	< 0.0065 UJ	< 6.7 U

Notes:

All units are in milligrams per kilogram (mg/kg) unless otherwise noted.

< - Result not detected above laboratory reporting limit.

cm - Centimeter.

J - The analyte was positively identified; the associated numerical value is an estimated quantity with an unknown bias.

N - Normal sample.

PCB - Polychlorinated Biphenyl.

U - The analyte was not detected above the limit of detection.

UJ - The analyte was not detected above the reported limit of detection. However, the reported limit of detection is approximate and may or may not represent the actual limit of detection necessary to accurately and precisely measure the analyte in the sample.

**Appendix B2 Table 5
Wipe Analytical Results (Phase I)
Camp Hero Remedial Investigation
Montauk, New York**

Location Group Location ID Sample ID Sample Date Sample Type	CH-AOC-107 107-WP01 107-WP01-01 6/19/2016 N	CH-AOC-B113 B113-WP01 B113-WP01-01 6/21/2016 N
Chemical		
PCBs		
Aroclor 1016	< 0.00025 UJ	< 0.0075 UJ
Aroclor 1221	< 0.00025 UJ	< 0.0075 U
Aroclor 1232	< 0.00025 UJ	< 0.0075 U
Aroclor 1242	< 0.00025 UJ	< 0.0075 U
Aroclor 1248	< 0.00025 UJ	< 0.0075 U
Aroclor 1254	< 0.00025 UJ	4.4 J+
Aroclor 1260	< 0.00025 UJ	< 0.0075 U

Notes:

All units are in milligrams per kilogram (mg/kg) unless otherwise noted.

< - Result not detected above the limit of detection.

J+ - The result is an estimated quantity, but the result may be biased high.

N - Normal sample.

PCB - Polychlorinated Biphenyl.

U - The analyte was not detected above the limit of detection.

UJ - The analyte was not detected above the reported limit of detection. However, the reported limit of detection is approximate and may or may not represent the actual limit of detection necessary to accurately and precisely measure the analyte in the sample.

Appendix B2 Table 6
Analytical Data Summary Tables - Phase II Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID	203-SB06	203-SB07	203-SB08	203-SB09	203-SB10	203-SB11	203-SB12	203-SB13	203-SB14	
Sample ID	203-SB06-01	203-SB07-01	203-SB08-01	203-SB09-01	203-SB10-01	203-SB11-01	203-SB12-01	203-SB13-01	203-SB14-01	
Sample Date	12/15/2016	12/14/2016	12/14/2016	12/13/2016	12/13/2016	12/15/2016	12/15/2016	12/14/2016	12/13/2016	
Sample Type Code	N	N	N	N	N	N	N	N	N	
Parent Sample ID										
Task Code	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	
Depth Interval	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	
Chemical	CAS	Units								
General Chemistry										
Oxidation Reduction Potential	ORP	mV	521	504	530	517	511	541	478	550
pH	PH	std units	7.39	7.52	7.26	6.93	6.74	6.89	7.46	6.51
Metals										
Aluminum	7429-90-5	mg/kg	14100	15400	12100	11500	12200	17500	14100	15400 J+
Antimony	7440-36-0	mg/kg	< 0.227 U	< 0.220 U	< 0.168 U	< 0.174 U	< 0.170 U	< 0.199 U	< 0.210 U	< 0.183 UJ
Arsenic	7440-38-2	mg/kg	3.36	3.46	3.25	2.92	2.94	3.75	3.52	3.44
Barium	7440-39-3	mg/kg	67.7	68.5	52.4	57.2	51.7	55.9	60.8	73.6 J+
Beryllium	7440-41-7	mg/kg	0.578	0.581	0.471	0.443	0.486	0.633	0.570	0.646
Cadmium	7440-43-9	mg/kg	0.118 J	0.0629 J	0.0490 J	0.201	< 0.0849 U	0.0468 J	0.0737 J	0.0959 J
Calcium (Ca)	7440-70-2	mg/kg	939	902	620	743	734	681	815	869 J+
Chromium	7440-47-3	mg/kg	21.5	23.5	18.8	17.4	18.3	23.9	21.5	23.3
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	20.6	22.5	18.2	16.6	17.5	22.5	21.5	22.5
Chromium(VI)	18540-29-9	mg/kg	0.96	1.0	0.60	0.72	0.72	1.4 J	< 0.46 U	0.79
Cobalt	7440-48-4	mg/kg	6.11	6.78	6.42	5.49	5.74	7.85	5.54	7.12
Copper	7440-50-8	mg/kg	15.1	13.8	12.1	25.9	9.90	11.9	13.7	15.8 J
Iron (Fe)	7439-89-6	mg/kg	16800	17700	14800	14500	14600	19400	17900	17700 J
Lead	7439-92-1	mg/kg	8.19	8.99	9.15	16.2	4.78	6.92	9.39	13.4 J
Magnesium (Mg)	7439-95-4	mg/kg	4010	3980	3050	3180	3340	3910	3660	4060 J+
Manganese (Mn)	7439-96-5	mg/kg	224	194	288	214	176	203	217	282 J-
Mercury	7439-97-6	mg/kg	< 0.0180 U	0.0112 J	< 0.0183 U	< 0.0178 U	< 0.0174 U	0.0177 J	< 0.0179 U	< 0.0184 U
Nickel	7440-02-0	mg/kg	13.8	14.8	11.0	11.0	10.9	15.0	12.5	14.6
Potassium (K)	7440-09-7	mg/kg	2700	2580	2000	2080	2130	2530	2360	2640
Selenium	7782-49-2	mg/kg	0.184 J	0.256 J	0.196 J	0.169 J	0.183 J	0.341 J	0.186 J	0.205 J
Silver	7440-22-4	mg/kg	< 0.0566 U	< 0.0550 U	< 0.0420 U	< 0.0435 U	< 0.0425 U	< 0.0498 U	< 0.0525 U	< 0.0458 U
Sodium (Na)	7440-23-5	mg/kg	123	120	86.8	91.9	110	102	95.3	105
Thallium	7440-28-0	mg/kg	0.239	0.234	0.180	0.175	0.163 J	0.224	0.202 J	0.237
Vanadium	7440-62-2	mg/kg	32.2	34.4	28.1	27.4	28.6	35.7	31.2	33.9
Zinc	7440-66-6	mg/kg	54.7	53.3	29.8	222	22.7	33.8	71.9	80.0 J
SVOCs										
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.039 U	< 0.039 U	< 0.039 U	< 0.036 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.039 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.039 U	< 0.039 U	< 0.039 U	< 0.036 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.039 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.039 U	< 0.039 U	< 0.039 U	< 0.036 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.039 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.039 U	< 0.039 U	< 0.039 U	< 0.036 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.039 U
1-Methylnaphthalene	90-12-0	mg/kg	0.0024	0.0021	0.0057	0.095	0.0037	0.0010 J	0.042	0.018
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.039 U	< 0.039 U	< 0.039 U	< 0.036 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.039 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.039 U	< 0.039 U	< 0.039 U	< 0.036 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.039 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.039 U	< 0.039 U	< 0.039 U	< 0.036 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.039 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.039 U	< 0.039 U	< 0.039 U	< 0.036 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.039 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U	< 1.2 U	< 1.1 U	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.19 U	< 0.19 U	< 0.20 U	< 0.18 U	< 0.18 U	< 0.20 U	< 0.19 U	< 0.20 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.039 U	< 0.039 U	< 0.039 U	< 0.036 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.039 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.016 U	< 0.015 U	< 0.016 U	< 0.015 U	< 0.015 U	< 0.016 U	< 0.015 U	< 0.016 U
2-Chlorophenol	95-57-8	mg/kg	< 0.039 U	< 0.039 U	< 0.039 U	< 0.036 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.039 U
2-Methylnaphthalene	91-57-6	mg/kg	0.0036	0.0052	0.0080	0.13	0.0040	0.0016 J	0.071	0.026
2-Methylphenol	95-48-7	mg/kg	< 0.039 U	< 0.039 U	< 0.039 U	< 0.036 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.039 U
2-Nitroaniline	88-74-4	mg/kg	< 0.039 U	< 0.039 U	< 0.039 U	< 0.036 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.039 U
2-Nitrophenol	88-75-5	mg/kg	< 0.039 U	< 0.039 U	< 0.039 U	< 0.036 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.039 U
3,3-Dichlorobenzidine	91-94-1	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U	< 0.36 U	< 0.37 U	< 0.41 U	< 0.38 U	< 0.39 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.039 U	< 0.039 U	< 0.039 U	< 0.036 U	0.035 J	< 0.041 U	< 0.038 U	< 0.039 U
3-Nitroaniline	99-09-2	mg/kg	< 0.16 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.16 U
4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	< 0.58 U	< 0.58 U	< 0.59 U	< 0.55 U	< 0.55 U	< 0.61 U	< 0.58 U	< 0.59 U
4-Bromophenyl-phenylether	101-55-3	mg/kg	< 0.039 U	< 0.039 U	< 0.039 U	< 0.036 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.039 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.039 U	< 0.039 U	< 0.039 U	< 0.036 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.039 U
4-Chloroaniline	106-47-8	mg/kg	< 0.078 U	< 0.077 U	< 0.079 U	< 0.073 U	< 0.074 U	< 0.082 U	< 0.077 U	< 0.078 U

Appendix B2 Table 6
Analytical Data Summary Tables - Phase II Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID	203-SB06	203-SB07	203-SB08	203-SB09	203-SB10	203-SB11	203-SB12	203-SB13	203-SB14
Sample ID	203-SB06-01	203-SB07-01	203-SB08-01	203-SB09-01	203-SB10-01	203-SB11-01	203-SB12-01	203-SB13-01	203-SB14-01
Sample Date	12/15/2016	12/14/2016	12/14/2016	12/13/2016	12/13/2016	12/15/2016	12/15/2016	12/14/2016	12/13/2016
Sample Type Code	N	N	N	N	N	N	N	N	N
Parent Sample ID									
Task Code	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII
Depth Interval	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
Chemical	CAS	Units							
VOCs									
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
1,1,2-trichloro-1,2,2-trifluoroethane (Freon 11)	76-13-1	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.004 U	< 0.004 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
1,2,3-Trichloropropane	96-18-4	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.004 U	< 0.004 U
1,2-Dibromoethane	106-93-4	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
1,4-Dioxane	123-91-1	mg/kg	< 0.16 U	< 0.16 U	< 0.17 U	< 0.15 U	< 0.16 U	< 0.18 U	< 0.19 U
2-Butanone	78-93-3	mg/kg	0.004 J	< 0.007 U	< 0.007 U	< 0.006 U	< 0.006 U	< 0.008 U	0.004 J
2-Hexanone	591-78-6	mg/kg	< 0.007 U	< 0.007 U	< 0.007 U	< 0.006 U	< 0.006 U	< 0.008 U	< 0.007 U
4-Methyl-2-pentanone	108-10-1	mg/kg	< 0.007 UJ	< 0.007 UJ	< 0.007 UJ	< 0.006 U	< 0.006 U	< 0.008 UJ	< 0.007 UJ
Acetone	67-64-1	mg/kg	0.081	0.022	0.063	0.029	0.15	0.070	0.080
Benzene	71-43-2	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Bromochloromethane	74-97-5	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Bromodichloromethane	75-27-4	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Bromoform	75-25-2	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Bromomethane	74-83-9	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.004 U	< 0.003 U
Carbon disulfide	75-15-0	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Chlorobenzene	108-90-7	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Chloroethane	75-00-3	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.004 U	< 0.003 U
Chloroform	67-66-3	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Chloromethane	74-87-3	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.004 U	< 0.003 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
cyclohexane	110-82-7	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Dibromochloromethane	124-48-1	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.004 U	< 0.003 U
Ethylbenzene	100-41-4	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Isopropylbenzene	98-82-8	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
m,p-Xylene	108383/106423	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	0.001 J	< 0.002 U
Methyl tert-butyl ether	1634-04-4	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Methylacetate	79-20-9	mg/kg	< 0.003 U	< 0.003 U	0.003 J	< 0.003 U	< 0.004 U	< 0.004 U	0.002 J
methylcyclohexane	108-87-2	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Methylene chloride	75-09-2	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.004 U	< 0.003 U
o-Xylene	95-47-6	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Styrene	100-42-5	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Tetrachloroethene	127-18-4	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Toluene	108-88-3	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Trichloroethene	79-01-6	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Trichlorofluoromethane	75-69-4	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.004 U	< 0.003 U
Vinyl Acetate	108-05-4	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.004 U	< 0.003 U
Vinyl chloride	75-01-4	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Xylenes (total)	1330-20-7	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	0.001 J	< 0.002 U

Appendix B2 Table 6
Analytical Data Summary Tables - Phase II Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval	203-SB15 203-SB15-01 12/13/2016 N	203-SB16 203-SB16-01 12/14/2016 N	203-SB16 203-SB16-01FD 12/14/2016 FD 203-SB16-01	203-SB17 203-SB17-01 12/15/2016 N	203-SB18 203-SB18-01 12/13/2016 N	203-SB19 203-SB19-01 12/8/2016 N	203-SB20 203-SB20-01 12/13/2016 N	203-SB21 203-SB21-01 12/12/2016 N	203-SB22 203-SB22-01 12/12/2016 N	
	2016 Dec PhaseII 0 - 1 ft	2016 Dec PhaseII 0 - 1 ft	2016 Dec PhaseII 0 - 1 ft	2016 Dec PhaseII 0 - 1 ft	2016 Dec PhaseII 0 - 1 ft	2016 Dec PhaseII 0 - 1 ft	2016 Dec PhaseII 0 - 1 ft	2016 Dec PhaseII 0 - 1 ft	2016 Dec PhaseII 0 - 1 ft	
Chemical	CAS	Units								
General Chemistry										
Oxidation Reduction Potential	ORP	mV	474	538	533	495	534	455	526	550
pH	PH	std units	7.96	7.12	7.49	7.31	6.70	8.04	6.35	6.68
Metals										
Aluminum	7429-90-5	mg/kg	15200	14400	13500	13300 J+	14700	3820	13600 J+	12900
Antimony	7440-36-0	mg/kg	< 0.213 U	< 0.206 U	< 0.168 U	< 0.195 U	< 0.229 U	< 0.196 U	< 0.178 UJ	< 0.206 U
Arsenic	7440-38-2	mg/kg	4.07	3.66	3.59	3.20 J+	3.80	1.29	3.78 J-	3.52
Barium	7440-39-3	mg/kg	71.5	65.4	66.2	55.0 J+	78.5	13.4	59.5 J+	61.1
Beryllium	7440-41-7	mg/kg	0.602	0.589	0.606	0.551	0.588	0.146 J	0.532	0.516
Cadmium	7440-43-9	mg/kg	0.0608 J	0.0409 J	0.0401 J	0.121 J	0.0688 J	< 0.0981 U	0.0854 J	0.0536 J
Calcium (Ca)	7440-70-2	mg/kg	1670	815	731	848 J	1010	374	928 J+	992
Chromium	7440-47-3	mg/kg	23.6	21.0	22.7	21.3	22.8	6.95	21.3 J+	20.2
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	22.8	20.3	21.9	20.2	21.6	6.6	20.0	19.2
Chromium(VI)	18540-29-9	mg/kg	0.82	0.63 J	0.86 J	1.1	1.2	0.31 J	1.3 J	1.0
Cobalt	7440-48-4	mg/kg	7.45	6.92	6.92	6.07	7.26	2.18	6.73	6.05
Copper	7440-50-8	mg/kg	13.7	11.8	12.3	26.7 J	13.8	3.76	11.3 J+	14.4
Iron (Fe)	7439-89-6	mg/kg	18400	17000	16200	16500 J+	18600	6440	15700 J	16500
Lead	7439-92-1	mg/kg	7.17	7.03	7.77	9.02 J	19.3	2.32	9.21 J	12.6
Magnesium (Mg)	7439-95-4	mg/kg	4170	3680	3790	3440 J+	4260	1010	3410 J+	3600
Manganese (Mn)	7439-96-5	mg/kg	263	291	315 J+	213 J+	276	88.6	197 J+	220
Mercury	7439-97-6	mg/kg	< 0.0184 U	< 0.0186 U	< 0.0173 U	0.0127 J	< 0.0186 U	< 0.0169 U	0.0119 J	< 0.0191 U
Nickel	7440-02-0	mg/kg	14.4	13.7	14.1	12.0 J+	14.2	4.21	12.3	11.5
Potassium (K)	7440-09-7	mg/kg	2620	2460	2640	2160	2860	282	2050 J+	2290
Selenium	7782-49-2	mg/kg	0.225 J	0.168 J	0.170 J	0.283 J	0.180 J	< 0.196 U	0.256 J	0.186 J
Silver	7440-22-4	mg/kg	< 0.0533 U	< 0.0516 U	< 0.0420 U	< 0.0487 U	< 0.0572 U	< 0.0491 U	< 0.0446 U	< 0.0515 U
Sodium (Na)	7440-23-5	mg/kg	144	136	128	98.9	146	< 78.5 U	118	126
Thallium	7440-28-0	mg/kg	0.191 J	0.205 J	0.210	0.187 J	0.215 J	< 0.0491 U	0.159 J	0.199 J
Vanadium	7440-62-2	mg/kg	36.4	32.3	34.4	31.1 J+	35.7	10.6	30.7 J+	31.5
Zinc	7440-66-6	mg/kg	34.0	31.4	34.8	42.0 J	45.0	8.84	33.9 J+	41.6
SVOCs										
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
1-Methylnaphthalene	90-12-0	mg/kg	0.0019	0.0015 J	0.0016 J	0.043	0.0076	0.13	0.0096	0.0046
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.2 U	< 1.1 U	< 1.1 U	< 1.2 U
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U	< 0.20 U	< 0.18 U	< 0.19 U	< 0.20 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.015 U	< 0.015 U	< 0.015 U	< 0.015 U	< 0.016 U	< 0.015 U	< 0.015 U	< 0.016 U
2-Chlorophenol	95-57-8	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
2-Methylnaphthalene	91-57-6	mg/kg	0.0031	0.0023	0.0023	0.069	0.011	0.21	0.014	0.0066
2-Methylphenol	95-48-7	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
2-Nitroaniline	88-74-4	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
2-Nitrophenol	88-75-5	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
3,3-Dichlorobenzidine	91-94-1	mg/kg	< 0.38 U	< 0.37 U	< 0.37 U	< 0.37 U	< 0.39 U	< 0.36 U	< 0.38 UJ	< 0.39 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
3-Nitroaniline	99-09-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U
4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	< 0.57 U	< 0.56 U	< 0.55 U	< 0.55 U	< 0.59 U	< 0.55 U	< 0.57 U	< 0.59 U
4-Bromophenyl-phenylether	101-55-3	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
4-Chloroaniline	106-47-8	mg/kg	< 0.076 U	< 0.074 U	< 0.074 U	< 0.073 U	< 0.079 U	< 0.073 U	< 0.076 UJ	< 0.079 U

Notes provided on the last page of table.

Appendix B2 Table 6
Analytical Data Summary Tables - Phase II Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval	203-SB15 203-SB15-01 12/13/2016 N	203-SB16 203-SB16-01 12/14/2016 N	203-SB16 203-SB16-01FD 12/14/2016 FD 203-SB16-01 2016 Dec PhaseII 0 - 1 ft	203-SB17 203-SB17-01 12/15/2016 N	203-SB18 203-SB18-01 12/13/2016 N	203-SB19 203-SB19-01 12/8/2016 N	203-SB20 203-SB20-01 12/13/2016 N	203-SB21 203-SB21-01 12/12/2016 N	203-SB22 203-SB22-01 12/12/2016 N	
Chemical	CAS	Units								
SVOCs										
4-Chlorophenyl-phenylether	7005-72-3	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
4-Nitroaniline	100-01-6	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U
4-Nitrophenol	100-02-7	mg/kg	< 0.57 U	< 0.56 U	< 0.55 U	< 0.55 U	< 0.59 U	< 0.55 U	< 0.57 U	< 0.59 U
Acenaphthene	83-32-9	mg/kg	< 0.0015 U	< 0.0015 U	< 0.0015 U	0.46	< 0.0016 U	0.011	0.00080 J	< 0.0016 U
Acenaphthylene	208-96-8	mg/kg	< 0.0015 U	0.00039 J	< 0.0015 UJ	0.007 J	0.00043 J	0.0049	0.00055 J	0.00098 J
Acetophenone	98-86-2	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
Anthracene	120-12-7	mg/kg	0.0059	< 0.0015 U	< 0.0015 U	1.1	0.00055 J	0.0043	0.0012 J	0.0014 J
Atrazine	1912-24-9	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U
Benzaldehyde	100-52-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U
Benzo(a)anthracene	56-55-3	mg/kg	0.039	0.0015 J	0.0012 J	4.3	0.0031	0.0049	0.0098 J	0.0088
Benzo(a)pyrene	50-32-8	mg/kg	0.033	0.0022	0.0017 J	3.1	0.0039	0.0067	0.011 J	0.012
Benzo(b)fluoranthene	205-99-2	mg/kg	0.059	0.0028	0.0022	4.2	0.0085	0.0096	0.019 J	0.031
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.0054	0.0020 J	0.0014 J	1.4	0.00088 J	0.0033	0.0025 J	0.0023
Benzo(k)fluoranthene	207-08-9	mg/kg	0.026	0.0011 J	0.00088 J	1.8	0.0036	0.0037	0.0085 J	0.011
Benzoic acid	65-85-0	mg/kg	< 0.57 U	< 0.56 U	< 0.55 U	< 0.55 U	< 0.59 U	< 0.55 U	< 0.57 U	< 0.59 U
Benzyl Alcohol	100-51-6	mg/kg	< 0.57 U	< 0.56 U	< 0.55 U	< 0.55 U	< 0.59 U	< 0.55 U	< 0.57 U	< 0.59 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
Bis(2-chloro-1-methylethyl) ether	108-60-1	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
Bis(2-chloroethoxy)methane	111-91-1	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
Bis(2-chloroethyl)ether	111-44-4	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	0.11 J	< 0.16 U	< 0.15 U	< 0.15 U	0.21
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U
Caprolactam	105-60-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U
CARBAZOLE	86-74-8	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	0.51	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
Chrysene	218-01-9	mg/kg	0.037	0.0019	0.0016 J	3.9	0.0043	0.0072	0.011 J	0.012
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.0025	< 0.0015 U	< 0.0015 U	0.54	< 0.0016 U	0.0010 J	0.00092 J	0.00099 J
Dibenzofuran	132-64-9	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	0.16	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
Diethyl phthalate	84-66-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U
Fluoranthene	206-44-0	mg/kg	0.078	0.0029	0.0022	7.2	0.0055	0.013	0.018 J	0.014
Fluorene	86-73-7	mg/kg	< 0.0015 U	< 0.0015 U	< 0.0015 U	0.34	0.0013 J	0.019	0.0021 J	0.0019 J
Hexachlorobenzene	118-74-1	mg/kg	< 0.015 U	< 0.015 U	< 0.015 U	< 0.015 U	< 0.016 U	< 0.015 U	< 0.015 U	< 0.016 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
hexachlorocyclopentadiene	77-47-4	mg/kg	< 0.57 U	< 0.56 U	< 0.55 U	< 0.55 U	< 0.59 U	< 0.55 UJ	< 0.57 U	< 0.59 U
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.0067	0.0010 J	0.00078 J	1.5	0.0011 J	0.0033	0.0028 J	0.0031
Isophorone	78-59-1	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
Naphthalene	91-20-3	mg/kg	0.00083 J	0.00089 J	0.00099 J	0.084	0.0029	0.056	0.0041	0.0025
Nitrobenzene	98-95-3	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
n-Nitrosodimethylamine	62-75-9	mg/kg	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U	< 0.20 U	< 0.18 U	< 0.19 U	< 0.20 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
Pentachlorophenol	87-86-5	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U
Phenanthrene	85-01-8	mg/kg	0.018	0.0016 J	0.0014 J	3.5	0.0043	0.047	0.0084 J	0.0077
Phenol	108-95-2	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
Pyrene	129-00-0	mg/kg	0.065	0.0024	0.0019	5.8	0.0051	0.011	0.016 J	0.014
Tetrachlorobenzene, 1,2,4,5-	95-94-3	mg/kg	< 0.038 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.039 U
Tetrachlorophenol, 2,3,4,6-	58-90-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.046	0.0029	0.0022	4.7	0.0055	0.0095	0.015	0.017
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	0.27	0.016	0.013	27	0.032	0.051	0.082	0.095
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	0.11	0.012	0.013	13	0.034	0.50	0.059	0.041
Total PAHs Calculated	CALC-PAH	mg/kg	0.38	0.028	0.026	39	0.066	0.55	0.14	0.14

Appendix B2 Table 6
Analytical Data Summary Tables - Phase II Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			203-SB15 203-SB15-01 12/13/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB16 203-SB16-01 12/14/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB16 203-SB16-01FD 12/14/2016 FD 203-SB16-01 2016 Dec PhaseII 0 - 1 ft	203-SB17 203-SB17-01 12/15/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB18 203-SB18-01 12/13/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB19 203-SB19-01 12/8/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB20 203-SB20-01 12/13/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB21 203-SB21-01 12/12/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB22 203-SB22-01 12/12/2016 N 2016 Dec PhaseII 0 - 1 ft
Chemical	CAS	Units									
VOCs											
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
1,1,2-trichloro-1,2,2-trifluoroethane (Freon 11)	76-13-1	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.19 U	< 0.003 U	< 0.004 U	< 0.004 U	< 0.16 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
1,2,3-Trichloropropane	96-18-4	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.19 U	< 0.003 U	< 0.004 U	< 0.004 U	< 0.16 U
1,2-Dibromoethane	106-93-4	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
1,4-Dioxane	123-91-1	mg/kg	< 0.15 U	< 0.15 U	< 0.16 U	< 0.18 U	< 9.5 U	< 0.17 U	< 0.19 U	< 0.18 U	< 8.0 UJ
2-Butanone	78-93-3	mg/kg	< 0.006 U	< 0.006 U	< 0.006 U	< 0.007 U	< 0.38 U	< 0.007 U	< 0.008 U	0.007 J	< 0.32 U
2-Hexanone	591-78-6	mg/kg	< 0.006 U	< 0.006 U	< 0.006 U	< 0.007 U	< 0.38 U	< 0.007 U	< 0.008 U	< 0.007 U	< 0.32 U
4-Methyl-2-pentanone	108-10-1	mg/kg	< 0.006 U	< 0.006 UJ	< 0.006 UJ	< 0.007 UJ	< 0.38 U	< 0.007 UJ	< 0.008 U	< 0.007 U	< 0.32 U
Acetone	67-64-1	mg/kg	0.030	0.018	0.023	0.026	< 0.76 U	0.014 J	0.040	0.12	< 0.64 U
Benzene	71-43-2	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
Bromochloromethane	74-97-5	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
Bromodichloromethane	75-27-4	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
Bromoform	75-25-2	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
Bromomethane	74-83-9	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.19 U	< 0.003 U	< 0.004 U	< 0.004 U	< 0.16 U
Carbon disulfide	75-15-0	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
Chlorobenzene	108-90-7	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
Chloroethane	75-00-3	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.19 U	< 0.003 U	< 0.004 U	< 0.004 U	< 0.16 U
Chloroform	67-66-3	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
Chloromethane	74-87-3	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.19 U	< 0.003 U	< 0.004 U	< 0.004 U	< 0.16 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
cyclohexane	110-82-7	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
Dibromochloromethane	124-48-1	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.19 U	< 0.003 U	< 0.004 U	< 0.004 U	< 0.16 U
Ethylbenzene	100-41-4	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
Isopropylbenzene	98-82-8	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
m,p-Xylene	108383/106423	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
Methyl tert-butyl ether	1634-04-4	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
Methylacetate	79-20-9	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.19 U	< 0.003 U	< 0.004 U	< 0.004 U	< 0.16 U
methylcyclohexane	108-87-2	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	0.056 J	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
Methylene chloride	75-09-2	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.19 U	< 0.003 U	< 0.004 U	< 0.004 U	< 0.16 U
o-Xylene	95-47-6	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
Styrene	100-42-5	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
Tetrachloroethene	127-18-4	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
Toluene	108-88-3	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
Trichloroethene	79-01-6	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
Trichlorofluoromethane	75-69-4	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.19 U	< 0.003 U	< 0.004 U	< 0.004 U	< 0.16 U
Vinyl Acetate	108-05-4	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.19 U	< 0.003 U	< 0.004 U	< 0.004 U	< 0.16 U
Vinyl chloride	75-01-4	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U
Xylenes (total)	1330-20-7	mg/kg	< 0.002 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.095 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.080 U

Appendix B2 Table 6
Analytical Data Summary Tables - Phase II Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval	203-SB23 203-SB23-01 12/12/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB23 203-SB23-01FD 12/12/2016 FD 203-SB23-01 2016 Dec PhaseII 0 - 1 ft	203-SB24 203-SB24-01 12/12/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB25 203-SB25-01 12/12/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB26 203-SB26-01 12/12/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB27 203-SB27-01 12/12/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB28 203-SB28-01 12/12/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB29 203-SB29-01 12/12/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB29 203-SB29-01FD 12/12/2016 FD 203-SB29-01 2016 Dec PhaseII 0 - 1 ft		
Chemical	CAS	Units									
General Chemistry											
Oxidation Reduction Potential	ORP	mV	564	583	588	558	509	578	545	507	462
pH	PH	std units	6.03	6.00	6.90	6.46	7.76	6.87	6.95	7.65	6.85
Metals											
Aluminum	7429-90-5	mg/kg	12600	13900	9550	14600	14100	13800	11200 J+	13100 J	19000 J
Antimony	7440-36-0	mg/kg	< 0.157 U	< 0.173 U	< 0.196 U	< 0.194 U	< 0.190 U	< 0.180 U	< 0.161 UJ	< 0.208 U	< 0.180 U
Arsenic	7440-38-2	mg/kg	3.43	2.74	2.25	2.71	3.42	3.18	3.34 J	3.47	4.45
Barium	7440-39-3	mg/kg	38.1	38.1	44.8	58.4	69.8	59.3	72.2 J-	80.6 J	138 J
Beryllium	7440-41-7	mg/kg	0.473	0.528	0.365	0.599	0.586	0.597	0.474	0.555 J	0.815 J
Cadmium	7440-43-9	mg/kg	0.0511 J	< 0.0867 UJ	< 0.0980 U	< 0.0969 U	0.0565 J	0.0537 J	< 0.0804 U	< 0.104 UJ	0.104 J
Calcium (Ca)	7440-70-2	mg/kg	458	480	451	805	1560	533	817 J+	1180 J	1690 J
Chromium	7440-47-3	mg/kg	16.5	18.4	13.0	21.4	22.9	20.8	21.0	24.2 J	34.7 J
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	16.5 J	13.2 J	13.0	20.9	22.3	19.1	21.0	21.7 J	34.7 J
Chromium(VI)	18540-29-9	mg/kg	< 0.47 UJ	5.2 J	< 0.45 UJ	0.53 J-	0.55 J-	1.7 J-	< 0.46 UJ	2.5 J	< 0.51 UJ
Cobalt	7440-48-4	mg/kg	5.17	5.68	3.79	6.70	7.16	6.79	6.08	7.11 J	11.1 J
Copper	7440-50-8	mg/kg	9.16	8.89	7.35	12.7	15.7	12.0	12.8 J-	13.5 J	21.8 J
Iron (Fe)	7439-89-6	mg/kg	14300	14700	11200	16500	16900	15500	16400 J-	17200 J	24800 J
Lead	7439-92-1	mg/kg	7.32	6.43	3.67	6.19	7.88	4.99	4.62	5.00 J	8.24 J
Magnesium (Mg)	7439-95-4	mg/kg	2600	3000	2230	4270	4390	4150	3920	4960 J	7030 J
Manganese (Mn)	7439-96-5	mg/kg	198	199	149	269	250	231	225 J-	244 J	364 J
Mercury	7439-97-6	mg/kg	0.0213 J	0.0193 J	< 0.0179 U	< 0.0197 U	< 0.0190 U	< 0.0187 U	< 0.0177 U	< 0.0191 U	< 0.0192 U
Nickel	7440-02-0	mg/kg	10.0	11.6	7.22	13.3	14.0	13.0	12.7	15.6 J	23.5 J
Potassium (K)	7440-09-7	mg/kg	1350	1600	1500	2460	3000	2520	2620	3430 J	5310 J
Selenium	7782-49-2	mg/kg	0.249 J	0.198 J	0.148 J	0.140 J	0.125 J	0.144 J	0.0772 J	< 0.208 UJ	0.0796 J
Silver	7440-22-4	mg/kg	0.0258 J	< 0.0433 UJ	< 0.0490 U	< 0.0485 U	< 0.0475 U	< 0.0450 U	< 0.0402 U	< 0.0520 U	< 0.0451 U
Sodium (Na)	7440-23-5	mg/kg	90.3	93.9	88.0	144	136	104	125	213 J	290 J
Thallium	7440-28-0	mg/kg	0.162	0.173 J	0.125 J	0.223	0.235	0.192	0.189	0.248 J	0.341 J
Vanadium	7440-62-2	mg/kg	26.6	28.3	19.9	32.0	34.6	30.5	31.5	34.8 J	49.8 J
Zinc	7440-66-6	mg/kg	29.3	27.3	16.3	37.2	40.6	35.4	29.4 J+	34.9 J	58.3 J
SVOCs											
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U
1-Methylnaphthalene	90-12-0	mg/kg	0.0085 J	0.0089 J	< 0.0015 U	0.0018 J	0.019	0.0018 J	0.0011 J	0.0034 J	0.0068 J
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.1 U	< 1.2 U	< 1.2 U
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.19 U	< 0.20 U	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.20 U	< 0.21 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.015 U	< 0.016 U	< 0.015 U	< 0.016 U	< 0.015 U	< 0.015 U	< 0.015 U	< 0.016 U	< 0.017 U
2-Chlorophenol	95-57-8	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U
2-Methylnaphthalene	91-57-6	mg/kg	0.010	0.013	< 0.0015 U	0.0028	0.025	0.0028	0.0018 J	0.0043 J	0.0067 J
2-Methylphenol	95-48-7	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U
2-Nitroaniline	88-74-4	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U
2-Nitrophenol	88-75-5	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U
3,3-Dichlorobenzidine	91-94-1	mg/kg	< 0.38 U	< 0.39 U	< 0.37 U	< 0.41 U	< 0.38 U	< 0.38 U	< 0.38 UJ	< 0.39 U	< 0.41 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U
3-Nitroaniline	99-09-2	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 UJ	< 0.16 U	< 0.17 U
4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	< 0.58 U	< 0.59 U	< 0.56 U	< 0.61 U	< 0.58 U	< 0.58 U	< 0.56 U	< 0.59 U	< 0.62 U
4-Bromophenyl-phenylether	101-55-3	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U
4-Chloroaniline	106-47-8	mg/kg	< 0.077 U	< 0.079 U	< 0.075 U	< 0.081 U	< 0.077 U	< 0.077 U	< 0.075 UJ	< 0.078 U	< 0.083 U

Notes provided on the last page of table.

Appendix B2 Table 6
Analytical Data Summary Tables - Phase II Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval	203-SB23 203-SB23-01 12/12/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB23 203-SB23-01FD 12/12/2016 FD 203-SB23-01 2016 Dec PhaseII 0 - 1 ft	203-SB24 203-SB24-01 12/12/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB25 203-SB25-01 12/12/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB26 203-SB26-01 12/12/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB27 203-SB27-01 12/12/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB28 203-SB28-01 12/12/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB29 203-SB29-01 12/12/2016 N 2016 Dec PhaseII 0 - 1 ft	203-SB29 203-SB29-01FD 12/12/2016 FD 203-SB29-01 2016 Dec PhaseII 0 - 1 ft	
Chemical	CAS	Units								
SVOCs										
4-Chlorophenyl-phenylether	7005-72-3	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U
4-Nitroaniline	100-01-6	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.17 U
4-Nitrophenol	100-02-7	mg/kg	< 0.58 U	< 0.59 U	< 0.56 U	< 0.61 U	< 0.58 U	< 0.58 U	< 0.59 U	< 0.62 U
Acenaphthene	83-32-9	mg/kg	0.0055 J	< 0.0079 UJ	< 0.0015 U	< 0.0016 U	0.0077 J	< 0.0015 U	< 0.0015 U	0.0048 J
Acenaphthylene	208-96-8	mg/kg	< 0.0077 U	< 0.0079 U	< 0.0015 U	< 0.0016 U	< 0.0077 U	< 0.0015 U	< 0.0015 U	0.00096 J
Acetophenone	98-86-2	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U
Anthracene	120-12-7	mg/kg	0.0059 J	0.0033 J	0.00078 J	0.0010 J	0.0049 J	0.00041 J	< 0.0015 U	0.0014 J
Atrazine	1912-24-9	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U
Benzaldehyde	100-52-7	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.17 U
Benzo(a)anthracene	56-55-3	mg/kg	0.011 J	0.0057 J	0.0025	0.0024	0.011	< 0.0015 U	< 0.0015 U	0.0018 J
Benzo(a)pyrene	50-32-8	mg/kg	0.010 J	0.0055 J	0.0026	0.0029	0.016	< 0.0015 U	< 0.0015 U	0.0040 J
Benzo(b)fluoranthene	205-99-2	mg/kg	0.016 J	0.0090 J	0.0041	0.0047	0.040	0.0010 J	< 0.0015 U	0.0063
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.0077 U	< 0.0079 U	0.0011 J	0.0015 J	0.0090 J	< 0.0015 U	< 0.0015 U	0.0021 J
Benzo(k)fluoranthene	207-08-9	mg/kg	0.0068 J	< 0.0079 UJ	0.0018 J	0.0023	0.015	0.0014 J	< 0.0015 U	0.0024
Benzoic acid	65-85-0	mg/kg	< 0.58 U	< 0.59 U	< 0.56 U	< 0.61 U	< 0.58 U	< 0.58 U	< 0.56 U	< 0.59 U
Benzyl Alcohol	100-51-6	mg/kg	< 0.58 U	< 0.59 U	< 0.56 U	< 0.61 U	< 0.58 U	< 0.58 U	< 0.56 U	< 0.59 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U
Bis(2-chloro-1-methylethyl) ether	108-60-1	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U
Bis(2-chloroethoxy)methane	111-91-1	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U
Bis(2-chloroethyl)ether	111-44-4	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 UJ
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U
Caprolactam	105-60-2	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U
CARBAZOLE	86-74-8	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U
Chrysene	218-01-9	mg/kg	0.012 J	0.0067 J	0.0027	0.0038	0.021	0.0011 J	0.00056 J	0.0029 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.0077 U	< 0.0079 U	< 0.0015 U	< 0.0016 U	< 0.0077 U	< 0.0015 U	< 0.0015 U	< 0.0016 U
Dibenzofuran	132-64-9	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U
Diethyl phthalate	84-66-2	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U
Fluoranthene	206-44-0	mg/kg	0.033 J	0.015 J	0.0064	0.0065	0.040	0.0014 J	0.0012 J	0.0055 J
Fluorene	86-73-7	mg/kg	0.0065 J	< 0.0079 UJ	0.0011 J	0.0029	0.0082 J	< 0.0015 U	< 0.0015 U	0.0052 J
Hexachlorobenzene	118-74-1	mg/kg	< 0.015 U	< 0.016 U	< 0.015 U	< 0.016 U	< 0.015 U	< 0.015 U	< 0.015 U	< 0.016 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U
hexachlorocyclopentadiene	77-47-4	mg/kg	< 0.58 U	< 0.59 U	< 0.56 U	< 0.61 U	< 0.58 U	< 0.58 U	< 0.56 UJ	< 0.59 U
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	< 0.0077 U	< 0.0079 U	0.0012 J	0.0014 J	0.0092 J	< 0.0015 U	< 0.0015 U	0.0020 J
Isophorone	78-59-1	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U
Naphthalene	91-20-3	mg/kg	0.0072 J	0.013 J	0.0014 J	0.0021	0.022	0.0014 J	0.00096 J	0.012 J
Nitrobenzene	98-95-3	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U
n-Nitrosodimethylamine	62-75-9	mg/kg	< 0.19 U	< 0.20 U	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.20 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U
Pentachlorophenol	87-86-5	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U
Phenanthrene	85-01-8	mg/kg	0.035 J	0.018 J	0.0035	0.0064	0.037	0.00092 J	0.0019	0.015 J
Phenol	108-95-2	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U
Pyrene	129-00-0	mg/kg	0.025 J	0.012 J	0.0044	0.0045	0.034	0.0010 J	0.00089 J	0.0057 J
Tetrachlorobenzene, 1,2,4,5-	95-94-3	mg/kg	< 0.038 U	< 0.039 U	< 0.037 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.039 U
Tetrachlorophenol, 2,3,4,6-	58-90-2	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.16 U
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.013	0.0084	0.0036	0.0040	0.023	0.00027	0.0035	0.0052
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	0.10	0.063	0.022	0.025	0.16	0.010	0.0065	0.029
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	0.12	0.081	0.018	0.025	0.17	0.012	0.011	0.067
Total PAHs Calculated	CALC-PAH	mg/kg	0.22	0.15	0.039	0.051	0.33	0.022	0.019	0.081

Notes provided on the last page of table.

Appendix B2 Table 6
Analytical Data Summary Tables - Phase II Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Chemical	CAS	Units	Location ID	203-SB30	203-SB31	203-SB32	203-SB33	203-SB34	203-SB35	203-SB36	203-SB37
			Sample ID	203-SB30-01	203-SB31-01	203-SB32-01	203-SB33-01	203-SB34-01	203-SB35-01	203-SB36-01	203-SB37-01
			Sample Date	12/12/2016	12/12/2016	12/12/2016	12/8/2016	12/12/2016	12/8/2016	12/8/2016	12/8/2016
			Sample Type Code	N	N	N	N	N	N	N	N
			Parent Sample ID								
			Task Code	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII
			Depth Interval	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
General Chemistry											
Oxidation Reduction Potential	ORP	mV		480	500	587	419	479	527	365	367
pH	PH	std units		5.97	7.96	6.37	7.86	7.07	7.31	8.19	9.43
Metals											
Aluminum	7429-90-5	mg/kg		13100	13800	14000	3030	12500	5710	13100	6860
Antimony	7440-36-0	mg/kg		< 0.211 U	< 0.198 U	< 0.245 U	< 0.203 U	< 0.163 U	< 0.176 U	< 0.190 U	< 0.209 U
Arsenic	7440-38-2	mg/kg		3.37	3.77	3.38	1.44	2.94	1.17	2.80	2.31
Barium	7440-39-3	mg/kg		58.5	41.6	78.3	15.1	59.9	21.7	39.3	36.8
Beryllium	7440-41-7	mg/kg		0.513	0.550	0.562	0.144 J	0.481	0.204	0.481	0.326
Cadmium	7440-43-9	mg/kg		0.0493 J	< 0.0992 U	0.169 J	< 0.102 U	0.138 J	0.0404 J	< 0.0949 U	0.166 J
Calcium (Ca)	7440-70-2	mg/kg		623	908	1040	337	1110	428	737	5100
Chromium	7440-47-3	mg/kg		18.8	17.3	22.7	5.23	19.5	7.02	17.7	9.11
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg		17.9	16.9	21.6	5.2	18.8	6.6	15.1	8.1
Chromium(VI)	18540-29-9	mg/kg		0.91	0.42 J	1.1	< 0.43 U	0.69	0.42 J	2.6	1.0
Cobalt	7440-48-4	mg/kg		5.53	5.69	7.96	1.90	5.96	2.76	5.17	3.20
Copper	7440-50-8	mg/kg		11.3	8.58	21.8	4.02	17.4	4.92	8.05	9.24
Iron (Fe)	7439-89-6	mg/kg		15900	14500	17800	7320	15100	6810	14700	8390
Lead	7439-92-1	mg/kg		6.97	4.93	12.8	2.79	7.70	3.22	5.40	8.75
Magnesium (Mg)	7439-95-4	mg/kg		3390	2990	4280	832	3430	1290	2760	2020
Manganese (Mn)	7439-96-5	mg/kg		203	185	308	74.0	218	105	242	158
Mercury	7439-97-6	mg/kg		< 0.0178 U	< 0.0174 U	0.0147 J	< 0.0176 U	< 0.0178 U	< 0.0179 U	0.0145 J	< 0.0174 U
Nickel	7440-02-0	mg/kg		11.2	11.4	13.7	3.26	11.9	4.63	11.3	6.64
Potassium (K)	7440-09-7	mg/kg		2290	1550	3080	574	2260	817	1390	946
Selenium	7782-49-2	mg/kg		0.149 J	0.170 J	0.156 J	< 0.203 U	0.162 J	0.0929 J	0.320 J	0.100 J
Silver	7440-22-4	mg/kg		< 0.0527 U	< 0.0496 U	< 0.0613 U	< 0.0508 U	0.0251 J	< 0.0441 U	< 0.0474 U	< 0.0522 U
Sodium (Na)	7440-23-5	mg/kg		94.4	117	152	60.2 J	109	79.3	103	100
Thallium	7440-28-0	mg/kg		0.179 J	0.176 J	0.221 J	0.0729 J	0.188	0.0478 J	0.169 J	0.0805 J
Vanadium	7440-62-2	mg/kg		30.3	27.3	35.0	9.54	28.6	13.0	28.0	14.5
Zinc	7440-66-6	mg/kg		33.2	23.2	109	10.6	73.1	17.8	26.6	74.9
SVOCs											
1,2,4-Trichlorobenzene	120-82-1	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
1,2-Dichlorobenzene	95-50-1	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
1,3-Dichlorobenzene	541-73-1	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
1,4-Dichlorobenzene	106-46-7	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
1-Methylnaphthalene	90-12-0	mg/kg		0.011	< 0.0015 U	0.0062	0.0031	0.19	1.7	0.00082 J	0.27
2,4,5-Trichlorophenol	95-95-4	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
2,4,6-Trichlorophenol	88-06-2	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
2,4-Dichlorophenol	120-83-2	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
2,4-Dinitrophenol	51-28-5	mg/kg		< 1.1 U	< 1.1 U	< 1.3 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 5.5 U
2,4-Dinitrotoluene	121-14-2	mg/kg		< 0.19 U	< 0.18 U	< 0.22 U	< 0.18 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.91 U
2,6-Dinitrotoluene	606-20-2	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
2-Chloronaphthalene	91-58-7	mg/kg		< 0.015 U	< 0.015 U	< 0.017 U	< 0.014 U	< 0.015 U	0.008 J	< 0.015 U	< 0.073 U
2-Chlorophenol	95-57-8	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
2-Methylnaphthalene	91-57-6	mg/kg		0.013	< 0.0015 U	0.010	0.0061	0.26	2.5	0.0015 J	0.35
2-Methylphenol	95-48-7	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
2-Nitroaniline	88-74-4	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
2-Nitrophenol	88-75-5	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
3,3-Dichlorobenzidine	91-94-1	mg/kg		< 0.38 U	< 0.37 U	< 0.43 U	< 0.36 U	< 0.37 U	< 0.37 U	< 0.38 U	< 1.8 U
3,4-Methylphenol	108394/106445	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
3-Nitroaniline	99-09-2	mg/kg		< 0.15 U	< 0.15 U	< 0.17 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.73 U
4,6-Dinitro-2-methylphenol	534-52-1	mg/kg		< 0.57 U	< 0.55 U	< 0.65 U	< 0.53 U	< 0.56 U	< 0.56 U	< 0.57 U	< 2.7 U
4-Bromophenyl-phenylether	101-55-3	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
4-Chloro-3-methylphenol	59-50-7	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
4-Chloroaniline	106-47-8	mg/kg		< 0.076 U	< 0.073 U	< 0.086 U	< 0.071 U	< 0.075 U	< 0.074 U	< 0.076 U	< 0.37 U

Notes provided on the last page of table.

Appendix B2 Table 6
Analytical Data Summary Tables - Phase II Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Chemical	CAS	Units	Location ID	203-SB30	203-SB31	203-SB32	203-SB33	203-SB34	203-SB35	203-SB36	203-SB37
			Sample ID	203-SB30-01	203-SB31-01	203-SB32-01	203-SB33-01	203-SB34-01	203-SB35-01	203-SB36-01	203-SB37-01
			Sample Date	12/12/2016	12/12/2016	12/12/2016	12/8/2016	12/12/2016	12/8/2016	12/8/2016	12/8/2016
			Sample Type Code	N	N	N	N	N	N	N	N
			Parent Sample ID								
			Task Code	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII
			Depth Interval	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
4-Chlorophenyl-phenylether	7005-72-3	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
4-Nitroaniline	100-01-6	mg/kg		< 0.15 U	< 0.15 U	< 0.17 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.73 U
4-Nitrophenol	100-02-7	mg/kg		< 0.57 U	< 0.55 U	< 0.65 U	< 0.53 U	< 0.56 U	< 0.56 U	< 0.57 U	< 2.7 U
Acenaphthene	83-32-9	mg/kg		0.00082 J	< 0.0015 U	< 0.0017 U	0.0027	0.014 J	0.17	< 0.0015 U	0.035 J
Acenaphthylene	208-96-8	mg/kg		0.00058 J	< 0.0015 U	0.00075 J	0.0026	< 0.015 U	0.062	< 0.0015 U	0.027 J
Acetophenone	98-86-2	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
Anthracene	120-12-7	mg/kg		0.00078 J	< 0.0015 U	0.0021 J	0.0032	0.019	0.058	0.00043 J	< 0.073 U
Atrazine	1912-24-9	mg/kg		< 0.15 U	< 0.15 U	< 0.17 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.73 U
Benzaldehyde	100-52-7	mg/kg		< 0.15 U	< 0.15 U	0.087 J	< 0.14 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.73 U
Benzo(a)anthracene	56-55-3	mg/kg		0.0023	0.00078 J	0.011	0.0081	0.072	< 0.015 U	0.0013 J	< 0.073 U
Benzo(a)pyrene	50-32-8	mg/kg		0.0030	0.00074 J	0.012	0.010	0.057	0.004 J	0.0014 J	0.039 J
Benzo(b)fluoranthene	205-99-2	mg/kg		0.0062	0.0013 J	0.029	0.013	0.084	0.005 J	0.0023	0.024 J
Benzo(g,h,i)perylene	191-24-2	mg/kg		< 0.0015 U	< 0.0015 U	0.0028	0.0059	0.028	< 0.015 U	< 0.0015 U	0.050 J
Benzo(k)fluoranthene	207-08-9	mg/kg		0.0022	< 0.0015 U	0.0084	0.0041	0.033	< 0.015 U	0.00085 J	0.020 J
Benzoic acid	65-85-0	mg/kg		< 0.57 U	< 0.55 U	< 0.65 U	< 0.53 U	< 0.56 U	< 0.56 U	< 0.57 U	< 2.7 U
Benzyl Alcohol	100-51-6	mg/kg		< 0.57 U	< 0.55 U	< 0.65 U	< 0.53 U	< 0.56 U	< 0.56 U	< 0.57 U	< 2.7 U
Biphenyl, 1,1'-	92-52-4	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	0.056	0.37	< 0.038 U	< 0.18 U
Bis(2-chloro-1-methylethyl) ether	108-60-1	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
Bis(2-chloroethoxy)methane	111-91-1	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
Bis(2-chloroethyl)ether	111-44-4	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg		< 0.15 U	< 0.15 U	0.15 J	< 0.14 U	0.10 J	< 0.15 U	< 0.15 U	< 0.73 U
Butyl benzyl phthalate	85-68-7	mg/kg		< 0.15 U	< 0.15 U	< 0.17 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.73 U
Caprolactam	105-60-2	mg/kg		< 0.15 U	< 0.15 U	< 0.17 U	< 0.14 U	0.045 J	< 0.15 U	< 0.15 U	< 0.73 U
CARBAZOLE	86-74-8	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
Chrysene	218-01-9	mg/kg		0.0031	0.0010 J	0.015	0.0098	0.082	0.004 J	0.0017 J	0.024 J
Dibenz(a,h)anthracene	53-70-3	mg/kg		< 0.0015 U	< 0.0015 U	0.0011 J	0.0016 J	0.012 J	< 0.015 U	< 0.0015 U	< 0.073 U
Dibenzofuran	132-64-9	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	0.019 J	0.14	< 0.038 U	< 0.18 U
Diethyl phthalate	84-66-2	mg/kg		< 0.15 U	< 0.15 U	< 0.17 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.73 U
Dimethyl phthalate	131-11-3	mg/kg		< 0.15 U	< 0.15 U	< 0.17 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.73 U
Di-n-butyl phthalate	84-74-2	mg/kg		< 0.15 U	< 0.15 U	< 0.17 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.73 U
Di-n-octyl phthalate	117-84-0	mg/kg		< 0.15 U	< 0.15 U	< 0.17 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.73 U
Fluoranthene	206-44-0	mg/kg		0.0053	0.0012 J	0.019	0.018	0.11	0.013 J	0.0033	0.019 J
Fluorene	86-73-7	mg/kg		0.0028	< 0.0015 U	0.0018 J	0.0024	0.027	0.24	< 0.0015 U	0.062 J
Hexachlorobenzene	118-74-1	mg/kg		< 0.015 U	< 0.015 U	< 0.017 U	< 0.014 U	< 0.015 U	< 0.015 U	< 0.015 U	< 0.073 U
Hexachlorobutadiene	87-68-3	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
hexachlorocyclopentadiene	77-47-4	mg/kg		< 0.57 U	< 0.55 U	< 0.65 U	< 0.53 U	< 0.56 U	< 0.56 U	< 0.57 U	< 2.7 U
Hexachloroethane	67-72-1	mg/kg		< 0.15 U	< 0.15 U	< 0.17 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.73 U
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg		0.00077 J	< 0.0015 U	0.0032	0.0049	0.028	< 0.015 U	< 0.0015 U	0.019 J
Isophorone	78-59-1	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
Naphthalene	91-20-3	mg/kg		0.0018 J	< 0.0015 U	0.0049	0.013	0.058	0.69	0.0025	0.10
Nitrobenzene	98-95-3	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
n-Nitrosodimethylamine	62-75-9	mg/kg		< 0.19 U	< 0.18 U	< 0.22 U	< 0.18 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.91 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
n-Nitrosodiphenylamine	86-30-6	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
Pentachlorophenol	87-86-5	mg/kg		< 0.15 U	< 0.15 U	< 0.17 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.73 U
Phenanthrene	85-01-8	mg/kg		0.0092	0.00098 J	0.011	0.012	0.081	0.43	0.0021	0.099
Phenol	108-95-2	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
Pyrene	129-00-0	mg/kg		0.0045	0.0010 J	0.019	0.017	0.11	0.032	0.0023	0.028 J
Tetrachlorobenzene, 1,2,4,5-	95-94-3	mg/kg		< 0.038 U	< 0.037 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.18 U
Tetrachlorophenol, 2,3,4,6-	58-90-2	mg/kg		< 0.15 U	< 0.15 U	< 0.17 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.73 U
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg		0.0041	0.0012	0.018	0.014	0.088	0.0057	0.0021	0.052
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg		0.024	0.0087	0.10	0.074	0.51	0.067	0.013	0.26
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg		0.045	0.0098	0.057	0.063	0.77	5.9	0.013	1.0
Total PAHs Calculated	CALC-PAH	mg/kg		0.069	0.018	0.16	0.14	1.3	5.9	0.026	1.3

Appendix B2 Table 6
Analytical Data Summary Tables - Phase II Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Chemical	CAS	Units	Location ID	203-SB30	203-SB31	203-SB32	203-SB33	203-SB34	203-SB35	203-SB36	203-SB37
			Sample ID	203-SB30-01	203-SB31-01	203-SB32-01	203-SB33-01	203-SB34-01	203-SB35-01	203-SB36-01	203-SB37-01
Sample Date	Sample Type Code	Parent Sample ID	Task Code	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII
Depth Interval				0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
VOCs											
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
1,1,1-Trichloroethane	71-55-6	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
1,1,2-trichloro-1,2,2-trifluoroethane (Freon 11)	76-13-1	mg/kg		< 0.003 U	< 0.16 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.003 U	< 0.20 U
1,1,2-Trichloroethane	79-00-5	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
1,1-Dichloroethane	75-34-3	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
1,1-Dichloroethene	75-35-4	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
1,2,3-Trichloropropane	96-18-4	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg		< 0.003 U	< 0.16 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.003 U	< 0.20 U
1,2-Dibromoethane	106-93-4	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
1,2-Dichloroethane	107-06-2	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
1,2-Dichloropropane	78-87-5	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
1,4-Dioxane	123-91-1	mg/kg		< 0.17 U	< 7.9 UJ	< 0.18 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.16 U	< 9.9 UJ
2-Butanone	78-93-3	mg/kg		0.003 J	< 0.32 U	0.004 J	< 0.008 U	0.004 J	< 0.008 U	< 0.007 U	< 0.40 U
2-Hexanone	591-78-6	mg/kg		< 0.007 U	< 0.32 U	< 0.007 U	< 0.008 U	< 0.008 U	< 0.008 U	< 0.007 U	< 0.40 U
4-Methyl-2-pentanone	108-10-1	mg/kg		< 0.007 U	< 0.32 U	< 0.007 U	< 0.008 UJ	< 0.008 U	< 0.008 UJ	< 0.007 UJ	< 0.40 U
Acetone	67-64-1	mg/kg		0.063	< 0.63 U	0.083	0.013 J	0.070	0.027	0.020	< 0.79 U
Benzene	71-43-2	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
Bromochloromethane	74-97-5	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
Bromodichloromethane	75-27-4	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
Bromoform	75-25-2	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
Bromomethane	74-83-9	mg/kg		< 0.003 U	< 0.16 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.003 U	< 0.20 U
Carbon disulfide	75-15-0	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
Carbon tetrachloride	56-23-5	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
Chlorobenzene	108-90-7	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
Chloroethane	75-00-3	mg/kg		< 0.003 U	< 0.16 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.003 U	< 0.20 U
Chloroform	67-66-3	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
Chloromethane	74-87-3	mg/kg		< 0.003 U	< 0.16 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.003 U	< 0.20 U
cis-1,2-Dichloroethene	156-59-2	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
cyclohexane	110-82-7	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	0.002 J	< 0.002 U	< 0.099 U
Dibromochloromethane	124-48-1	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
Dichlorodifluoromethane	75-71-8	mg/kg		< 0.003 U	< 0.16 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.003 U	< 0.20 U
Ethylbenzene	100-41-4	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	0.007	< 0.002 U	< 0.099 U
Isopropylbenzene	98-82-8	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	0.002 J	< 0.002 U	< 0.099 U
m,p-Xylene	108383/106423	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	0.011	< 0.002 U	< 0.099 U
Methyl tert-butyl ether	1634-04-4	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
Methylacetate	79-20-9	mg/kg		< 0.003 U	< 0.16 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.003 U	27
methylcyclohexane	108-87-2	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	0.007	< 0.002 U	< 0.099 U
Methylene chloride	75-09-2	mg/kg		< 0.003 U	< 0.16 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.003 U	< 0.20 U
o-Xylene	95-47-6	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	0.009	< 0.002 U	< 0.099 U
Styrene	100-42-5	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
Tetrachloroethene	127-18-4	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
Toluene	108-88-3	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	0.005 J	< 0.002 U	< 0.099 U
trans-1,2-Dichloroethene	156-60-5	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
Trichloroethene	79-01-6	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
Trichlorofluoromethane	75-69-4	mg/kg		< 0.003 U	< 0.16 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.003 U	< 0.20 U
Vinyl Acetate	108-05-4	mg/kg		< 0.003 U	< 0.16 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.003 U	< 0.20 U
Vinyl chloride	75-01-4	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.099 U
Xylenes (total)	1330-20-7	mg/kg		< 0.002 U	< 0.079 U	< 0.002 U	< 0.002 U	< 0.002 U	0.020	< 0.002 U	< 0.099 U

Appendix B2 Table 6
Analytical Data Summary Tables - Phase II Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Notes:

< - Result not detected above the limit of detection.

BaP = benzo(a)pyrene

CAS - Chemical Abstracts Service.

FD - Field duplicate.

ft - feet.

J - The analyte was positively identified; the associated numerical value is an estimated quantity with an unknown bias.

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

HMW - High molecular weight.

LMW - Low molecular weight.

mg/kg - milligram per kilogram.

mV - millivolt.

N - Normal sample.

ORP - Oxidation Reduction Potential.

PAH - Polycyclic Aromatic Hydrocarbon.

PCB - Polychlorinated Biphenyl.

SVOC - Semivolatile organic compound.

TEQ - Toxic Equivalency

U - The analyte was not detected above the limit of detection.

UJ - The analyte was not detected above the reported limit of detection. However, the reported limit of detection is approximate and may or may not represent the actual limit of detection necessary to accurately and precisely measure the analyte in the sample.

VOC - Volatile organic compound.

(a) Chromium III concentrations were calculated by the laboratory by subtracting chromium IV from total chromium, and were reported to two significant figures.

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval				DU02-S001 DU02-S001-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU02-S002 DU02-S002-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU02-S003 DU02-S003-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU02-S004 DU02-S004-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU02-S005 DU02-S005-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU02-S006 DU02-S006-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU02-S007 DU02-S007-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU02-S008 DU02-S008-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU02-S009 DU02-S009-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU02-S010 DU02-S010-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	
Chemical	CAS	Units	Result Type											
General Chemistry														
Oxidation Reduction Potential	ORP	mV	TRG	331	—	—	—	—	—	—	—	—	—	—
pH	PH	std units	TRG	5.86	—	—	—	—	—	—	—	—	—	—
Metals														
Aluminum	7429-90-5	mg/kg	TRG	7330 J+	36100	25700	10100	15900	15600	27300	10000	4670	14500	
Antimony	7440-36-0	mg/kg	TRG	< 1.39 UJ	< 0.312 U	0.165 J	0.125 J	0.824 J	0.576 J	< 0.260 U	< 0.196 U	0.772 J	< 0.709 U	
Arsenic	7440-38-2	mg/kg	TRG	2.65 J	5.93	4.21	2.38	2.53 J	3.86	4.49	2.66	2.06 J	3.22	
Barium	7440-39-3	mg/kg	TRG	114 J+	251	459	165	227	218	208	52.5	117	169	
Beryllium	7440-41-7	mg/kg	TRG	0.665 J	1.35	0.968	0.417	1.09 J	0.770 J	0.988	0.440	0.559 J	1.14	
Cadmium	7440-43-9	mg/kg	TRG	1.73 J	0.759	1.80	0.219	2.04	1.28	0.440	0.0798 J	0.519 J	0.353 J	
Calcium (Ca)	7440-70-2	mg/kg	TRG	4300	1690	2420	891	3710	3000	1560	611	3500	2980	
Chromium	7440-47-3	mg/kg	TRG	7.40	52.8	38.4	16.2	20.8	20.4	43.5	17.3	3.97 J	19.8	
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	TRG	7.4	—	—	—	—	—	—	—	—	—	
Chromium(VI) (b)	18540-29-9	mg/kg	CALC	—	3.9	2.8	1.2	1.5	1.5	3.2	1.3	0.29 J	1.4	
Chromium(VI)	18540-29-9	mg/kg	TRG	< 3.5 U	—	—	—	—	—	—	—	—	—	
Cobalt	7440-48-4	mg/kg	TRG	3.18	11.4	8.58	4.62	6.68	5.65	9.23	5.24	2.15	3.91	
Copper	7440-50-8	mg/kg	TRG	22.8 J	27.3	40.6	21.4	36.0	34.5	26.6	17.5	12.3	18.9	
Iron (Fe)	7439-89-6	mg/kg	TRG	7560 J-	33900	24400	14200	16300	15100	26000	12800	1900	8360	
Lead	7439-92-1	mg/kg	TRG	29.2 J-	24.4	30.6	19.1	52.2	35.7	27.3	12.2	34.6	18.1	
Magnesium (Mg)	7439-95-4	mg/kg	TRG	1410	9450	6830	2610	3320	3280	7760	2910	1090	3150	
Manganese (Mn)	7439-96-5	mg/kg	TRG	54.0 J	287	247	153	121	121	259	191	60.8	111	
Mercury	7439-97-6	mg/kg	TRG	0.240 J	0.0539 J	0.0547 J	0.0175 J	0.253 J	0.214 J	0.0541 J	0.0170 J	0.215 J	0.159 J	
Nickel	7440-02-0	mg/kg	TRG	6.39	31.7	22.7	10.1	16.9	14.6	24.6	9.41	4.98	11.5	
Potassium (K)	7440-09-7	mg/kg	TRG	656	5690	4190	1410	2200	1880	4320	1660	593	1680	
Selenium	7782-49-2	mg/kg	TRG	1.65 J	0.573 J	0.523 J	0.269 J	1.59 J	1.51 J	0.437 J	0.209 J	1.69 J	2.71 J	
Silver	7440-22-4	mg/kg	TRG	< 0.347 U	< 0.0780 U	0.0375 J	< 0.0478 U	< 0.301 U	< 0.204 U	0.0471 J	< 0.0489 U	< 0.257 U	< 0.177 U	
Sodium (Na)	7440-23-5	mg/kg	TRG	594	280	232	106	516	325 J	224	116	517	350	
Thallium	7440-28-0	mg/kg	TRG	< 0.347 U	0.493	0.341	0.159 J	0.272 J	0.150 J	0.383	0.148 J	< 0.257 U	0.198 J	
Vanadium	7440-62-2	mg/kg	TRG	24.8	69.6	51.7	22.5	36.5	37.4	56.9	25.1	12.7	22.4	
Zinc	7440-66-6	mg/kg	TRG	132 J+	155	130	104	146	133	123	57.4	37.1	64.6	
PCBs														
Aroclor 1016	12674-11-2	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	CALC	—	—	—	—	—	—	—	—	—	—	—
SVOCs														
1,4-Dichlorobenzene	106-46-7	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—
2-Methylphenol	95-48-7	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—
4-Chloroaniline	106-47-8	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—
Acenaphthene	83-32-9	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—
Acenaphthylene	208-96-8	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—
Anthracene	120-12-7	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—
Benzaldehyde	100-52-7	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval				DU02-S001 DU02-S001-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU02-S002 DU02-S002-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU02-S003 DU02-S003-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU02-S004 DU02-S004-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU02-S005 DU02-S005-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU02-S006 DU02-S006-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU02-S007 DU02-S007-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU02-S008 DU02-S008-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU02-S009 DU02-S009-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU02-S010 DU02-S010-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft
Chemical	CAS	Units	Result Type										
Benzo(a)anthracene	56-55-3	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
SVOCs Continued													
Benzo(b)fluoranthene	205-99-2	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Chrysene	218-01-9	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Fluorene	86-73-7	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Pyrene	129-00-0	mg/kg	TRG	—	—	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	CALC	—	—	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	CALC	—	—	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	CALC	—	—	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	mg/kg	CALC	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID			DU02-S011	DU02-S011	DU02-S012	DU02-S013	DU02-S014	DU02-S015	DU02-S016	DU03-S001	DU03-S002	DU03-S003	DU03-S004
Sample ID			DU02-S011-00-01	DU02-S011-00-01D	DU02-S012-00-01	DU02-S013-00-01	DU02-S014-00-01	DU02-S015-00-01	DU02-S016-00-01	DU03-S001-00-01	DU03-S002-00-01	DU03-S003-00-01	DU03-S004-00-01
Sample Date			6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017
Sample Type Code			N	FD	N	N	N	N	N	N	N	N	N
Parent Sample ID				DU02-S011-00-01									
Task Code			2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
Depth Interval			0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
Chemical	CAS	Units											
General Chemistry													
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	—	330	—	—	—
pH	PH	std units	—	—	—	—	—	—	—	5.73	—	—	—
Metals													
Aluminum	7429-90-5	mg/kg	8530 J	13500 J	10000	15400	8320	3490	4620	4110	1980	3550	2310
Antimony	7440-36-0	mg/kg	< 0.338 U	< 0.288 U	< 0.218 U	0.941 J	0.245 J	0.350 J	< 0.149 U	< 0.189 U	< 0.208 U	< 0.271 U	< 0.251 U
Arsenic	7440-38-2	mg/kg	1.92	2.44	3.14	3.16	2.39	3.16	2.37	2.36	2.16	0.650 J	2.76
Barium	7440-39-3	mg/kg	27.7 J	38.5 J	35.3	220	22.2	15.4	18.8	13.0	10.1	19.6	15.6
Beryllium	7440-41-7	mg/kg	0.833 J	1.28 J	0.383	1.26	0.290 J	0.0683 J	0.187	0.215	0.143 J	0.259 J	0.136 J
Cadmium	7440-43-9	mg/kg	0.0968 J	0.139 J	0.0681 J	0.927	0.214 J	0.0564 J	0.0292 J	0.0528 J	0.0769 J	0.113 J	< 0.126 U
Calcium (Ca)	7440-70-2	mg/kg	263 J	151 J	493	2910	131 J	184	378	522	339	1030	693
Chromium	7440-47-3	mg/kg	7.26 J	10.7 J	15.8	21.9	6.22	5.16	6.90	7.78	3.29	5.61	3.88
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	—	6.7	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	0.53 J	0.78 J	1.2	1.6	0.45	0.38	0.50	—	0.24	0.41	0.28
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	—	1.0	—	—	—
Cobalt	7440-48-4	mg/kg	0.774	0.961	4.67	5.17	1.36	1.22	1.95	1.76	0.858	2.89	1.84
Copper	7440-50-8	mg/kg	5.98 J	8.50 J	12.1	33.7	7.02	3.84	4.75	3.97	2.21	3.79	2.63
Iron (Fe)	7439-89-6	mg/kg	2940	3770	12500	10300	7400	5380	7630	7190	1930	4410	3820
Lead	7439-92-1	mg/kg	13.5	15.0	13.4	49.9	19.2	17.6	4.45	7.12	2.30	6.19	3.21
Magnesium (Mg)	7439-95-4	mg/kg	594	776	2370	3220	668	457	1030	832	402	804	487
Manganese (Mn)	7439-96-5	mg/kg	18.6	24.7	143	84.4	40.8	22.2	70.8	47.1	20.1	36.9	28.4
Mercury	7439-97-6	mg/kg	0.0734 J	0.0770 J	0.0202 J	0.201 J	0.166 J	0.0912 J	< 0.0175 U	0.0230 J	< 0.0215 U	0.0215 J	0.0150 J
Nickel	7440-02-0	mg/kg	3.66 J	6.43 J	9.26	15.5	3.31	2.69	4.18	3.83	1.58	3.51	2.96
Potassium (K)	7440-09-7	mg/kg	513	667	1300	2290	416	339	2290	578	245	350	315
Selenium	7782-49-2	mg/kg	1.12 J	1.39	0.318 J	1.29 J	0.781 J	0.454 J	0.138 J	0.211 J	< 0.208 U	0.214 J	0.170 J
Silver	7440-22-4	mg/kg	0.0535 J	0.128 J	0.0347 J	< 0.184 U	0.108 J	0.0987 J	< 0.0373 U	< 0.0473 U	< 0.0521 U	< 0.0676 U	< 0.0629 U
Sodium (Na)	7440-23-5	mg/kg	115 J	135	92.2	368	94.0 J	96.6 J	56.4 J	73.4 J	67.4 J	98.0 J	138
Thallium	7440-28-0	mg/kg	0.0562 J	0.129 J	0.111 J	0.263 J	0.116 J	0.0640 J	0.0767 J	0.0608 J	0.0433 J	0.0482 J	0.0317 J
Vanadium	7440-62-2	mg/kg	8.20 J	12.4 J	24.5	34.0	18.2	20.2	12.1	10.3	4.45	8.33	4.88
Zinc	7440-66-6	mg/kg	23.7 J	34.2 J	54.5	88.1	20.5	12.5	13.5	12.2	7.15	15.2	9.65
PCBs													
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—	—
SVOCs													
1,4-Dichlorobenzene	106-46-7	mg/kg	—	—	—	—	—	—	—	< 0.047 U	< 0.043 U	< 0.054 U	< 0.046 U
1-Methylnaphthalene	90-12-0	mg/kg	—	—	—	—	—	—	—	0.0032	0.0012 J	0.0012 J	< 0.0018 U
2-Chloronaphthalene	91-58-7	mg/kg	—	—	—	—	—	—	—	< 0.019 U	< 0.017 U	< 0.021 U	< 0.018 U
2-Methylnaphthalene	91-57-6	mg/kg	—	—	—	—	—	—	—	0.0019 J	0.0021 J	0.0012 J	< 0.0018 U
2-Methylphenol	95-48-7	mg/kg	—	—	—	—	—	—	—	< 0.047 U	< 0.043 U	< 0.054 U	< 0.046 U
3,4-Methylphenol	108394/106445	mg/kg	—	—	—	—	—	—	—	< 0.047 U	< 0.043 U	< 0.054 U	< 0.046 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	—	—	—	—	—	—	—	< 0.047 U	< 0.043 U	< 0.054 U	< 0.046 U
4-Chloroaniline	106-47-8	mg/kg	—	—	—	—	—	—	—	< 0.093 U	< 0.087 U	< 0.11 U	< 0.092 U
Acenaphthene	83-32-9	mg/kg	—	—	—	—	—	—	—	0.0014 J	< 0.0017 U	< 0.0021 U	< 0.0018 U
Acenaphthylene	208-96-8	mg/kg	—	—	—	—	—	—	—	< 0.0019 U	0.0011 J	0.0018 J	0.00055 J
Anthracene	120-12-7	mg/kg	—	—	—	—	—	—	—	0.0040	0.00061 J	0.0045	0.00056 J
Benzaldehyde	100-52-7	mg/kg	—	—	—	—	—	—	—	0.12 J	< 0.17 U	< 0.21 U	< 0.18 U

Notes provided on the last page of tables.

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID		DU02-S011	DU02-S011	DU02-S012	DU02-S013	DU02-S014	DU02-S015	DU02-S016	DU03-S001	DU03-S002	DU03-S003	DU03-S004
Sample ID		DU02-S011-00-01	DU02-S011-00-01D	DU02-S012-00-01	DU02-S013-00-01	DU02-S014-00-01	DU02-S015-00-01	DU02-S016-00-01	DU03-S001-00-01	DU03-S002-00-01	DU03-S003-00-01	DU03-S004-00-01
Sample Date		6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017
Sample Type Code		N	FD	N	N	N	N	N	N	N	N	N
Parent Sample ID			DU02-S011-00-01									
Task Code		2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
Depth Interval		0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
Chemical	CAS	Units										
Benzo(a)anthracene	56-55-3	mg/kg	—	—	—	—	—	—	0.011	0.0020 J	0.0094	0.0013 J
Benzo(a)pyrene	50-32-8	mg/kg	—	—	—	—	—	—	0.011	0.0024	0.0097	0.0015 J
SVOCs Continued												
Benzo(b)fluoranthene	205-99-2	mg/kg	—	—	—	—	—	—	0.019	0.0038	0.018	0.0041
Benzo(g,h,i)perylene	191-24-2	mg/kg	—	—	—	—	—	—	0.0037	0.00091 J	0.0034	< 0.0018 U
Benzo(k)fluoranthene	207-08-9	mg/kg	—	—	—	—	—	—	0.0068	0.0015 J	0.0061	0.0011 J
Benzoic acid	65-85-0	mg/kg	—	—	—	—	—	—	0.37 J	< 0.65 U	< 0.80 U	< 0.69 U
Biphenyl, 1,1'-	92-52-4	mg/kg	—	—	—	—	—	—	< 0.047 U	< 0.043 U	< 0.054 U	< 0.046 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	—	—	—	—	—	—	< 0.19 U	< 0.17 U	< 0.21 U	< 0.18 U
Butyl benzyl phthalate	85-68-7	mg/kg	—	—	—	—	—	—	< 0.19 U	< 0.17 U	< 0.21 U	< 0.18 U
Caprolactam	105-60-2	mg/kg	—	—	—	—	—	—	< 0.19 U	< 0.17 U	< 0.21 U	< 0.18 U
CARBAZOLE	86-74-8	mg/kg	—	—	—	—	—	—	< 0.047 U	< 0.043 U	< 0.054 U	< 0.046 U
Chrysene	218-01-9	mg/kg	—	—	—	—	—	—	0.012	0.0026	0.011	0.0019 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	—	—	—	—	—	—	0.0010 J	< 0.0017 U	< 0.0021 U	< 0.0018 U
Dibenzofuran	132-64-9	mg/kg	—	—	—	—	—	—	< 0.047 U	< 0.043 U	< 0.054 U	< 0.046 U
Diethyl phthalate	84-66-2	mg/kg	—	—	—	—	—	—	< 0.19 U	< 0.17 U	< 0.21 U	< 0.18 U
Dimethyl phthalate	131-11-3	mg/kg	—	—	—	—	—	—	< 0.19 U	< 0.17 U	< 0.21 U	< 0.18 U
Di-n-butyl phthalate	84-74-2	mg/kg	—	—	—	—	—	—	< 0.19 U	< 0.17 U	< 0.21 U	< 0.18 U
Di-n-octyl phthalate	117-84-0	mg/kg	—	—	—	—	—	—	< 0.19 U	< 0.17 U	< 0.21 U	< 0.18 U
Fluoranthene	206-44-0	mg/kg	—	—	—	—	—	—	0.031	0.0050	0.032	0.0038
Fluorene	86-73-7	mg/kg	—	—	—	—	—	—	0.0012 J	< 0.0017 U	0.0011 J	< 0.0018 U
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	—	—	—	—	—	—	0.0043	0.0010 J	0.0040	0.0011 J
Naphthalene	91-20-3	mg/kg	—	—	—	—	—	—	0.0067	0.0013 J	0.0022 J	< 0.0018 U
Phenanthrene	85-01-8	mg/kg	—	—	—	—	—	—	0.017	0.0026	0.016	0.0015 J
Pyrene	129-00-0	mg/kg	—	—	—	—	—	—	0.020	0.0043	0.021	0.0029
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	—	—	—	—	—	—	0.016	0.0032	0.014	0.0025
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	—	—	—	—	—	—	0.089	0.020	0.085	0.016
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	—	—	—	—	—	—	0.068	0.016	0.061	0.011
Total PAHs Calculated	CALC-PAH	mg/kg	—	—	—	—	—	—	0.16	0.036	0.15	0.028

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	DU03-S005	DU03-S006	DU03-S007	DU03-S008	DU03-S009	DU03-S010	DU03-S011	DU03-S012	DU03-S013	DU03-S014	DU03-S015
Sample ID	DU03-S005-00-01	DU03-S006-00-01	DU03-S007-00-01	DU03-S008-00-01	DU03-S009-00-01	DU03-S010-00-01	DU03-S011-00-01	DU03-S012-00-01	DU03-S013-00-01	DU03-S014-00-01	DU03-S015-00-01	
Sample Date	6/15/2017	6/15/2017	6/16/2017	6/16/2017	6/15/2017	6/15/2017	6/16/2017	6/16/2017	6/15/2017	6/15/2017	6/15/2017	
Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	
Parent Sample ID												
Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	
Depth Interval	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	
Chemical	CAS	Units										
General Chemistry												
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	292	—	—	—	—
pH	PH	std units	—	—	—	—	—	5.71	—	—	—	—
Metals												
Aluminum	7429-90-5	mg/kg	4820	4630	9110	3260	2450	3320	3930	5790	7040	7180
Antimony	7440-36-0	mg/kg	< 0.278 U	< 0.294 U	< 0.351 U	< 0.225 U	< 0.237 U	< 0.253 U	< 0.358 U	< 0.237 U	0.244 J	< 0.235 U
Arsenic	7440-38-2	mg/kg	1.46	1.86	4.05	1.04	1.10	1.71	1.89	1.56	2.63	2.11
Barium	7440-39-3	mg/kg	19.9	31.0	47.1	17.5	12.0	15.9	28.9	13.5	23.0	15.6
Beryllium	7440-41-7	mg/kg	0.284	0.265 J	0.617	0.146 J	0.141 J	0.196 J	0.249 J	0.162 J	0.295	0.201 J
Cadmium	7440-43-9	mg/kg	< 0.139 U	0.0779 J	0.154 J	0.0670 J	< 0.119 U	< 0.127 U	0.0719 J	< 0.119 U	0.0867 J	0.0716 J
Calcium (Ca)	7440-70-2	mg/kg	1020	1510	2920	2480	523	554	1870	475	551	360
Chromium	7440-47-3	mg/kg	8.24	8.93	17.5	4.53	3.92	5.65	7.54	6.24	9.87	8.57
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	7.5	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	0.60	0.65	1.3	0.33	0.29	0.41	—	0.46	0.72	0.63
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	< 0.82 U	—	—	—
Cobalt	7440-48-4	mg/kg	1.49	1.22	2.42	1.08	1.11	1.16	1.55	0.586	2.12	1.27
Copper	7440-50-8	mg/kg	2.87	5.21	5.68	2.34	2.13	2.53	3.64	0.894 J	6.69	2.69
Iron (Fe)	7439-89-6	mg/kg	5600	3560	8550	3300	3800	4520	5070	3260	8660	6310
Lead	7439-92-1	mg/kg	6.02	7.96	5.28	3.58	3.17	5.08	4.09	4.53	15.6	7.09
Magnesium (Mg)	7439-95-4	mg/kg	967	772	1760	699	519	636	642	443	1080	806
Manganese (Mn)	7439-96-5	mg/kg	48.2	55.6	63.9	30.3	43.4	35.0	32.9	26.9	71.9	37.8
Mercury	7439-97-6	mg/kg	0.0206 J	0.0329 J	0.0295 J	0.0216 J	< 0.0213 U	0.0190 J	0.0236 J	0.0178 J	0.123 J	0.0411 J
Nickel	7440-02-0	mg/kg	3.68	2.58	6.51	2.93	2.32	3.00	2.74	2.01	5.18	3.93
Potassium (K)	7440-09-7	mg/kg	394	474	424	252	326	364	384	339	488	317
Selenium	7782-49-2	mg/kg	0.253 J	0.287 J	2.46	0.205 J	< 0.237 U	0.136 J	0.613 J	0.296 J	0.474 J	0.302 J
Silver	7440-22-4	mg/kg	< 0.0696 U	< 0.0735 U	< 0.0878 U	< 0.0562 U	< 0.0593 U	< 0.0633 U	< 0.0895 U	< 0.0594 U	< 0.0730 U	0.0345 J
Sodium (Na)	7440-23-5	mg/kg	120	167	189	109	106	112	280	122	133	84.7 J
Thallium	7440-28-0	mg/kg	0.0632 J	0.0914 J	0.108 J	0.0443 J	< 0.0593 U	0.0339 J	0.0487 J	0.0926 J	0.0794 J	0.0810 J
Vanadium	7440-62-2	mg/kg	9.74	10.1	16.3	5.28	5.66	7.81	8.58	8.30	15.5	12.1
Zinc	7440-66-6	mg/kg	12.5	10.5	20.1	9.36	7.16	9.16	11.8	6.03 J	21.9	13.1
PCBs												
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—
SVOCs												
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.049 U	< 0.060 U	< 0.086 U	< 0.039 U	< 0.043 U	< 0.046 U	< 0.068 U	< 0.054 U	< 0.050 U	< 0.041 U
1-Methylnaphthalene	90-12-0	mg/kg	< 0.0020 U	0.0013 J	< 0.0034 U	0.0019 J	< 0.0017 U	< 0.0019 U	0.0020 J	0.0014 J	0.0020 J	< 0.0016 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.020 U	< 0.024 U	< 0.034 U	< 0.015 U	< 0.017 U	< 0.019 U	< 0.027 U	< 0.022 U	< 0.020 U	< 0.016 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.0020 U	0.0013 J	0.0019 J	0.0012 J	0.0011 J	< 0.0019 U	0.0033 J	0.0019 J	0.0032	0.0012 J
2-Methylphenol	95-48-7	mg/kg	< 0.049 U	< 0.060 U	< 0.086 U	< 0.039 U	< 0.043 U	< 0.046 U	< 0.068 U	< 0.054 U	< 0.050 U	< 0.041 U
3,4-Methylphenol	108394/106445	mg/kg	0.20	< 0.060 U	< 0.086 U	< 0.039 U	< 0.043 U	< 0.046 U	< 0.068 U	< 0.054 U	< 0.050 U	< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.049 U	< 0.060 U	< 0.086 U	< 0.039 U	< 0.043 U	< 0.046 U	< 0.068 U	< 0.054 U	< 0.050 U	< 0.041 U
4-Chloroaniline	106-47-8	mg/kg	< 0.098 U	< 0.12 U	< 0.17 U	< 0.077 U	< 0.086 U	< 0.093 U	< 0.14 U	< 0.11 U	< 0.10 U	< 0.082 U
Acenaphthene	83-32-9	mg/kg	< 0.0020 U	< 0.0024 U	0.0033 J	< 0.0015 U	< 0.0017 U	< 0.0019 U	< 0.0027 U	0.0045	0.0015 J	< 0.0016 U
Acenaphthylene	208-96-8	mg/kg	0.0013 J	< 0.0024 U	0.0021 J	0.0031	0.0013 J	0.0016 J	0.00077 J	0.00064 J	0.0041	0.0065
Anthracene	120-12-7	mg/kg	0.0025	0.0024 J	0.0020 J	0.0025	0.0012 J	0.0012 J	0.0011 J	0.0011 J	0.00097	0.0019 J
Benzaldehyde	100-52-7	mg/kg	< 0.20 U	< 0.24 U	< 0.34 U	0.14 J	< 0.17 U	< 0.19 U	< 0.27 U	0.93	0.20 J	< 0.16 U

Notes provided on the last page of tables.

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU03-S005 DU03-S005-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU03-S006 DU03-S006-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU03-S007 DU03-S007-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU03-S008 DU03-S008-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU03-S009 DU03-S009-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU03-S010 DU03-S010-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU03-S011 DU03-S011-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU03-S012 DU03-S012-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU03-S013 DU03-S013-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU03-S014 DU03-S014-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU03-S015 DU03-S015-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft
Chemical	CAS	Units											
Benzo(a)anthracene	56-55-3	mg/kg	0.0084	0.0046	0.0019 J	0.0023	0.0055	0.0028	0.0020 J	< 0.0022 U	0.039	0.0063	0.0056
Benzo(a)pyrene	50-32-8	mg/kg	0.0085	0.0047	< 0.0034 U	0.0023	0.0062	0.0033	0.0025 J	0.0022 J	0.049	0.0080	0.0063
SVOCs Continued													
Benzo(b)fluoranthene	205-99-2	mg/kg	0.013	0.012	0.0055	0.0069	0.0097	0.0066	0.011	0.0020 J	0.091	0.017	0.011
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.0024 J	0.0017 J	< 0.0034 U	0.0014 J	0.0018 J	0.0012 J	< 0.0027 U	< 0.0022 U	0.013	0.0026	0.0025 J-
Benzo(k)fluoranthene	207-08-9	mg/kg	0.0054	0.0037	< 0.0034 U	0.0021	0.0040	0.0021 J	0.0028 J	< 0.0022 U	0.037	0.0064	0.0041
Benzoic acid	65-85-0	mg/kg	< 0.73 U	0.67 J	0.50 J	0.34 J	< 0.65 U	< 0.70 U	< 1.0 U	2.7	0.72 J	0.68	0.54 J
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.049 U	< 0.060 U	< 0.086 U	< 0.039 U	< 0.043 U	< 0.046 U	< 0.068 U	< 0.054 U	< 0.050 U	< 0.041 U	< 0.039 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.20 U	< 0.24 U	< 0.34 U	< 0.15 U	< 0.17 U	< 0.19 U	< 0.27 U	< 0.22 U	< 0.20 U	< 0.16 U	< 0.16 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.20 U	< 0.24 U	< 0.34 U	< 0.15 U	< 0.17 U	< 0.19 U	< 0.27 U	< 0.22 U	< 0.20 U	< 0.16 U	< 0.16 U
Caprolactam	105-60-2	mg/kg	< 0.20 U	< 0.24 U	< 0.34 U	< 0.15 U	< 0.17 U	< 0.19 U	< 0.27 U	< 0.22 U	< 0.20 U	< 0.16 U	< 0.16 U
CARBAZOLE	86-74-8	mg/kg	< 0.049 U	< 0.060 U	< 0.086 U	< 0.039 U	< 0.043 U	< 0.046 U	< 0.068 U	< 0.054 U	< 0.050 U	< 0.041 U	< 0.039 U
Chrysene	218-01-9	mg/kg	0.0094	0.0074	0.0042 J	0.0036	0.0074	0.0065	0.0044	0.0033 J	0.065	0.0012 J	0.053
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.0020 U	< 0.0024 U	< 0.0034 U	< 0.0015 U	0.0011 J	< 0.0019 U	< 0.0027 U	< 0.0022 U	0.0072	0.0016 J	0.00086 J
Dibenzofuran	132-64-9	mg/kg	< 0.049 U	< 0.060 U	< 0.086 U	< 0.039 U	< 0.043 U	< 0.046 U	< 0.068 U	< 0.054 U	< 0.050 U	< 0.041 U	< 0.039 U
Diethyl phthalate	84-66-2	mg/kg	< 0.20 U	< 0.24 U	< 0.34 U	< 0.15 U	< 0.17 U	< 0.19 U	< 0.27 U	< 0.22 U	< 0.20 U	< 0.16 U	< 0.16 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.20 U	< 0.24 U	< 0.34 U	< 0.15 U	< 0.17 U	< 0.19 U	< 0.27 U	< 0.22 U	< 0.20 U	< 0.16 U	< 0.16 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.20 U	< 0.24 U	< 0.34 U	< 0.15 U	< 0.17 U	< 0.19 U	< 0.27 U	< 0.22 U	< 0.20 U	< 0.16 U	< 0.16 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.20 U	< 0.24 U	< 0.34 U	< 0.15 U	< 0.17 U	< 0.19 U	< 0.27 U	< 0.22 U	< 0.20 U	< 0.16 U	< 0.16 U
Fluoranthene	206-44-0	mg/kg	0.021	0.016	0.0088	0.0092	0.013	0.0082	0.0061	0.0025 J	0.10	0.018	0.017
Fluorene	86-73-7	mg/kg	0.0012 J	0.0016 J	0.0042 J	0.00081 J	< 0.0017 U	< 0.0019 U	0.0065	< 0.0022 U	0.0022 J	< 0.0016 U	0.00093 J
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.0029	< 0.0024 U	< 0.0034 U	0.0016 J	0.0021 J	0.0014 J	< 0.0027 U	< 0.0022 U	0.016	0.0033	0.0028
Naphthalene	91-20-3	mg/kg	0.0011 J	0.0026 J	0.019	0.0032	0.0013 J	0.0013 J	0.0093	0.0087	0.0069	0.0020 J	0.0097 J
Phenanthrene	85-01-8	mg/kg	0.011	0.0082	0.0049	0.0048	0.0054	0.0040	0.0039	0.0035	0.037	0.0091	0.010 J
Pyrene	129-00-0	mg/kg	0.016	0.010	0.0047	0.016	0.012	0.0057	0.0044	0.0023 J	0.094	0.015	0.011
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.011	0.0068	0.0011	0.0036	0.0091	0.0046	0.0046	0.0026	0.071	0.012	0.0091
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	0.068	0.048	0.026	0.027	0.049	0.029	0.033	0.016	0.40	0.069	0.052
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	0.042	0.036	0.049	0.028	0.027	0.022	0.034	0.025	0.17	0.042	0.047
Total PAHs Calculated	CALC-PAH	mg/kg	0.11	0.083	0.076	0.055	0.076	0.051	0.066	0.040	0.57	0.11	0.099

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	DU03-S016	DU04-S001	DU04-S002	DU04-S003	DU04-S003	DU04-S004	DU04-S005	DU04-S006	DU04-S007	DU04-S008	DU04-S008	
	Sample ID	DU03-S016-00-01	DU04-S001-00-01	DU04-S002-00-01	DU04-S003-00-01	DU04-S003-00-01D	DU04-S004-00-01	DU04-S005-00-01	DU04-S006-00-01	DU04-S007-00-01	DU04-S008-00-01	DU04-S008-00-01D	
	Sample Date	6/16/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	
	Sample Type Code	N	N	N	N	FD	N	N	N	N	N	FD	
	Parent Sample ID					DU04-S003-00-01						DU04-S008-00-01	
	Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	
	Depth Interval	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	
Chemical	CAS	Units											
General Chemistry													
Oxidation Reduction Potential	ORP	mV	—	414	—	—	—	—	—	—	—	—	
pH	PH	std units	—	5.70	—	—	—	—	—	—	—	—	
Metals													
Aluminum	7429-90-5	mg/kg	3120	6880	7670	2180	2780	7960	6460	2260	2250	7850	7310
Antimony	7440-36-0	mg/kg	< 0.272 U	< 0.201 U	< 0.201 U	< 0.157 U	< 0.187 U	< 0.208 U	< 0.177 U	< 0.179 U	< 0.170 U	< 0.278 U	< 0.205 U
Arsenic	7440-38-2	mg/kg	1.53	2.50	2.75	0.814	0.959	2.75	2.53	0.902	1.07	2.95	2.64
Barium	7440-39-3	mg/kg	23.9	18.7	20.7	6.98	7.55	20.0	15.4	7.01	6.62	19.2	17.7
Beryllium	7440-41-7	mg/kg	0.183 J	0.333	0.352	0.110 J	0.136 J	0.356	0.278	0.119 J	0.101 J	0.323	0.315
Cadmium	7440-43-9	mg/kg	0.119 J	0.0401 J	< 0.100 U	< 0.0786 U	< 0.0937 U	< 0.104 U	< 0.0884 U	< 0.0896 U	< 0.0850 U	< 0.139 U	< 0.102 U
Calcium (Ca)	7440-70-2	mg/kg	848	651	609	189	190	558	522	253	254	594	444
Chromium	7440-47-3	mg/kg	5.03	9.40	10.5	3.29	3.99	11.2	8.71	3.50	3.92	10.3	10.0
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	8.3	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	0.37	—	0.77	0.24	0.29	0.82	0.64	0.26	0.29	0.75	0.73
Chromium(VI)	18540-29-9	mg/kg	—	1.1	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	mg/kg	2.53	3.06	3.31	1.68	1.69	2.73	2.91	1.32	1.05	3.32	3.00
Copper	7440-50-8	mg/kg	3.45	5.61	5.27	1.86	2.18	4.88	4.45	2.37	2.23	4.99	4.70
Iron (Fe)	7439-89-6	mg/kg	3430	9080	10100	3270	3970	10800	8210	3580	3730	10600	9660
Lead	7439-92-1	mg/kg	4.86	5.36	4.87	1.96	2.14	7.40	4.47	2.52	2.97	7.13	5.28
Magnesium (Mg)	7439-95-4	mg/kg	750	1460	1670	390	490	1630	1250	470	459	1540	1460
Manganese (Mn)	7439-96-5	mg/kg	49.1	97.5	108	43.2	44.9	88.1	91.3	39.0	45.0	110	89.8
Mercury	7439-97-6	mg/kg	0.0165 J	0.0105 J	0.0116 J	< 0.0167 U	< 0.0163 U	0.0136 J	0.0136 J	< 0.0162 U	0.0103 J	< 0.0240 UJ	0.0174 J
Nickel	7440-02-0	mg/kg	3.50	5.72	6.35	1.95	2.14	6.12	5.05	2.23	2.25	6.21	5.48
Potassium (K)	7440-09-7	mg/kg	398	748	836	244	280	762	614	282	255	724	673
Selenium	7782-49-2	mg/kg	< 0.272 U	0.254 J	0.282 J	0.0795 J	0.0986 J	0.298 J	0.253 J	0.0955 J	0.100 J	0.326 J	0.309 J
Silver	7440-22-4	mg/kg	< 0.0680 U	< 0.0504 U	< 0.0501 U	< 0.0393 U	< 0.0469 U	< 0.0519 U	< 0.0442 U	< 0.0448 U	< 0.0425 U	< 0.0694 U	< 0.0511 U
Sodium (Na)	7440-23-5	mg/kg	130	42.6 J	40.1 J	26.9 J	32.9 J	46.7 J	42.3 J	28.2 J	27.6 J	62.5 J	48.0 J
Thallium	7440-28-0	mg/kg	0.0544 J	0.0699 J	0.0936 J	0.0283 J	0.0367 J	0.0991 J	0.0555 J	0.0244 J	0.0235 J	0.0955 J	0.0804 J
Vanadium	7440-62-2	mg/kg	5.78	16.0	16.7	5.34	6.39	18.1	14.1	6.03	6.61	17.8	15.9
Zinc	7440-66-6	mg/kg	16.2	17.0	18.3	5.84	6.83	19.8	13.5	5.89	7.28	18.7	16.8
PCBs													
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—	—
SVOCs													
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.055 U	—	—	—	—	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	mg/kg	0.0013 J	—	—	—	—	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	mg/kg	< 0.022 U	—	—	—	—	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	mg/kg	0.0015 J	—	—	—	—	—	—	—	—	—	—
2-Methylphenol	95-48-7	mg/kg	< 0.055 U	—	—	—	—	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	mg/kg	0.037 J	—	—	—	—	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.055 U	—	—	—	—	—	—	—	—	—	—
4-Chloroaniline	106-47-8	mg/kg	< 0.11 U	—	—	—	—	—	—	—	—	—	—
Acenaphthene	83-32-9	mg/kg	< 0.0022 U	—	—	—	—	—	—	—	—	—	—
Acenaphthylene	208-96-8	mg/kg	0.0016 J	—	—	—	—	—	—	—	—	—	—
Anthracene	120-12-7	mg/kg	0.0045	—	—	—	—	—	—	—	—	—	—
Benzaldehyde	100-52-7	mg/kg	< 0.22 U	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID		DU03-S016	DU04-S001	DU04-S002	DU04-S003	DU04-S003	DU04-S004	DU04-S005	DU04-S006	DU04-S007	DU04-S008	DU04-S008
Sample ID		DU03-S016-00-01	DU04-S001-00-01	DU04-S002-00-01	DU04-S003-00-01	DU04-S003-00-01D	DU04-S004-00-01	DU04-S005-00-01	DU04-S006-00-01	DU04-S007-00-01	DU04-S008-00-01	DU04-S008-00-01D
Sample Date		6/16/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017
Sample Type Code		N	N	N	N	FD	N	N	N	N	N	FD
Parent Sample ID						DU04-S003-00-01						DU04-S008-00-01
Task Code		2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
Depth Interval		0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
Chemical	CAS	Units										
Benzo(a)anthracene	56-55-3	mg/kg	0.011	—	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	mg/kg	0.012	—	—	—	—	—	—	—	—	—
SVOCs Continued												
Benzo(b)fluoranthene	205-99-2	mg/kg	0.020	—	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.0042	—	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	mg/kg	0.0072	—	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	mg/kg	< 0.83 U	—	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.055 U	—	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.22 U	—	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.22 U	—	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	mg/kg	< 0.22 U	—	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	< 0.055 U	—	—	—	—	—	—	—	—	—
Chrysene	218-01-9	mg/kg	0.013	—	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.0011 J	—	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	mg/kg	< 0.055 U	—	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	< 0.22 U	—	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	< 0.22 U	—	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.22 U	—	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.22 U	—	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	0.035	—	—	—	—	—	—	—	—	—
Fluorene	86-73-7	mg/kg	0.0017 J	—	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.0047	—	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	0.0018 J	—	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	0.015	—	—	—	—	—	—	—	—	—
Pyrene	129-00-0	mg/kg	0.024	—	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.017	—	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	0.097	—	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	0.064	—	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	mg/kg	0.16	—	—	—	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID	DU04-S009	DU04-S010	DU04-S011	DU04-S012	DU04-S013	DU04-S014	DU04-S015	DU04-S016	DU05-S001	DU05-S002	DU05-S003			
Sample ID	DU04-S009-00-01	DU04-S010-00-01	DU04-S011-00-01	DU04-S012-00-01	DU04-S013-00-01	DU04-S014-00-01	DU04-S015-00-01	DU04-S016-00-01	DU05-S001-00-01	DU05-S002-00-01	DU05-S003-00-01			
Sample Date	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/13/2017	6/13/2017	6/13/2017			
Parent Sample ID	N	N	N	N	N	N	N	N	N	N	N			
Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII			
Depth Interval	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft			
Chemical	CAS	Units												
General Chemistry														
Oxidation Reduction Potential	ORP	mV	—	—	419	—	—	—	—	—	—			
pH	PH	std units	—	—	5.86	—	—	—	—	—	—			
Metals														
Aluminum	7429-90-5	mg/kg	3130	2490	6270	5400	4090	6560	8210	4590 J+	5210	4840	11800	
Antimony	7440-36-0	mg/kg	< 0.193 U	< 0.193 U	0.140 J+	0.218 J	< 0.187 U	< 0.205 U	0.115 J+	0.208 J	< 0.166 U	0.134 J	< 0.264 U	
Arsenic	7440-38-2	mg/kg	1.32	1.15	2.58	2.06	2.21	1.88	2.19	2.21	1.72	2.58	2.33	3.33
Barium	7440-39-3	mg/kg	9.30	7.98	24.8	19.5	11.6	20.0	17.5	16.4 J+	20.5	21.3	40.0	
Beryllium	7440-41-7	mg/kg	0.225	0.124 J	0.343	0.245	0.226	0.271	0.271	0.227	0.314	0.258	0.593	
Cadmium	7440-43-9	mg/kg	< 0.0965 U	0.0402 J	0.0380 J	< 0.0982 U	< 0.0934 U	< 0.102 U	0.0463 J	< 0.0978 U	0.0351 J	0.0324 J	0.0473 J	
Calcium (Ca)	7440-70-2	mg/kg	418	318	510	697	412	439	456	826 J+	842	941	684	
Chromium	7440-47-3	mg/kg	5.14	4.18	8.66	7.09	6.25	8.29	9.11	6.31	8.86	8.17	18.0	
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	< 8.7 U	—	—	—	—	—	—	—	—	
Chromium(VI) (b)	18540-29-9	mg/kg	0.38	0.31	—	0.52	0.46	0.61	0.67	0.46	0.65	0.60	1.3	
Chromium(VI)	18540-29-9	mg/kg	—	—	29.5	—	—	—	—	—	—	—	—	
Cobalt	7440-48-4	mg/kg	1.67	1.45	3.22	2.15	2.00	2.20	1.89	2.02	2.40	2.17	4.02	
Copper	7440-50-8	mg/kg	3.89	2.36	12.9	6.05	4.29	3.60	3.41	4.88	5.44	3.88	6.38	
Iron (Fe)	7439-89-6	mg/kg	5030	4080	9090	7240	6590	7860	8770	6140 J+	7750	6440	14900	
Lead	7439-92-1	mg/kg	4.08	5.05	18.4	16.7	3.90	4.65	7.02	3.90	7.05	10.5	7.31	6.71
Magnesium (Mg)	7439-95-4	mg/kg	701	520	1250	1130	965	1130	1200	978	1320	1430	2900	
Manganese (Mn)	7439-96-5	mg/kg	85.9	53.9	87.8	94.3	83.0	105	87.7	103 J	106	123	150	
Mercury	7439-97-6	mg/kg	< 0.0222 U	< 0.0173 U	0.0105 J	< 0.0177 U	< 0.0170 U	0.0184 J	0.0141 J	0.0253 J	0.0347 J	< 0.0193 U	0.0537 J	
Nickel	7440-02-0	mg/kg	2.72	2.51	6.65	4.58	3.72	4.55	4.94	3.79	5.20	4.30	8.38	
Potassium (K)	7440-09-7	mg/kg	416	340	656	593	529	514	485	515	581	618	1030	
Selenium	7782-49-2	mg/kg	0.118 J	0.131 J	0.299 J	0.199 J	0.127 J	0.224 J	0.296 J	0.155 J	0.337 J	0.134 J	0.327 J	
Silver	7440-22-4	mg/kg	< 0.0482 U	< 0.0483 U	< 0.0394 U	< 0.0491 U	< 0.0467 U	< 0.0512 U	< 0.0517 U	< 0.0489 U	< 0.0416 U	< 0.0436 U	< 0.0661 U	
Sodium (Na)	7440-23-5	mg/kg	44.1 J	30.7 J	42.8 J	58.0 J	187	37.4 J	47.6 J	38.9 J	60.2 J	94.9	121	
Thallium	7440-28-0	mg/kg	0.0463 J	0.0388 J	0.0657 J	0.0666 J	0.0407 J	0.0834 J	0.0873 J	0.0477 J	0.0889 J	0.0730 J	0.153 J	
Vanadium	7440-62-2	mg/kg	8.34	6.80	14.3	12.4	10.4	13.9	15.2	11.3	15.2	14.2	28.0	
Zinc	7440-66-6	mg/kg	10.5	8.12	15.1	16.1	13.1	13.8	15.4	15.5 J+	14.5	17.6	24.4	
PCBs														
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
SVOCs														
1,4-Dichlorobenzene	106-46-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1-Methylnaphthalene	90-12-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
2-Chloronaphthalene	91-58-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
2-Methylnaphthalene	91-57-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
2-Methylphenol	95-48-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
3,4-Methylphenol	108394/106445	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
4-Chloro-3-methylphenol	59-50-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
4-Chloroaniline	106-47-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Acenaphthene	83-32-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Acenaphthylene	208-96-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Anthracene	120-12-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Benzaldehyde	100-52-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	

Notes provided on the last page of tables.

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU04-S009 DU04-S009-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU04-S010 DU04-S010-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU04-S011 DU04-S011-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU04-S012 DU04-S012-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU04-S013 DU04-S013-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU04-S014 DU04-S014-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU04-S015 DU04-S015-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU04-S016 DU04-S016-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU05-S001 DU05-S001-00-01 6/13/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU05-S002 DU05-S002-00-01 6/13/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU05-S003 DU05-S003-00-01 6/13/2017 N 2017 MAY PHASEIII 0 - 1 ft
Chemical	CAS	Units											
Benzo(a)anthracene	56-55-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
SVOCs Continued													
Benzo(b)fluoranthene	205-99-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chrysene	218-01-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Fluorene	86-73-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Pyrene	129-00-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	mg/kg	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	DU05-S004	DU05-S005	DU05-S006	DU05-S007	DU05-S008	DU05-S009	DU05-S010	DU05-S011	DU05-S012	DU05-S013	DU05-S014	
	Sample ID	DU05-S004-00-01	DU05-S005-00-01	DU05-S006-00-01	DU05-S007-00-01	DU05-S008-00-01	DU05-S009-00-01	DU05-S010-00-01	DU05-S011-00-01	DU05-S012-00-01	DU05-S013-00-01	DU05-S014-00-01	
	Sample Date	6/12/2017	6/13/2017	6/13/2017	6/13/2017	6/12/2017	6/13/2017	6/13/2017	6/13/2017	6/12/2017	6/12/2017	6/12/2017	
	Parent Sample ID	N	N	N	N	N	N	N	N	N	N	N	
	Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	
	Depth Interval	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	
Chemical	CAS	Units											
General Chemistry													
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	—	—	—	—	
pH	PH	std units	—	—	—	—	—	—	—	—	—	—	
Metals													
Aluminum	7429-90-5	mg/kg	3900	5170	4010	16200	3370	4420	4670	16100	4870	3720	4830
Antimony	7440-36-0	mg/kg	0.106 J	< 0.186 U	0.105 J	< 0.245 U	0.0961 J	< 0.192 U	< 0.192 U	< 0.235 U	0.0789 J	< 0.172 U	< 0.203 U
Arsenic	7440-38-2	mg/kg	2.03	2.13	1.88	2.37	2.13	2.59	2.19	2.78	2.54	1.68	2.48
Barium	7440-39-3	mg/kg	14.7	21.1	14.0	64.9	18.4	20.8	20.0	63.8	17.5	18.4	17.8
Beryllium	7440-41-7	mg/kg	0.227	0.259	0.221	0.832	0.199	0.239	0.251	0.801	0.257	0.217	0.268
Cadmium	7440-43-9	mg/kg	0.0506 J	< 0.0930 U	0.0364 J	0.0655 J	0.0510 J	0.0360 J	< 0.0958 U	0.119 J	0.0541 J	0.0598 J	0.0382 J
Calcium (Ca)	7440-70-2	mg/kg	816	698	471	514	1120	1380	558	708	975	1150	590
Chromium	7440-47-3	mg/kg	6.84	7.78	6.22	20.5	6.45	8.07	7.36	19.4	8.20	8.32	7.56
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	0.50	0.57	0.45	1.5	0.47	0.59	0.54	1.4	0.60	0.61	0.55
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	mg/kg	2.02	2.00	1.59	1.92	1.94	1.99	2.06	2.97	2.26	2.24	2.25
Copper	7440-50-8	mg/kg	6.91	3.44	2.84	5.08	8.75	4.28	3.73	8.90	4.07	4.91	4.11
Iron (Fe)	7439-89-6	mg/kg	5700	6680	5670	6900	4870	7000	6860	9320	6450	5380	6230
Lead	7439-92-1	mg/kg	6.38	5.69	3.55	15.5	10.9	6.13	4.80	17.9	8.47	9.42	4.52
Magnesium (Mg)	7439-95-4	mg/kg	886	1540	981	1470	887	1230	1200	2010	1130	883	1070
Manganese (Mn)	7439-96-5	mg/kg	77.5	99.5	78.5	46.6	77.5	93.5	90.7	85.5	87.1	83.4	85.2
Mercury	7439-97-6	mg/kg	0.0185 J	0.0130 J	< 0.0173 U	0.0886 J	0.0161 J	0.0155 J	0.0120 J	0.0906 J	0.0262 J	0.0319 J	0.0197 J
Nickel	7440-02-0	mg/kg	3.94	3.84	3.24	7.41	3.43	3.57	3.97	9.42	4.45	3.92	4.35
Potassium (K)	7440-09-7	mg/kg	399	523	507	1270	380	585	576	1200	481	388	461
Selenium	7782-49-2	mg/kg	0.116 J	0.160 J	0.134 J	1.08	0.107 J	0.175 J	0.140 J	1.19	0.202 J	0.177 J	0.120 J
Silver	7440-22-4	mg/kg	< 0.0416 U	< 0.0465 U	< 0.0426 U	0.0459 J	< 0.0472 U	< 0.0479 U	< 0.0479 U	0.0555 J	< 0.0400 U	< 0.0429 U	< 0.0508 U
Sodium (Na)	7440-23-5	mg/kg	75.8	75.0	< 68.1 U	109	86.3	74.5 J	62.9 J	105	77.3	96.1	79.3 J
Thallium	7440-28-0	mg/kg	0.0383 J	0.0632 J	0.0473 J	0.300	0.0478 J	0.0682 J	0.0544 J	0.262	0.0624 J	0.0495 J	0.0596 J
Vanadium	7440-62-2	mg/kg	10.2	12.5	10.2	19.8	9.97	11.8	12.6	23.6	12.4	9.84	12.1
Zinc	7440-66-6	mg/kg	13.6	15.3	12.4	17.4	16.1	15.0	12.6	23.2	18.5	16.1	13.9
PCBs													
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—	—
SVOCs													
1,4-Dichlorobenzene	106-46-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Methylphenol	95-48-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Chloroaniline	106-47-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Acenaphthene	83-32-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Acenaphthylene	208-96-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Anthracene	120-12-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Benzaldehyde	100-52-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	DU05-S004	DU05-S005	DU05-S006	DU05-S007	DU05-S008	DU05-S009	DU05-S010	DU05-S011	DU05-S012	DU05-S013	DU05-S014
		Sample ID	DU05-S004-00-01	DU05-S005-00-01	DU05-S006-00-01	DU05-S007-00-01	DU05-S008-00-01	DU05-S009-00-01	DU05-S010-00-01	DU05-S011-00-01	DU05-S012-00-01	DU05-S013-00-01	DU05-S014-00-01
		Sample Date	6/12/2017	6/13/2017	6/13/2017	6/13/2017	6/12/2017	6/13/2017	6/13/2017	6/13/2017	6/12/2017	6/12/2017	6/12/2017
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample ID											
		Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
		Depth Interval	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
Chemical	CAS	Units											
Benzo(a)anthracene	56-55-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
SVOCs Continued													
Benzo(b)fluoranthene	205-99-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chrysene	218-01-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Fluorene	86-73-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Pyrene	129-00-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	mg/kg	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID	DU05-S015	DU05-S016	DU06-S001	DU06-S002	DU06-S003	DU06-S004	DU06-S005	DU06-S006	DU06-S007	DU06-S008	DU06-S009				
Sample ID	DU05-S015-00-01	DU05-S016-00-01	DU06-S001-00-01	DU06-S002-00-01	DU06-S003-00-01	DU06-S004-00-01	DU06-S005-00-01	DU06-S006-00-01	DU06-S007-00-01	DU06-S008-00-01	DU06-S009-00-01				
Sample Date	6/13/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017				
Sample Type Code	N	N	N	N	N	N	N	N	N	N	N				
Parent Sample ID															
Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII				
Depth Interval	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft				
Chemical	CAS	Units													
General Chemistry															
Oxidation Reduction Potential	ORP	mV	—	—	341 J-	—	—	—	—	—	—				
pH	PH	std units	—	—	7.53	—	—	—	—	—	—				
Metals															
Aluminum	7429-90-5	mg/kg	11900	3850	3610	4570	7580	8210	2040	3820	7760	3570	3330		
Antimony	7440-36-0	mg/kg	< 0.227 U	0.0888 J	0.170 J	0.101 J	< 0.209 U	0.431	0.141 J	< 0.196 U	0.192 J	0.137 J	0.165 J		
Arsenic	7440-38-2	mg/kg	3.04	2.12	9.85	2.72	2.46	11.7	7.70	2.46	9.99	3.41	7.70	2.85	19.1
Barium	7440-39-3	mg/kg	86.5	16.4	28.3	19.6	37.3	41.9	19.0	27.6	24.1	31.0	36.0		
Beryllium	7440-41-7	mg/kg	0.759	0.221	0.168 J	0.216	0.341	0.301	0.0972 J	0.127 J	0.310	0.178 J	0.212 J		
Cadmium	7440-43-9	mg/kg	0.180 J	0.0480 J	0.0302 J	0.0368 J	0.0360 J	0.176 J	< 0.0824 U	< 0.0807 U	0.0749 J	0.0974 J	< 0.107 U		
Calcium (Ca)	7440-70-2	mg/kg	844	943	779	606	800	1820	204	255	903	3510	555		
Chromium	7440-47-3	mg/kg	17.6	7.01	7.56	8.38	11.7	12.5	5.57	7.10	9.17	6.39	8.24		
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	6.7	—	—	—	—	—	—	—	—		
Chromium(VI) (b)	18540-29-9	mg/kg	1.3	0.51	—	0.61	0.85	0.91	0.41	0.52	0.67	0.47	0.60		
Chromium(VI)	18540-29-9	mg/kg	—	—	0.88	—	—	—	—	—	—	—	—		
Cobalt	7440-48-4	mg/kg	2.10	2.39	1.37	2.11	2.94	2.73	1.28	1.58	3.09	1.79	1.36		
Copper	7440-50-8	mg/kg	17.9	7.49	11.4	5.62	6.78	30.3	3.60	5.73	8.97	11.0	6.43		
Iron (Fe)	7439-89-6	mg/kg	9120	5500	9820	8000	12100	10100	11100	15900	8020	7580	11500		
Lead	7439-92-1	mg/kg	13.1	10.1	14.4	7.78	6.37	43.9	7.88	9.98	12.8	26.0	8.65		
Magnesium (Mg)	7439-95-4	mg/kg	1830	935	899	940	1790	1490	508	1090	1080	1140	714		
Manganese (Mn)	7439-96-5	mg/kg	66.3	71.2	51.5	84.3	176	111	30.5	99.3	85.4	71.0	46.6		
Mercury	7439-97-6	mg/kg	0.111 J	0.0135 J	0.0414 J	0.0748 J	0.0170 J	0.0959 J	< 0.0176 U	< 0.0167 U	0.0219 J	0.0157 J	0.0337 J		
Nickel	7440-02-0	mg/kg	7.65	4.13	3.49	4.39	5.66	6.45	1.96	3.11	6.26	3.56	3.69		
Potassium (K)	7440-09-7	mg/kg	1010	464	547	528	1460	568	342	738	564	611	645		
Selenium	7782-49-2	mg/kg	1.82	0.176 J	0.283 J	0.171 J	< 0.209 U	0.288 J	0.414 J	0.257 J	0.248 J	0.315 J	1.64		
Silver	7440-22-4	mg/kg	0.0649 J	< 0.0466 U	< 0.0437 U	< 0.0517 U	< 0.0522 U	0.0379 J	< 0.0520 U	< 0.0490 U	< 0.0446 U	< 0.0520 U	< 0.0533 U		
Sodium (Na)	7440-23-5	mg/kg	122	85.7	55.5 J	58.4 J	< 85.5 U	< 73.4 U	34.7 J	56.7 J	59.7 J	51.7 J	150		
Thallium	7440-28-0	mg/kg	0.157 J	0.0521 J	0.169 J	0.0798 J	0.173 J	0.0916 J	0.0964 J	0.188 J	0.0724 J	0.172 J	0.344		
Vanadium	7440-62-2	mg/kg	23.6	10.2	11.4	12.7	20.4	20.3	8.70	11.8	15.2	10.2	13.9		
Zinc	7440-66-6	mg/kg	20.1	16.0	17.7	18.2	25.3	145	6.67	18.5	38.2	51.2	8.03		
PCBs															
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—		
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—		
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—		
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—		
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—		
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—		
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—		
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—		
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—		
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—	—		
SVOCs															
1,4-Dichlorobenzene	106-46-7	mg/kg	—	—	< 0.17 U	< 0.035 U	< 0.036 U	< 0.19 U	< 0.035 U	< 0.17 U	< 0.19 U	< 0.036 U	< 0.037 U		
1-Methylnaphthalene	90-12-0	mg/kg	—	—	0.025 J	0.0055	0.33	0.28	0.0077	0.013 J	0.060 J	0.024	2.1		
2-Chloronaphthalene	91-58-7	mg/kg	—	—	< 0.068 U	< 0.014 U	< 0.014 U	< 0.077 U	< 0.014 U	< 0.070 U	< 0.075 U	< 0.014 U	< 0.015 U		
2-Methylnaphthalene	91-57-6	mg/kg	—	—	0.021 J	0.0074	0.41	0.35	0.0097	0.019	0.061 J	0.026	2.6		
2-Methylphenol	95-48-7	mg/kg	—	—	< 0.17 U	< 0.035 U	< 0.036 U	< 0.19 U	< 0.035 U	< 0.17 U	< 0.19 U	< 0.036 U	0.035 J		
3,4-Methylphenol	108394/106445	mg/kg	—	—	< 0.17 U	< 0.035 U	0.019 J	< 0.19 U	< 0.035 U	< 0.17 U	< 0.19 U	< 0.036 U	0.034 J		
4-Chloro-3-methylphenol	59-50-7	mg/kg	—	—	< 0.17 U	< 0.035 U	< 0.036 U	< 0.19 U	< 0.035 U	< 0.17 U	< 0.19 U	< 0.036 U	< 0.037 U		
4-Chloroaniline	106-47-8	mg/kg	—	—	< 0.34 U	< 0.069 U	< 0.072 U	< 0.38 U	< 0.071 U	< 0.35 U	< 0.37 U	< 0.072 U	< 0.074 U		
Acenaphthene	83-32-9	mg/kg	—	—	0.043 J	0.0010 J	0.85	1.7	0.00078 J	0.0070 J	0.28	0.13	0.080		
Acenaphthylene	208-96-8	mg/kg	—	—	0.026 J	0.0024	0.58	0.35	0.00068 J	0.0045 J	0.12	0.023	0.039		
Anthracene	120-12-7	mg/kg	—	—	0.15	0.0034	3.1	4.1	0.0013 J	0.015 J	0.75	0.30	0.066		
Benzaldehyde	100-52-7	mg/kg	—	—	< 0.68 U	< 0.14 U	< 0.14 U	< 0.77 U	< 0.14 U	< 0.70 U	< 0.75 U	< 0.14 U	< 0.15 U		

Notes provided on the last page of tables.

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU05-S015 DU05-S015-00-01 6/13/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU05-S016 DU05-S016-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S001 DU06-S001-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S002 DU06-S002-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S003 DU06-S003-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S004 DU06-S004-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S005 DU06-S005-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S006 DU06-S006-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S007 DU06-S007-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S008 DU06-S008-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S009 DU06-S009-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft
Chemical	CAS	Units											
Benzo(a)anthracene	56-55-3	mg/kg	—	—	0.35	0.016	9.7	9.3	0.010	0.082	2.5	0.71	0.21
Benzo(a)pyrene	50-32-8	mg/kg	—	—	0.40	0.017	8.7	8.6	0.011	0.090	2.3	0.68	0.13
SVOCs Continued													
Benzo(b)fluoranthene	205-99-2	mg/kg	—	—	0.55	0.032	12	11	0.016	0.15	3.3	0.96	0.21
Benzo(g,h,i)perylene	191-24-2	mg/kg	—	—	0.25	0.011	5.6	5.4	0.0062	0.029	1.4	0.43	0.081
Benzo(k)fluoranthene	207-08-9	mg/kg	—	—	0.26	0.011	3.4	5.8	0.0065	0.053	1.3	0.39	0.058
Benzoic acid	65-85-0	mg/kg	—	—	< 2.6 U	< 0.52 U	< 0.54 U	< 2.9 U	< 0.53 U	< 2.6 U	< 2.8 U	< 0.54 U	0.54 J
Biphenyl, 1,1'-	92-52-4	mg/kg	—	—	< 0.17 U	< 0.035 U	0.076	0.13 J	< 0.035 U	< 0.17 U	< 0.19 U	< 0.036 U	0.31
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	—	—	< 0.68 U	< 0.14 U	< 0.14 U	< 0.77 U	< 0.14 U	< 0.70 U	< 0.75 U	< 0.14 U	< 0.15 U
Butyl benzyl phthalate	85-68-7	mg/kg	—	—	< 0.68 U	< 0.14 U	< 0.14 U	< 0.77 U	< 0.14 U	< 0.70 U	< 0.75 U	< 0.14 U	< 0.15 U
Caprolactam	105-60-2	mg/kg	—	—	< 0.68 U	< 0.14 U	< 0.14 U	< 0.77 U	< 0.14 U	< 0.70 U	< 0.75 U	< 0.14 U	< 0.15 U
CARBAZOLE	86-74-8	mg/kg	—	—	< 0.17 U	< 0.035 U	0.86	1.9	< 0.035 U	< 0.17 U	0.33	0.14	0.056
Chrysene	218-01-9	mg/kg	—	—	0.33	0.020	9.0	9.0	0.011	0.096	2.4	0.67	0.31
Dibenz(a,h)anthracene	53-70-3	mg/kg	—	—	0.084 J	0.0033	1.3	1.5	0.0023	0.011 J	0.41	0.12	0.031
Dibenzofuran	132-64-9	mg/kg	—	—	< 0.17 U	< 0.035 U	0.52	1.0	< 0.035 U	< 0.17 U	0.13 J	0.066	0.56
Diethyl phthalate	84-66-2	mg/kg	—	—	< 0.68 U	< 0.14 U	< 0.14 U	< 0.77 U	< 0.14 U	< 0.70 U	< 0.75 U	< 0.14 U	< 0.15 U
Dimethyl phthalate	131-11-3	mg/kg	—	—	< 0.68 U	< 0.14 U	< 0.14 U	< 0.77 U	< 0.14 U	< 0.70 U	< 0.75 U	< 0.14 U	< 0.15 U
Di-n-butyl phthalate	84-74-2	mg/kg	—	—	< 0.68 U	< 0.14 U	< 0.14 U	< 0.77 U	< 0.14 U	< 0.70 U	< 0.75 U	< 0.14 U	< 0.15 U
Di-n-octyl phthalate	117-84-0	mg/kg	—	—	< 0.68 U	< 0.14 U	< 0.14 U	< 0.77 U	< 0.14 U	< 0.70 U	< 0.75 U	< 0.14 U	< 0.15 U
Fluoranthene	206-44-0	mg/kg	—	—	0.71	0.030	19	21	0.017	0.16	5.2	1.6	0.31
Fluorene	86-73-7	mg/kg	—	—	0.050 J	0.0010 J	1.1	2.0	0.00072 J	< 0.014 U	0.29	0.13	0.098
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	—	—	0.23	0.010	4.2	5.0	0.0064	0.029	1.3	0.40	0.061
Naphthalene	91-20-3	mg/kg	—	—	0.024 J	0.0053	0.58	1.1	0.0066	0.012 J	0.12	0.12	1.7
Phenanthrene	85-01-8	mg/kg	—	—	0.50	0.012	11	15	0.0082	0.077	2.8	1.1	1.0
Pyrene	129-00-0	mg/kg	—	—	0.57	0.026	16	17	0.015	0.15	4.3	1.4	0.31
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	—	—	0.60	0.026	13	13	0.017	0.13	3.4	1.0	0.21
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	—	—	3.0	0.15	70	73	0.084	0.69	19	5.8	1.4
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	—	—	1.5	0.068	37	46	0.053	0.32	9.7	3.5	8.0
Total PAHs Calculated	CALC-PAH	mg/kg	—	—	4.6	0.21	110	120	0.14	1.0	29	9.2	9.4

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU06-S010 DU06-S010-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S011 DU06-S011-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S012 DU06-S012-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S013 DU06-S013-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S014 DU06-S014-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S015 DU06-S015-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S016 DU06-S016-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S001 DU07-S001-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S002 DU07-S002-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S003 DU07-S003-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S004 DU07-S004-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	
Chemical	CAS	Units												
General Chemistry														
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	—	432	—	—	—	
pH	PH	std units	—	—	—	—	—	—	—	5.18	—	—	—	
Metals														
Aluminum	7429-90-5	mg/kg	3040	3990	7540	3200	2420	5800	3790 J	14200	8350	6660	8000	
Antimony	7440-36-0	mg/kg	0.225 J	0.156 J	0.156 J	0.309 J	2.24	3.21	0.0790 J	< 0.215 U	< 0.184 U	< 0.176 U	< 0.225 U	
Arsenic	7440-38-2	mg/kg	18.7	18.9	4.04	18.9	60.3	156	2.59 J	2.25	2.02	1.62	2.50	
Barium	7440-39-3	mg/kg	69.8	40.3	35.1	50.8	211	176	29.6 J	27.5	16.6	19.1	66.3	
Beryllium	7440-41-7	mg/kg	0.205	0.188	0.340	0.543	0.672	1.35	0.172 J	0.455	0.296	0.238	0.263	
Cadmium	7440-43-9	mg/kg	0.0370 J	0.0381 J	0.181 J	< 0.110 U	0.0310 J	0.323	0.0624 J	< 0.107 U	0.0417 J	0.0336 J	0.149 J	
Calcium (Ca)	7440-70-2	mg/kg	624	450	1200	630	723	2150	421 J	486	429	628	5070	
Chromium	7440-47-3	mg/kg	7.20	9.99	10.7	6.49	9.16	30.6	6.71	16.7	10.3	6.59	12.7	
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	—	16.1	—	—	—	
Chromium(VI) (b)	18540-29-9	mg/kg	0.53	0.73	0.78	0.47	0.67	2.2	0.49	—	0.75	0.48	0.93	
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	—	0.68	—	—	—	
Cobalt	7440-48-4	mg/kg	1.71	2.57	2.88	1.62	3.05	7.38	1.97 J	4.38	2.18	2.12	2.44	
Copper	7440-50-8	mg/kg	5.81	9.09	8.95	5.96	12.0	96.9	6.36	6.14	2.86	2.82	64.9	
Iron (Fe)	7439-89-6	mg/kg	12600	19200	11200	11000	17500	19100	6910 J	12500	8890	7430	8680	
Lead	7439-92-1	mg/kg	13.7	11.4	13.6	19.0	22.1	145	29.2 J	5.65	5.03	7.89	677	
Magnesium (Mg)	7439-95-4	mg/kg	695	868	1340	505	188	410	925 J	2640	1160	1560	2140	
Manganese (Mn)	7439-96-5	mg/kg	50.4	90.2	117	32.9	17.2	39.7	88.1 J	93.5	67.7	129	102	
Mercury	7439-97-6	mg/kg	0.0489 J	0.0200 J	0.0165 J	0.152	0.302	0.166	0.0114 J	0.0315 J	0.0310 J	0.0211 J	0.0172 J	
Nickel	7440-02-0	mg/kg	5.49	5.47	7.71	4.23	11.8	21.6	3.99 J	10.6	6.37	4.42	12.5	
Potassium (K)	7440-09-7	mg/kg	636	729	714	594	939	895	555	806	282	686	346	
Selenium	7782-49-2	mg/kg	1.80	1.19	0.417 J	2.05	9.35	15.1	0.287 J	0.380 J	0.220 J	0.156 J	0.219 J	
Silver	7440-22-4	mg/kg	< 0.0465 U	< 0.0454 U	< 0.0382 U	0.0535 J	0.133 J	0.470	0.0280 J	< 0.0537 U	0.0351 J	< 0.0440 U	< 0.0563 U	
Sodium (Na)	7440-23-5	mg/kg	137	104	60.0 J	123	105	193	47.2 J	77.5 J	65.3 J	52.8 J	92.1	
Thallium	7440-28-0	mg/kg	0.190	0.243	0.145 J	0.423	1.35	4.11	0.126 J	0.111 J	0.0719 J	0.0999 J	0.0685 J	
Vanadium	7440-62-2	mg/kg	14.8	17.7	18.8	15.7	19.8	39.5	11.1	24.6	18.7	12.9	13.8	
Zinc	7440-66-6	mg/kg	15.4	15.8	39.1	8.79	11.0	71.9	27.4 J	20.3	15.9	22.2	77.3	
PCBs														
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
SVOCs														
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.037 U	< 0.037 U	< 0.18 U	< 0.039 U	< 0.039 U	< 0.22 U	< 0.035 U	< 0.038 U	< 0.037 U	< 0.036 U	< 0.037 U	
1-Methylnaphthalene	90-12-0	mg/kg	0.89	2.0	0.24	5.0	2.4	9.1	0.16	< 0.0015 U	< 0.0015 U	0.0019	0.0010 J	
2-Chloronaphthalene	91-58-7	mg/kg	< 0.015 U	0.012 J	< 0.073 U	< 0.016 U	< 0.016 U	0.10 J	< 0.014 U	< 0.015 U	< 0.015 U	< 0.014 U	< 0.015 U	
2-Methylnaphthalene	91-57-6	mg/kg	1.1	2.6	0.27	6.6	2.7	21	0.21	< 0.0015 U	0.0012 J	0.0025	0.0022 J-	
2-Methylphenol	95-48-7	mg/kg	< 0.037 U	0.027 J	< 0.18 U	0.10	0.073	< 0.22 U	< 0.035 U	< 0.038 U	< 0.037 U	< 0.036 U	< 0.037 U	
3,4-Methylphenol	108394/106445	mg/kg	< 0.037 U	0.028 J	< 0.18 U	0.092	0.12	< 0.22 U	< 0.035 U	< 0.038 U	< 0.037 U	< 0.036 U	< 0.037 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.037 U	< 0.037 U	< 0.18 U	< 0.039 U	< 0.039 U	< 0.22 U	< 0.035 U	< 0.038 U	< 0.037 U	< 0.036 U	< 0.037 U	
4-Chloroaniline	106-47-8	mg/kg	< 0.075 U	< 0.073 U	< 0.36 U	< 0.078 U	< 0.078 U	< 0.43 U	< 0.070 U	< 0.077 U	< 0.074 U	< 0.072 U	< 0.075 U	
Acenaphthene	83-32-9	mg/kg	0.22	0.48	0.40	0.18	0.10	0.41	0.0073	< 0.0015 U	0.0012 J	0.0017 J	< 0.0015 UJ	
Acenaphthylene	208-96-8	mg/kg	0.032	0.11	0.060 J	0.084	0.090	0.52	0.0042	0.00042 J	0.00096 J	0.00080 J	0.00044 J	
Anthracene	120-12-7	mg/kg	0.46	0.95	0.97	0.095	0.074	0.47	0.014	0.0014 J	0.0024	0.0031	0.0011 J	
Benzaldehyde	100-52-7	mg/kg	0.12 J	< 0.15 U	< 0.73 U	< 0.16 U	< 0.16 U	< 0.87 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	

Notes provided on the last page of tables.

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU06-S010 DU06-S010-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S011 DU06-S011-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S012 DU06-S012-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S013 DU06-S013-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S014 DU06-S014-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S015 DU06-S015-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU06-S016 DU06-S016-00-01 6/12/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S001 DU07-S001-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S002 DU07-S002-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S003 DU07-S003-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S004 DU07-S004-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft
Chemical	CAS	Units											
Benzo(a)anthracene	56-55-3	mg/kg	0.79	1.8	2.1	0.24	0.22	0.10 J	0.071	0.0059	0.016	0.020	0.0088 J-
Benzo(a)pyrene	50-32-8	mg/kg	0.61	1.3	1.7	0.12	0.12	0.044 J	0.076	0.0070	0.018	0.026	0.014 J-
SVOCs Continued													
Benzo(b)fluoranthene	205-99-2	mg/kg	0.83	1.9	2.3	0.22	0.31	0.12	0.16	0.018	0.034	0.048	0.030 J-
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.33	0.76	0.87	0.087	0.22	0.061 J	0.023	0.0019 J	0.0047	0.0068	0.0061 J-
Benzo(k)fluoranthene	207-08-9	mg/kg	0.39	0.87	1.2	0.058	0.061	0.040 J	0.057	0.0051	0.013	0.020	0.010 J-
Benzoic acid	65-85-0	mg/kg	0.33 J	1.0	< 2.7 U	1.1	0.90	2.5 J	< 0.52 U	0.91	< 0.56 U	0.46 J	< 0.56 U
Biphenyl, 1,1'-	92-52-4	mg/kg	0.14	0.33	< 0.18 U	0.75	0.32	1.9	0.021 J	< 0.038 U	< 0.037 U	< 0.036 U	< 0.037 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.15 U	< 0.15 U	< 0.73 U	< 0.16 U	< 0.16 U	< 0.87 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.15 U	< 0.15 U	< 0.73 U	< 0.16 U	< 0.16 U	< 0.87 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U
Caprolactam	105-60-2	mg/kg	< 0.15 U	< 0.15 U	< 0.73 U	< 0.16 U	< 0.16 U	< 0.87 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U
CARBAZOLE	86-74-8	mg/kg	0.13	0.31	0.30	0.12	0.073	0.30	< 0.035 U	< 0.038 U	< 0.037 U	< 0.036 U	< 0.037 U
Chrysene	218-01-9	mg/kg	0.84	1.6	1.9	0.49	0.53	0.22	0.098	0.0076	0.020	0.026	0.015 J-
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.15	0.26	0.28	0.039	0.062	< 0.043 U	0.0086	< 0.0015 U	0.0017 J	0.0025	0.0020 J-
Dibenzofuran	132-64-9	mg/kg	0.28	0.70	0.22	1.2	0.58	2.1	0.043	< 0.038 U	< 0.037 U	< 0.036 U	< 0.037 U
Diethyl phthalate	84-66-2	mg/kg	< 0.15 U	< 0.15 U	< 0.73 U	< 0.16 U	< 0.16 U	< 0.87 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.15 U	< 0.15 U	< 0.73 U	< 0.16 U	< 0.16 U	< 0.87 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.15 U	< 0.15 U	< 0.73 U	< 0.16 U	< 0.16 U	< 0.87 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.15 U	< 0.15 U	< 0.73 U	< 0.16 U	< 0.16 U	< 0.87 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U
Fluoranthene	206-44-0	mg/kg	1.9	3.9	4.7	0.28	0.31	0.38	0.16	0.014	0.037	0.047	0.016 J-
Fluorene	86-73-7	mg/kg	0.23	0.46	0.43	0.25	0.15	0.43	0.0076	< 0.0015 U	0.0013 J	0.0017 J	< 0.0015 UJ
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.33	0.76	0.88	0.049	0.14	0.027 J	0.024	0.0023	0.0058	0.0079	0.0063 J-
Naphthalene	91-20-3	mg/kg	0.65	2.1	0.21	4.0	1.9	6.6	0.14	< 0.0019 U	0.0018 J	0.0025	0.0062 J-
Phenanthrene	85-01-8	mg/kg	1.8	4.0	3.5	2.2	1.4	7.1	0.14	0.0080	0.017	0.023	0.013 J-
Pyrene	129-00-0	mg/kg	1.5	3.4	3.6	0.37	0.33	1.1	0.19	0.015	0.036	0.052	0.017 J-
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.96	2.0	2.5	0.21	0.25	0.074	0.11	0.0099	0.025	0.036	0.021
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	5.8	13	15	1.7	2.0	1.7	0.71	0.064	0.15	0.21	0.11
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	7.3	17	11	19	9.1	46	0.84	0.028	0.064	0.084	0.042
Total PAHs Calculated	CALC-PAH	mg/kg	13	29	26	20	11	48	1.6	0.092	0.21	0.29	0.15

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU07-S005 DU07-S005-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S006 DU07-S006-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S007 DU07-S007-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S008 DU07-S008-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S009 DU07-S009-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S010 DU07-S010-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S011 DU07-S011-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S012 DU07-S012-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S013 DU07-S013-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S014 DU07-S014-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S015 DU07-S015-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	
Chemical	CAS	Units												
General Chemistry														
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	—	—	—	—	—	—
pH	PH	std units	—	—	—	—	—	—	—	—	—	—	—	—
Metals														
Aluminum	7429-90-5	mg/kg	8110	9950	10800	8390	10800	4150	10500	6030	7180	7580	6470	
Antimony	7440-36-0	mg/kg	< 0.202 U	< 0.219 U	< 0.226 U	< 0.172 U	0.139 J	0.184 J	< 0.242 U	< 0.215 U	< 0.207 U	< 0.280 U	< 0.225 U	
Arsenic	7440-38-2	mg/kg	1.95	1.54	1.40	2.27	1.40	2.10	1.79	2.15	1.95	1.90	2.65	
Barium	7440-39-3	mg/kg	18.1	40.2	97.0	20.8	25.1	10.5	8.09	22.5	21.5	25.5	24.2	
Beryllium	7440-41-7	mg/kg	0.230	0.366	0.431	0.280	0.376	0.0898 J	0.150 J	0.228	0.256	0.282	0.228	
Cadmium	7440-43-9	mg/kg	0.0631 J	0.0393 J	0.0677 J	0.0612 J	0.0799 J	0.0930 J	0.0554 J	0.0607 J	0.0526 J	0.116 J	0.0489 J	
Calcium (Ca)	7440-70-2	mg/kg	516	742	1570	890	875	360	350	972	425	735	1430	
Chromium	7440-47-3	mg/kg	11.1	17.7	16.1	9.07	11.9	9.89	8.80	8.46	7.89	7.73	10.0	
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Chromium(VI) (b)	18540-29-9	mg/kg	0.81	1.3	1.2	0.66	0.87	0.72	0.64	0.62	0.58	0.56	0.73	
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Cobalt	7440-48-4	mg/kg	2.10	3.36	4.14	2.52	2.01	0.506	0.611	1.92	1.98	1.56	2.84	
Copper	7440-50-8	mg/kg	4.31	6.61	10.2	4.60	4.74	3.43	2.32	3.93	2.74	24.2	6.81	
Iron (Fe)	7439-89-6	mg/kg	8530	8330	9190	7530	8850	7660	4930	7330	7270	4440	8000	
Lead	7439-92-1	mg/kg	8.98	4.71	7.26	16.3	12.6	12.4	12.0	23.0	9.99	10.6	11.3	
Magnesium (Mg)	7439-95-4	mg/kg	1490	2800	3220	1190	1310	316	465	1000	943	831	1210	
Manganese (Mn)	7439-96-5	mg/kg	70.0	105	181	82.8	62.7	18.0	17.2	95.9	83.1	41.5	94.4	
Mercury	7439-97-6	mg/kg	0.0460 J	< 0.0183 U	0.0171 J	0.0216 J	0.0542 J	0.0621 J	0.0527 J	0.0213 J	0.0201 J	0.0433 J	0.0276 J	
Nickel	7440-02-0	mg/kg	6.85	8.58	10.2	5.47	6.38	3.82	2.75	5.00	4.55	4.96	5.84	
Potassium (K)	7440-09-7	mg/kg	419	1800	2400	471	416	243	235	375	264	350	493	
Selenium	7782-49-2	mg/kg	0.323 J	0.244 J	0.388 J	0.305 J	0.424 J	0.837 J	1.04	0.180 J	0.235 J	0.399 J	0.200 J	
Silver	7440-22-4	mg/kg	0.0366 J	< 0.0546 U	< 0.0566 U	< 0.0430 U	0.0436 J	0.0480 J	< 0.0604 U	< 0.0538 U	< 0.0518 U	< 0.0700 U	0.0342 J	
Sodium (Na)	7440-23-5	mg/kg	94.6	98.6	110	66.6 J	98.5 J	127	77.9 J	67.9 J	55.6 J	91.0 J	107	
Thallium	7440-28-0	mg/kg	0.0782 J	0.145 J	0.202 J	0.0849 J	0.138 J	0.0702 J	0.0789 J	0.0579 J	0.0634 J	0.0881 J	0.0743 J	
Vanadium	7440-62-2	mg/kg	19.6	21.2	25.6	13.3	23.1	13.3	11.1	12.7	13.2	15.2	16.6	
Zinc	7440-66-6	mg/kg	20.8	23.4	32.9	15.7	20.3	10.2	8.98	23.0	20.5	30.9	19.9	
PCBs														
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
SVOCs														
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.042 U	< 0.037 U	< 0.040 U	< 0.037 U	< 0.048 U	< 0.050 U	< 0.049 U	< 0.038 U	< 0.036 U	< 0.050 U	< 0.041 U	
1-Methylnaphthalene	90-12-0	mg/kg	< 0.0084 U	< 0.0015 U	0.0025	< 0.0015 U	0.0014 J	0.0026	0.0083	0.0010 J	0.0022	0.013	0.0029	
2-Chloronaphthalene	91-58-7	mg/kg	< 0.017 U	< 0.015 U	< 0.016 U	< 0.015 U	< 0.019 U	< 0.020 U	< 0.020 U	< 0.015 U	< 0.015 U	< 0.020 U	< 0.016 U	
2-Methylnaphthalene	91-57-6	mg/kg	< 0.0084 U	< 0.0015 U	0.0027	0.00085 J	0.0017 J	0.0042	0.017	0.0014 J	0.0029	0.017	0.0041	
2-Methylphenol	95-48-7	mg/kg	< 0.042 U	< 0.037 U	< 0.040 U	< 0.037 U	< 0.048 U	< 0.050 U	< 0.049 U	< 0.038 U	< 0.036 U	< 0.050 U	< 0.041 U	
3,4-Methylphenol	108394/106445	mg/kg	< 0.042 U	< 0.037 U	< 0.040 U	< 0.037 U	< 0.048 U	< 0.050 U	< 0.049 U	< 0.038 U	< 0.036 U	< 0.050 U	< 0.041 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.042 U	< 0.037 U	< 0.040 U	< 0.037 U	< 0.048 U	< 0.050 U	< 0.049 U	< 0.038 U	< 0.036 U	< 0.050 U	< 0.041 U	
4-Chloroaniline	106-47-8	mg/kg	< 0.084 U	< 0.074 U	< 0.081 U	< 0.074 U	< 0.096 U	< 0.10 U	< 0.098 U	< 0.076 U	< 0.073 U	< 0.099 U	< 0.082 U	
Acenaphthene	83-32-9	mg/kg	0.045	< 0.0015 U	0.057	0.0013 J	0.0031	0.013	0.11	0.0018 J	0.0034	0.089	0.010	
Acenaphthylene	208-96-8	mg/kg	0.0082 J	< 0.0015 U	0.058	0.00064 J	0.0016 J	0.0068	0.0059	0.0013 J	0.012	0.013	0.0025	
Anthracene	120-12-7	mg/kg	0.010 J	< 0.0015 U	0.061	0.0025	0.0093	0.016	0.013	0.0051	0.021	0.24	0.024	
Benzaldehyde	100-52-7	mg/kg	0.27	< 0.15 U	0.18 J	< 0.15 U	< 0.19 U	0.22 J	0.23 J	< 0.15 U	< 0.15 U	0.15 J	< 0.16 U	

Notes provided on the last page of tables.

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU07-S005 DU07-S005-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S006 DU07-S006-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S007 DU07-S007-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S008 DU07-S008-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S009 DU07-S009-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S010 DU07-S010-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S011 DU07-S011-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S012 DU07-S012-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S013 DU07-S013-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S014 DU07-S014-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU07-S015 DU07-S015-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft
Chemical	CAS	Units											
Benzo(a)anthracene	56-55-3	mg/kg	0.042	0.0026	0.092	0.018	0.044	0.077	0.035	0.029	0.066	0.37	0.11
Benzo(a)pyrene	50-32-8	mg/kg	0.042	0.0032	0.090	0.022	0.049	0.080	0.040	0.035	0.070	0.33	0.12
SVOCs Continued													
Benzo(b)fluoranthene	205-99-2	mg/kg	0.086	0.0066	0.32	0.041	0.072	0.18	0.081	0.064	0.16	0.56	0.21
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.010 J	0.00094 J	0.032	0.0064	0.018	0.017	0.011	0.011	0.022	0.074	0.031
Benzo(k)fluoranthene	207-08-9	mg/kg	0.033	0.0027	0.094	0.017	0.026	0.064	0.025	0.026	0.051	0.22	0.081
Benzoic acid	65-85-0	mg/kg	1.8	< 0.55 U	0.38 J	0.55 J	0.61 J	0.99	1.2	0.69	0.35 J	1.2	0.29 J
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.042 U	< 0.037 U	< 0.040 U	< 0.037 U	< 0.048 U	< 0.050 U	< 0.049 U	< 0.038 U	< 0.036 U	< 0.050 U	< 0.041 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.17 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.19 U	< 0.20 U	< 0.20 U	< 0.15 U	< 0.15 U	< 0.20 U	< 0.16 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.19 U	< 0.20 U	< 0.20 U	< 0.15 U	< 0.15 U	< 0.20 U	< 0.16 U
Caprolactam	105-60-2	mg/kg	< 0.17 U	< 0.15 U	0.34	< 0.15 U	< 0.19 U	< 0.20 U	0.060 J	< 0.15 U	< 0.15 U	< 0.20 U	< 0.16 U
CARBAZOLE	86-74-8	mg/kg	< 0.042 U	< 0.037 U	0.042	< 0.037 U	< 0.048 U	< 0.050 U	< 0.049 U	< 0.038 U	< 0.036 U	0.077	< 0.041 U
Chrysene	218-01-9	mg/kg	0.052	0.0034	0.23	0.022	0.051	0.10	0.049	0.034	0.079	0.36	0.12
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.0045 J	< 0.0015 U	0.013	0.0022	0.0063	0.0062	0.0042	0.0038	0.0077	0.025	0.012
Dibenzofuran	132-64-9	mg/kg	< 0.042 U	< 0.037 U	< 0.040 U	< 0.037 U	< 0.048 U	< 0.050 U	0.029 J	< 0.038 U	< 0.036 U	0.055	< 0.041 U
Diethyl phthalate	84-66-2	mg/kg	< 0.17 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.19 U	< 0.20 U	< 0.20 U	< 0.15 U	< 0.15 U	< 0.20 U	< 0.16 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.17 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.19 U	< 0.20 U	< 0.20 U	< 0.15 U	< 0.15 U	< 0.20 U	< 0.16 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.17 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.19 U	< 0.20 U	< 0.20 U	< 0.15 U	< 0.15 U	< 0.20 U	< 0.16 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.17 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.19 U	< 0.20 U	< 0.15 U	0.19 J	< 0.15 U	< 0.15 U	< 0.16 U
Fluoranthene	206-44-0	mg/kg	0.12	0.0057	0.33	0.038	0.12	0.21	0.11	0.063	0.095	1.1	0.26
Fluorene	86-73-7	mg/kg	< 0.0084 U	0.00092 J	0.0076	0.0015 J	0.0030	0.0037	0.016	0.0019 J	0.0031	0.063	0.0080
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.014	0.0010 J	0.042	0.0073	0.021	0.023	0.014	0.012	0.028	0.094	0.037
Naphthalene	91-20-3	mg/kg	0.0075 J	< 0.0018 U	0.0068	0.0013 J	0.0035	0.0078	0.11	0.0022	0.0043	0.022	0.0068
Phenanthrene	85-01-8	mg/kg	0.057	0.0024	0.13	0.017	0.053	0.099	0.067	0.028	0.045	0.95	0.11
Pyrene	129-00-0	mg/kg	0.087	0.0054	0.28	0.037	0.079	0.20	0.077	0.064	0.087	0.80	0.22
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.061	0.0045	0.15	0.031	0.069	0.11	0.057	0.050	0.10	0.46	0.17
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	0.37	0.027	1.2	0.17	0.37	0.75	0.34	0.28	0.57	2.8	0.94
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	0.27	0.015	0.66	0.064	0.20	0.36	0.46	0.11	0.19	2.5	0.43
Total PAHs Calculated	CALC-PAH	mg/kg	0.64	0.042	1.8	0.24	0.56	1.1	0.79	0.38	0.76	5.3	1.4

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU07-S016 DU07-S016-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU09-S001 DU09-S001-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU09-S002 DU09-S002-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU09-S003 DU09-S003-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU09-S003 DU09-S003-00-01D 6/16/2017 FD DU09-S003-00-01 2017 MAY PHASEIII 0 - 1 ft	DU09-S004 DU09-S004-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU09-S005 DU09-S005-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU09-S006 DU09-S006-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU09-S007 DU09-S007-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU09-S008 DU09-S008-00-01 6/16/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU09-S008 DU09-S008-00-01D 6/16/2017 FD DU09-S008-00-01 2017 MAY PHASEIII 0 - 1 ft
Chemical	CAS	Units											
General Chemistry													
Oxidation Reduction Potential	ORP	mV	—	285	—	—	—	—	—	—	—	—	—
pH	PH	std units	—	6.60	—	—	—	—	—	—	—	—	—
Metals													
Aluminum	7429-90-5	mg/kg	7460	13300 J	5550	8290	8170	4600	12100	9590	7380	6650	7420
Antimony	7440-36-0	mg/kg	< 0.176 U	0.244 J	< 0.290 U	0.107 J	0.106 J	0.134 J	0.268 J	0.195 J	< 0.195 U	0.107 J	< 0.193 UJ
Arsenic	7440-38-2	mg/kg	2.07	4.84 J+	2.17	2.82	2.90	2.13	4.05	2.90	3.65	1.96	2.54
Barium	7440-39-3	mg/kg	18.3	40.5 J+	11.9	15.0	13.8	15.3	35.1	20.7	15.1	18.2	20.7
Beryllium	7440-41-7	mg/kg	0.245	0.409	0.118 J	0.251	0.230	0.109 J	0.421	0.274	0.218	0.243	0.269
Cadmium	7440-43-9	mg/kg	0.0408 J	0.0984 J	< 0.145 U	0.0400 J	0.0470 J	< 0.0936 U	0.0934 J	0.0575 J	0.0452 J	< 0.0800 UJ	0.0341 J
Calcium (Ca)	7440-70-2	mg/kg	451	1040 J-	375	498	522	526	675	597	728	482	498
Chromium	7440-47-3	mg/kg	8.48	15.4 J	6.13	11.5	11.5	5.46	14.8	10.8	7.70	8.76	9.80
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	15.4	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	0.62	—	0.45	0.84	0.84	0.40	1.1	0.79	0.56	0.64	0.72
Chromium(VI)	18540-29-9	mg/kg	—	< 0.58 U	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	mg/kg	2.70	3.58	1.04	2.00	1.86	1.02	3.68	1.86	1.44	2.35	2.47
Copper	7440-50-8	mg/kg	3.60	14.7 J	3.88	6.63	6.16	4.11	13.2	8.08	4.34	6.90	7.88
Iron (Fe)	7439-89-6	mg/kg	8720	15200 J	6140	9730	9080	5790	13500	10700	7970	8740 J	13900 J
Lead	7439-92-1	mg/kg	7.23	25.0 J	9.56	15.8	15.4	9.20	29.3	15.9	7.85	10.5	12.3
Magnesium (Mg)	7439-95-4	mg/kg	1120	2270 J	694	1280	1110	633	2160	1400	925	1310	1380
Manganese (Mn)	7439-96-5	mg/kg	100	238 J	56.5	81.3	75.2	101	182	97.3	85.6	133	144
Mercury	7439-97-6	mg/kg	0.0134 J	0.113 J	0.0279 J	0.0778 J	0.0846 J	0.0404 J	0.0579 J	0.0661 J	0.0316 J	0.0265 J	0.0274 J
Nickel	7440-02-0	mg/kg	5.43	8.72 J+	2.66	4.96	4.70	2.39	9.07	5.70	4.15	4.65	5.26
Potassium (K)	7440-09-7	mg/kg	509	1070	357	427	423	292	1020	670	353	661	692
Selenium	7782-49-2	mg/kg	0.165 J	0.532 J	0.211 J	0.382 J	0.383 J	0.203 J	0.365 J	0.356 J	0.257 J	0.209 J	0.246 J
Silver	7440-22-4	mg/kg	< 0.0440 U	0.0584 J	< 0.0724 U	0.0466 J	0.0502 J	0.0343 J	< 0.0544 U	0.0388 J	0.0339 J	< 0.0400 U	< 0.0481 U
Sodium (Na)	7440-23-5	mg/kg	55.8 J	188	95.6 J	80.5	81.3	80.3	115	126	82.8	84.5	99.9
Thallium	7440-28-0	mg/kg	0.0811 J	0.184 J	0.0585 J	0.0791 J	0.0830 J	0.0529 J	0.189 J	0.126 J	0.0613 J	0.106 J	0.0996 J
Vanadium	7440-62-2	mg/kg	13.0	30.9 J	12.9	22.0	20.7	12.9	26.3	22.0	15.4	16.4	18.7
Zinc	7440-66-6	mg/kg	12.1	33.9 J+	10.3	14.9	13.8	11.4	26.2	19.4	13.2	15.9	18.3
PCBs													
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—	—
SVOCs													
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.035 U	—	—	—	—	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	mg/kg	< 0.0014 U	—	—	—	—	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	mg/kg	< 0.014 U	—	—	—	—	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	mg/kg	< 0.0014 U	—	—	—	—	—	—	—	—	—	—
2-Methylphenol	95-48-7	mg/kg	< 0.035 U	—	—	—	—	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	mg/kg	< 0.035 U	—	—	—	—	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.035 U	—	—	—	—	—	—	—	—	—	—
4-Chloroaniline	106-47-8	mg/kg	< 0.070 U	—	—	—	—	—	—	—	—	—	—
Acenaphthene	83-32-9	mg/kg	< 0.0014 U	—	—	—	—	—	—	—	—	—	—
Acenaphthylene	208-96-8	mg/kg	< 0.0014 U	—	—	—	—	—	—	—	—	—	—
Anthracene	120-12-7	mg/kg	0.00054 J	—	—	—	—	—	—	—	—	—	—
Benzaldehyde	100-52-7	mg/kg	< 0.14 U	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	DU07-S016	DU09-S001	DU09-S002	DU09-S003	DU09-S003	DU09-S004	DU09-S005	DU09-S006	DU09-S007	DU09-S008	DU09-S008
	Sample ID	DU07-S016-00-01	DU09-S001-00-01	DU09-S002-00-01	DU09-S003-00-01	DU09-S003-00-01D	DU09-S004-00-01	DU09-S005-00-01	DU09-S006-00-01	DU09-S007-00-01	DU09-S008-00-01	DU09-S008-00-01D
	Sample Date	6/14/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017
	Sample Type Code	N	N	N	N	FD	N	N	N	N	N	FD
	Parent Sample ID					DU09-S003-00-01						DU09-S008-00-01
	Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
	Depth Interval	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
Chemical	CAS	Units										
Benzo(a)anthracene	56-55-3	mg/kg	0.0034	—	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	mg/kg	0.0047	—	—	—	—	—	—	—	—	—
SVOCs Continued												
Benzo(b)fluoranthene	205-99-2	mg/kg	0.0087	—	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.0015 J	—	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	mg/kg	0.0034	—	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	mg/kg	< 0.53 U	—	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.035 U	—	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.14 U	—	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.14 U	—	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	mg/kg	< 0.14 U	—	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	< 0.035 U	—	—	—	—	—	—	—	—	—
Chrysene	218-01-9	mg/kg	0.0043	—	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.0014 U	—	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	—	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	< 0.14 U	—	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	< 0.14 U	—	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.14 U	—	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.14 U	—	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	0.0074	—	—	—	—	—	—	—	—	—
Fluorene	86-73-7	mg/kg	< 0.0014 U	—	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.0017 J	—	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	< 0.0014 U	—	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	0.0036	—	—	—	—	—	—	—	—	—
Pyrene	129-00-0	mg/kg	0.0072	—	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.0064	—	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	0.036	—	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	0.015	—	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	mg/kg	0.050	—	—	—	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID	DU09-S009	DU09-S010	DU09-S011	DU09-S012	DU09-S013	DU09-S014	DU09-S014	DU09-S015	DU09-S016	DU10-S001	DU10-S002		
Sample ID	DU09-S009-00-01	DU09-S010-00-01	DU09-S011-00-01	DU09-S012-00-01	DU09-S013-00-01	DU09-S014-00-01	DU09-S014-00-01D	DU09-S015-00-01	DU09-S016-00-01	DU10-S001-00-01	DU10-S002-00-01		
Sample Date	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/15/2017	6/15/2017		
Sample Type Code	N	N	N	N	N	N	N	N	N	N	N		
Parent Sample ID													
Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII		
Depth Interval	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft		
Chemical	CAS	Units											
General Chemistry													
Oxidation Reduction Potential	ORP	mV	—	—	287	—	—	—	—	—	476	—	
pH	PH	std units	—	—	6.58	—	—	—	—	—	4.28	—	
Metals													
Aluminum	7429-90-5	mg/kg	6300	3820	6040	5540	7580	4980	5080	5530	13000	2830 J+	2340
Antimony	7440-36-0	mg/kg	0.137 J	0.0923 J	< 0.194 U	< 0.198 U	< 0.189 U	< 0.209 U	< 0.182 U	< 0.195 U	< 0.226 U	< 0.176 UJ	0.321 J
Arsenic	7440-38-2	mg/kg	2.33	1.54	2.00	2.67	2.11	1.97	1.85	2.29	3.38	1.16	1.39
Barium	7440-39-3	mg/kg	15.3	12.5	19.6	19.3	14.5	16.4	17.3	16.6	22.0	12.6 J+	29.1
Beryllium	7440-41-7	mg/kg	0.209	0.131 J	0.194	0.219	0.235	0.178 J	0.184	0.199	0.356	0.0473 J	0.0632 J
Cadmium	7440-43-9	mg/kg	0.0519 J	< 0.0957 U	0.0490 J	0.0362 J	0.0518 J	0.0391 J	< 0.0910 UJ	0.0348 J	< 0.113 U	0.0347 J	0.0978 J
Calcium (Ca)	7440-70-2	mg/kg	472	394	813	419	382	473	405	396	398	308	377
Chromium	7440-47-3	mg/kg	7.05	5.17	7.76	7.91	9.23	6.47	6.89	7.67	15.1	4.67	2.75
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	7.3	—	—	—	—	—	—	4.7	—
Chromium(VI) (b)	18540-29-9	mg/kg	0.51	0.38	—	0.58	0.67	0.47	0.50	0.56	1.1	—	0.20
Chromium(VI)	18540-29-9	mg/kg	—	—	0.50	—	—	—	—	—	—	< 0.52 U	—
Cobalt	7440-48-4	mg/kg	1.48	1.27	1.87	2.22	2.15	1.78	1.85	2.10	3.00	0.461	0.989
Copper	7440-50-8	mg/kg	4.91	3.59	5.39	5.28	4.15	4.81	4.73	5.04	5.57	1.37 J	5.05
Iron (Fe)	7439-89-6	mg/kg	7190	5280	7450	8400	9340	7230	7710	8240	13100	1080 J	1370
Lead	7439-92-1	mg/kg	12.0	6.59	8.01	5.35	7.11	5.64	5.33	4.96	8.24	7.41 J	25.5
Magnesium (Mg)	7439-95-4	mg/kg	893	740	1170	1150	1130	1010	1080	1220	1830	304 J	221
Manganese (Mn)	7439-96-5	mg/kg	111	91.5	98.5	84.5	115	85.2	83.8	79.2	85.0	21.1 J+	22.7
Mercury	7439-97-6	mg/kg	0.0443 J	0.0199 J	0.0298 J	< 0.0182 U	0.0281 J	0.0139 J	0.0112 J	< 0.0176 U	0.0330 J	0.0373 J	0.0546 J
Nickel	7440-02-0	mg/kg	3.79	2.68	4.64	4.25	5.10	3.82	3.78	4.52	8.06	1.51	2.42
Potassium (K)	7440-09-7	mg/kg	373	350	530	629	382	708	648	713	913	282 J	497
Selenium	7782-49-2	mg/kg	0.242 J	0.129 J	0.157 J	0.120 J	0.238 J	0.154 J	0.127 J	0.143 J	0.467 J	0.446 J	0.505 J
Silver	7440-22-4	mg/kg	0.0337 J	< 0.0478 U	0.0421 J	< 0.0494 U	< 0.0473 U	< 0.0523 U	< 0.0455 U	< 0.0488 U	< 0.0565 U	0.0378 J	0.101 J
Sodium (Na)	7440-23-5	mg/kg	68.0 J	75.5 J	105	74.9 J	66.1 J	71.6 J	67.5 J	81.3	66.8 J	84.4 J	269
Thallium	7440-28-0	mg/kg	0.0746 J	0.0576 J	0.0900 J	0.0977 J	0.0911 J	0.0887 J	0.0916 J	0.0985 J	0.125 J	0.0376 J	0.0545 J
Vanadium	7440-62-2	mg/kg	14.8	9.60	14.3	14.1	18.1	12.3	13.2	13.5	25.7	5.61 J+	6.02
Zinc	7440-66-6	mg/kg	13.3	11.9	13.8	13.5	13.7	12.4	12.1	12.7	24.6	3.28 J	9.24
PCBs													
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—	—
SVOCs													
1,4-Dichlorobenzene	106-46-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Methylphenol	95-48-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Chloroaniline	106-47-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Acenaphthene	83-32-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Acenaphthylene	208-96-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Anthracene	120-12-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Benzaldehyde	100-52-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID		DU09-S009	DU09-S010	DU09-S011	DU09-S012	DU09-S013	DU09-S014	DU09-S014	DU09-S015	DU09-S016	DU10-S001	DU10-S002
Sample ID		DU09-S009-00-01	DU09-S010-00-01	DU09-S011-00-01	DU09-S012-00-01	DU09-S013-00-01	DU09-S014-00-01	DU09-S014-00-01D	DU09-S015-00-01	DU09-S016-00-01	DU10-S001-00-01	DU10-S002-00-01
Sample Date		6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/16/2017	6/15/2017	6/15/2017
Sample Type Code		N	N	N	N	N	N	FD	N	N	N	N
Parent Sample ID								DU09-S014-00-01				
Task Code		2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
Depth Interval		0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
Chemical	CAS	Units										
Benzo(a)anthracene	56-55-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	mg/kg	—	—	—	—	—	—	—	—	—	—
SVOCs Continued												
Benzo(b)fluoranthene	205-99-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	mg/kg	—	—	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	—	—	—	—	—	—	—	—	—	—
Chrysene	218-01-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Fluorene	86-73-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	—	—	—	—	—	—	—	—	—	—
Pyrene	129-00-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	—	—	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	—	—	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	—	—	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	mg/kg	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	DU10-S003	DU10-S003	DU10-S004	DU10-S005	DU10-S006	DU10-S007	DU10-S008	DU10-S009	DU10-S009	DU10-S010	DU10-S011	
	Sample ID	DU10-S003-00-01	DU10-S003-00-01D	DU10-S004-00-01	DU10-S005-00-01	DU10-S006-00-01	DU10-S007-00-01	DU10-S008-00-01	DU10-S009-00-01	DU10-S009-00-01D	DU10-S010-00-01	DU10-S011-00-01	
	Sample Date	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/19/2017	6/19/2017	6/15/2017	6/15/2017	
	Sample Type Code	N	FD	N	N	N	N	N	N	FD	N	N	
	Parent Sample ID		DU10-S003-00-01							DU10-S009-00-01			
	Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	
	Depth Interval	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	
Chemical	CAS	Units											
General Chemistry													
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	—	—	—	495	
pH	PH	std units	—	—	—	—	—	—	—	—	—	3.57	
Metals													
Aluminum	7429-90-5	mg/kg	3690	2780	8660	8800	5680	3920	4790	2210	1990	3620	4440
Antimony	7440-36-0	mg/kg	< 0.253 UJ	0.216 J	0.0871 J	0.654 J	< 0.677 U	1.02 J	0.271 J	0.121 J	< 0.246 UJ	0.376 J	0.716 J
Arsenic	7440-38-2	mg/kg	1.21	1.27 J	1.41	2.74	1.14 J	1.99 J	2.74	1.14	0.952 J	2.26	1.97
Barium	7440-39-3	mg/kg	8.13 J	12.2 J	10.7	46.5	16.4	72.1	21.6	17.2	15.9	78.0	55.2
Beryllium	7440-41-7	mg/kg	0.0494 J	0.0392 J	0.0859 J	0.198 J	0.216 J	0.124 J	0.153 J	0.0549 J	0.0378 J	0.0702 J	0.126 J
Cadmium	7440-43-9	mg/kg	0.0623 J	< 0.193 UJ	0.0684 J	0.0996 J	< 0.339 U	0.158 J	0.103 J	< 0.129 U	< 0.123 U	< 0.229 U	0.119 J
Calcium (Ca)	7440-70-2	mg/kg	260 J	395 J	731	1770	341	1560	950	259	242	838	1100
Chromium	7440-47-3	mg/kg	4.98 J	3.60 J	11.6	6.93	3.80	4.30	3.61	2.09	2.04	3.30	4.26
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	—	—	—	—	4.3
Chromium(VI) (b)	18540-29-9	mg/kg	0.36 J	0.26 J	0.85	0.51	0.28	0.31	0.26	0.15	0.15	0.24	—
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—	—	—	< 1.1 U
Cobalt	7440-48-4	mg/kg	0.164 J	0.177 J	0.340	1.08	0.255 J	1.12	0.500	0.128 J	0.149 J	1.71	1.29
Copper	7440-50-8	mg/kg	1.22 J	2.29 J	9.09	15.2	7.36	19.1	11.3	1.34	1.51	9.18	16.2
Iron (Fe)	7439-89-6	mg/kg	947	1070	1850	5380	1290	2730	1610	1040	867	3230	3020
Lead	7439-92-1	mg/kg	10.3 J	24.5 J	13.6	38.7	8.61	65.3	19.9	9.20	8.34	23.5	51.0
Magnesium (Mg)	7439-95-4	mg/kg	216	227	282	525	146	487	207	156	179	646	608
Manganese (Mn)	7439-96-5	mg/kg	20.3	16.7	22.6	70.0	8.42	32.8	19.9	17.2	17.6	18.6	20.0
Mercury	7439-97-6	mg/kg	0.0476 J	0.0737 J	0.124 J	0.356	0.327 J	0.289 J	0.285 J	0.0635 J	0.0525 J	0.228 J	0.367
Nickel	7440-02-0	mg/kg	1.22	1.49 J	1.75	4.26	2.58 J	4.75	3.01	1.19 J	0.841 J	3.56	3.91
Potassium (K)	7440-09-7	mg/kg	271 J	381 J	246	602	112 J	470	299	411	443	452	447
Selenium	7782-49-2	mg/kg	0.575 J	0.437 J	1.67	1.79 J	2.41 J	1.59 J	2.11	0.435 J	0.367 J	1.23 J	2.06
Silver	7440-22-4	mg/kg	< 0.0632 UJ	0.0567 J	0.0522 J	0.138 J	< 0.169 U	0.200 J	0.111 J	< 0.0646 UJ	0.0501 J	0.101 J	0.156 J
Sodium (Na)	7440-23-5	mg/kg	115 J	267 J	43.4 J	256	161 J	305	197	228	204	347	374
Thallium	7440-28-0	mg/kg	0.0527 J	0.0513 J	0.0478 J	0.0737 J	< 0.169 U	< 0.183 U	< 0.113 U	0.0449 J	0.0398 J	< 0.115 U	< 0.119 U
Vanadium	7440-62-2	mg/kg	7.04	6.11	7.91	13.0	5.82	12.0	5.99	3.68	3.24	6.15	8.98
Zinc	7440-66-6	mg/kg	5.05 J	6.07 J	7.05	16.4	5.04 J	20.1 J	11.0 J	4.47 J	4.32 J	15.6	12.6 J
PCBs													
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—	—
SVOCs													
1,4-Dichlorobenzene	106-46-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Methylphenol	95-48-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Chloroaniline	106-47-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Acenaphthene	83-32-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Acenaphthylene	208-96-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Anthracene	120-12-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Benzaldehyde	100-52-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID		DU10-S003	DU10-S003	DU10-S004	DU10-S005	DU10-S006	DU10-S007	DU10-S008	DU10-S009	DU10-S009	DU10-S010	DU10-S011
Sample ID		DU10-S003-00-01	DU10-S003-00-01D	DU10-S004-00-01	DU10-S005-00-01	DU10-S006-00-01	DU10-S007-00-01	DU10-S008-00-01	DU10-S009-00-01	DU10-S009-00-01D	DU10-S010-00-01	DU10-S011-00-01
Sample Date		6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/19/2017	6/19/2017	6/15/2017	6/15/2017
Sample Type Code		N	FD	N	N	N	N	N	N	FD	N	N
Parent Sample ID			DU10-S003-00-01							DU10-S009-00-01		
Task Code		2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
Depth Interval		0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
Chemical	CAS	Units										
Benzo(a)anthracene	56-55-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	mg/kg	—	—	—	—	—	—	—	—	—	—
SVOCs Continued												
Benzo(b)fluoranthene	205-99-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	mg/kg	—	—	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	—	—	—	—	—	—	—	—	—	—
Chrysene	218-01-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Fluorene	86-73-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	—	—	—	—	—	—	—	—	—	—
Pyrene	129-00-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	—	—	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	—	—	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	—	—	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	mg/kg	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID	DU10-S012	DU10-S013	DU10-S014	DU10-S015	DU10-S016	DU11-S001	DU11-S002	DU11-S003	DU11-S004	DU11-S005	DU11-S006		
Sample ID	DU10-S012-00-01	DU10-S013-00-01	DU10-S014-00-01	DU10-S015-00-01	DU10-S016-00-01	DU11-S001-00-01	DU11-S002-00-01	DU11-S003-00-01	DU11-S004-00-01	DU11-S005-00-01	DU11-S006-00-01		
Sample Date	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/20/2017		
Parent Sample ID	N	N	N	N	N	N	N	N	N	N	N		
Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII		
Depth Interval	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft		
Chemical	CAS	Units											
General Chemistry													
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	503	—	—	—		
pH	PH	std units	—	—	—	—	—	5.63	—	—	—		
Metals													
Aluminum	7429-90-5	mg/kg	5570	6060	4770	9920	6830	9850	8490 J	6190	10700	9300	9920
Antimony	7440-36-0	mg/kg	< 0.777 U	0.174 J	0.489 J	< 0.613 U	< 0.681 U	0.169 J	< 0.153 U	< 0.189 U	< 0.183 U	< 0.227 U	0.269 J
Arsenic	7440-38-2	mg/kg	1.33 J	1.56	1.97	1.14 J	1.16 J	2.77	2.20 J	3.91	2.20 J	3.92	3.67
Barium	7440-39-3	mg/kg	60.9	16.1	33.8	69.7	35.9	27.1	10.4 J+	33.6	30.0	34.9	53.6
Beryllium	7440-41-7	mg/kg	0.249 J	0.0905 J	0.157 J	0.692	0.209 J	0.342	0.376 J	0.202	0.383	0.358	0.466 J
Cadmium	7440-43-9	mg/kg	< 0.388 U	0.0419 J	0.0985 J	0.195 J	0.128 J	0.0522 J	< 0.0766 U	0.140 J	0.0934 J	0.0676 J	0.292 J
Calcium (Ca)	7440-70-2	mg/kg	1060	269	421	1050	967	854	5170 J	7090	787	1230	2680
Chromium	7440-47-3	mg/kg	3.11	4.92	4.78	5.39	5.42	12.9	6.31 J	10.3	13.0	14.5	8.74
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	12.9	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	0.23	0.36	0.35	0.39	0.40	—	0.46 J	0.75	0.95	1.1	0.64
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	< 0.57 U	—	—	—	—	—
Cobalt	7440-48-4	mg/kg	0.598 J	0.366	0.934	0.768	0.294 J	3.52	1.02	4.40	4.00	3.90	1.26
Copper	7440-50-8	mg/kg	8.43	3.32	11.8	21.3	8.88	37.5	2.11 J	24.6	11.8	10.6	102
Iron (Fe)	7439-89-6	mg/kg	1450	3230	3440	1230	1900	8970	4340 J+	10700	12200	12000	3630
Lead	7439-92-1	mg/kg	7.87	15.6	32.8	9.43	14.1	24.1	5.94 J+	17.5	24.6	13.7	32.8
Magnesium (Mg)	7439-95-4	mg/kg	191	266	394	351	321	1820	854 J	3480	1760	2590	804
Manganese (Mn)	7439-96-5	mg/kg	11.8	17.0	18.3	25.9	16.5	138	28.5 J+	146	162	165	48.9
Mercury	7439-97-6	mg/kg	0.178 J	0.0888 J	0.208	0.213 J	0.173 J	0.0569 J	< 0.0171 U	0.0195 J	0.0283 J	0.0494 J	0.157 J
Nickel	7440-02-0	mg/kg	3.08 J	1.65	3.26	5.28	3.00	6.68	3.30 J	7.99	8.33	9.19	4.48
Potassium (K)	7440-09-7	mg/kg	137 J	227	499	534	329	928	328	746	848	1340	659
Selenium	7782-49-2	mg/kg	1.83 J	0.720 J	1.66	2.49	2.30 J	0.475 J	< 0.153 U	0.428 J	0.475 J	0.265 J	1.52 J
Silver	7440-22-4	mg/kg	< 0.194 U	0.0714 J	0.119 J	< 0.153 U	< 0.170 U	0.0478 J	< 0.0383 U	0.0295 J	0.0280 J	0.0420 J	0.132 J
Sodium (Na)	7440-23-5	mg/kg	142 J	78.7 J	262	416	326	115	481 J	253	< 89.0 U	136	253
Thallium	7440-28-0	mg/kg	< 0.194 U	0.0595 J	0.0559 J	< 0.153 U	< 0.170 U	0.0885 J	0.0418 J	0.111 J	0.130 J	0.117 J	0.189 J
Vanadium	7440-62-2	mg/kg	6.37	10.8	9.06	9.77	5.92	20.7	6.72 J+	18.7	23.1	24.2	12.7
Zinc	7440-66-6	mg/kg	12.6 J	8.13	11.5 J	15.1 J	11.8 J	29.1	7.12 J+	37.0	34.9	29.3	31.6
PCBs													
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—	—
SVOCs													
1,4-Dichlorobenzene	106-46-7	mg/kg	—	—	—	—	—	< 0.047 U	< 0.034 U	< 0.73 U	< 0.038 U	< 0.041 U	< 0.10 UJ
1-Methylnaphthalene	90-12-0	mg/kg	—	—	—	—	—	0.047	0.0032	11	0.031	0.014 J	0.014 J
2-Chloronaphthalene	91-58-7	mg/kg	—	—	—	—	—	< 0.019 U	< 0.014 U	< 0.29 U	< 0.015 U	< 0.016 U	< 0.040 UJ
2-Methylnaphthalene	91-57-6	mg/kg	—	—	—	—	—	0.059	0.0044	12	0.034	0.010 J	0.016 J
2-Methylphenol	95-48-7	mg/kg	—	—	—	—	—	< 0.047 U	< 0.034 U	< 0.73 U	< 0.038 U	< 0.041 U	< 0.10 U
3,4-Methylphenol	108394/106445	mg/kg	—	—	—	—	—	0.031 J	< 0.034 U	< 0.73 U	< 0.038 U	< 0.041 U	< 0.10 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	—	—	—	—	—	< 0.047 U	< 0.034 U	< 0.73 U	< 0.038 U	< 0.041 U	< 0.10 U
4-Chloroaniline	106-47-8	mg/kg	—	—	—	—	—	< 0.093 U	< 0.069 U	< 1.5 U	< 0.076 U	< 0.082 U	< 0.20 U
Acenaphthene	83-32-9	mg/kg	—	—	—	—	—	0.13	0.015	61	0.27	0.099	0.11 J-
Acenaphthylene	208-96-8	mg/kg	—	—	—	—	—	0.052	0.0034	2.0	0.52	0.31	0.48 J-
Anthracene	120-12-7	mg/kg	—	—	—	—	—	0.37	0.046	190	0.63	0.18	0.22 J-
Benzaldehyde	100-52-7	mg/kg	—	—	—	—	—	0.13 J	< 0.14 U	< 2.9 U	< 0.15 U	0.10 J	0.21 J

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU10-S012 DU10-S012-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU10-S013 DU10-S013-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU10-S014 DU10-S014-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU10-S015 DU10-S015-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU10-S016 DU10-S016-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU11-S001 DU11-S001-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU11-S002 DU11-S002-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU11-S003 DU11-S003-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU11-S004 DU11-S004-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU11-S005 DU11-S005-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU11-S006 DU11-S006-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft
Chemical	CAS	Units											
Benzo(a)anthracene	56-55-3	mg/kg	—	—	—	—	—	1.6	0.19	230	1.1	0.54	0.64 J-
Benzo(a)pyrene	50-32-8	mg/kg	—	—	—	—	—	1.7	0.19	180	0.73	0.48	0.58 J-
SVOCs Continued													
Benzo(b)fluoranthene	205-99-2	mg/kg	—	—	—	—	—	2.5	0.32	210	1.1	0.77	0.92 J-
Benzo(g,h,i)perylene	191-24-2	mg/kg	—	—	—	—	—	1.0	0.048	77	0.50	0.32	0.37 J-
Benzo(k)fluoranthene	207-08-9	mg/kg	—	—	—	—	—	1.1	0.12	80	0.46	0.28	0.39 J-
Benzoic acid	65-85-0	mg/kg	—	—	—	—	—	0.40 J	< 0.52 U	< 11 U	< 0.57 U	0.37 J	0.51 J
Biphenyl, 1,1'-	92-52-4	mg/kg	—	—	—	—	—	< 0.047 U	< 0.034 U	3.1	< 0.038 U	< 0.041 U	< 0.10 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	—	—	—	—	—	< 0.19 U	< 0.14 U	< 2.9 U	< 0.15 U	< 0.16 U	< 0.40 UJ
Butyl benzyl phthalate	85-68-7	mg/kg	—	—	—	—	—	< 0.19 U	< 0.14 U	< 2.9 U	< 0.15 U	< 0.16 U	< 0.40 UJ
Caprolactam	105-60-2	mg/kg	—	—	—	—	—	< 0.19 U	< 0.14 U	< 2.9 U	< 0.15 U	< 0.16 U	< 0.40 UJ
CARBAZOLE	86-74-8	mg/kg	—	—	—	—	—	0.16	0.017 J	33	0.15	0.079	0.11 J-
Chrysene	218-01-9	mg/kg	—	—	—	—	—	1.9	0.18	210	0.97	0.54	0.76 J-
Dibenz(a,h)anthracene	53-70-3	mg/kg	—	—	—	—	—	0.32	0.020	27	0.15	0.10	0.12 J-
Dibenzofuran	132-64-9	mg/kg	—	—	—	—	—	0.059	< 0.034 U	45	0.085	0.028 J	< 0.10 UJ
Diethyl phthalate	84-66-2	mg/kg	—	—	—	—	—	< 0.19 U	< 0.14 U	< 2.9 U	< 0.15 U	< 0.16 U	< 0.40 UJ
Dimethyl phthalate	131-11-3	mg/kg	—	—	—	—	—	< 0.19 U	< 0.14 U	< 2.9 U	< 0.15 U	< 0.16 U	< 0.40 UJ
Di-n-butyl phthalate	84-74-2	mg/kg	—	—	—	—	—	< 0.19 U	< 0.14 U	< 2.9 U	< 0.15 U	< 0.16 U	< 0.40 UJ
Di-n-octyl phthalate	117-84-0	mg/kg	—	—	—	—	—	< 0.19 U	< 0.14 U	< 2.9 U	< 0.15 U	< 0.16 U	< 0.40 UJ
Fluoranthene	206-44-0	mg/kg	—	—	—	—	—	3.5	0.42	650	2.6	1.3	1.5 J-
Fluorene	86-73-7	mg/kg	—	—	—	—	—	0.13	0.016	78	0.32	0.10	0.11 J-
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	—	—	—	—	—	1.0	0.060	83	0.44	0.31	0.39 J-
Naphthalene	91-20-3	mg/kg	—	—	—	—	—	0.072	0.0077	19	0.033	0.018 J	0.034 J
Phenanthrene	85-01-8	mg/kg	—	—	—	—	—	1.6	0.18	530	2.0	0.63	0.69 J-
Pyrene	129-00-0	mg/kg	—	—	—	—	—	2.9	0.31	450	2.0	1.0	1.3 J-
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	—	—	—	—	—	2.5	0.27	260	1.1	0.75	0.90
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	—	—	—	—	—	14	1.4	1500	7.5	4.3	5.5
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	—	—	—	—	—	6.0	0.70	1600	6.4	2.7	3.2
Total PAHs Calculated	CALC-PAH	mg/kg	—	—	—	—	—	20	2.1	3100	14	7.0	8.6

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU11-S007 DU11-S007-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU11-S008 DU11-S008-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU11-S009 DU11-S009-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU11-S010 DU11-S010-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU11-S011 DU11-S011-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU11-S012 DU11-S012-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU11-S013 DU11-S013-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU11-S014 DU11-S014-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU11-S015 DU11-S015-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU11-S016 DU11-S016-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU12-S001 DU12-S001-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	
Chemical	CAS	Units												
Benzo(a)anthracene	56-55-3	mg/kg	0.28	0.038	0.089	0.32	0.031	0.045	0.095	0.053	0.031	0.052 J-	180	
Benzo(a)pyrene	50-32-8	mg/kg	0.20	0.040	0.068	0.25	0.031	0.050	0.11	0.056	0.034	0.047 J-	150	
SVOCs Continued														
Benzo(b)fluoranthene	205-99-2	mg/kg	0.31	0.072	0.090	0.56	0.072	0.095	0.16	0.12	0.074	0.12 J-	200	
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.12	0.010	0.044	0.18	0.0078	0.012	0.057	0.013	0.0080	0.0080 J-	74	
Benzo(k)fluoranthene	207-08-9	mg/kg	0.16	0.035	0.055	0.22	0.024	0.039	0.096	0.041	0.026	0.038 J-	90	
Benzoic acid	65-85-0	mg/kg	0.77	< 0.57 U	< 0.57 U	0.32 J	0.21 J	< 0.56 U	< 0.55 U	< 0.60 U	0.25 J	0.46 J	< 5.2 U	
Biphenyl, 1,1'-	92-52-4	mg/kg	0.057	< 0.038 U	< 0.038 U	< 0.045 U	< 0.039 U	< 0.037 U	< 0.036 U	< 0.040 U	< 0.039 U	< 0.041 U	3.8	
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.18 U	< 0.15 U	< 0.15 U	< 0.18 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.16 U	< 0.16 U	< 1.4 U	
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.18 U	< 0.15 U	< 0.15 U	< 0.18 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.16 U	< 0.16 U	< 1.4 U	
Caprolactam	105-60-2	mg/kg	< 0.18 U	< 0.15 U	< 0.15 U	< 0.18 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.16 U	< 0.16 U	< 1.4 U	
CARBAZOLE	86-74-8	mg/kg	0.050	< 0.038 U	< 0.038 U	0.077	< 0.039 U	< 0.037 U	< 0.036 U	< 0.040 U	< 0.039 U	< 0.041 U	25	
Chrysene	218-01-9	mg/kg	0.34	0.041	0.083	0.46	0.041	0.037	0.054	0.10	0.061	0.037	0.061 J-	150
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.044	0.0039	0.011 J	0.055	0.0033	0.0048	0.042	0.0053	0.0032	0.0039 J-	25	
Dibenzofuran	132-64-9	mg/kg	0.10	< 0.038 U	< 0.038 U	< 0.045 U	< 0.039 U	< 0.037 U	< 0.036 U	< 0.040 U	< 0.039 U	< 0.041 U	39	
Diethyl phthalate	84-66-2	mg/kg	< 0.18 U	< 0.15 U	< 0.15 U	< 0.18 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.16 U	< 0.16 U	< 1.4 U	
Dimethyl phthalate	131-11-3	mg/kg	< 0.18 U	< 0.15 U	< 0.15 U	< 0.18 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.16 U	< 0.16 U	< 1.4 U	
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.18 U	< 0.15 U	< 0.15 U	< 0.18 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.16 U	< 0.16 U	< 1.4 U	
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.18 U	< 0.15 U	< 0.15 U	< 0.18 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.16 U	< 0.16 U	< 1.4 U	
Fluoranthene	206-44-0	mg/kg	0.67	0.085	0.18	0.77	0.066	0.10	0.18	0.12	0.071	0.11 J-	400	
Fluorene	86-73-7	mg/kg	0.060	0.0037	0.014 J	0.035	0.0027	0.0041	0.0068	0.0056	0.0027	0.0081 J-	75	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.12	0.012	0.039	0.19	0.010	0.014	0.047	0.016	0.0097	0.012 J-	75	
Naphthalene	91-20-3	mg/kg	0.32	0.0025	0.006 J	0.022 J	0.0018 J	0.0033	0.0014 J	0.0034	0.0017 J	0.0050 J-	24	
Phenanthrene	85-01-8	mg/kg	0.48	0.044	0.075	0.23	0.035	0.052	0.079	0.065	0.038	0.069 J-	350	
Pyrene	129-00-0	mg/kg	0.53	0.072	0.16	0.66	0.072	0.080	0.12	0.19	0.14	0.087	0.16 J-	310
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.32	0.056	0.10	0.41	0.046	0.071	0.18	0.081	0.049	0.070	220	
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	2.1	0.32	0.64	2.9	0.30	0.43	0.90	0.51	0.31	0.50	1300	
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	2.7	0.15	0.38	1.4	0.12	0.18	0.30	0.22	0.13	0.22	1100	
Total PAHs Calculated	CALC-PAH	mg/kg	4.8	0.48	1.0	4.3	0.42	0.61	1.2	0.72	0.44	0.72	2300	

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval	DU12-S002	DU12-S003	DU12-S004	DU12-S005	DU12-S006	DU12-S007	DU12-S008	DU12-S009	DU12-S010	DU12-S011	DU12-S012		
	DU12-S002-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU12-S003-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU12-S004-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU12-S005-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU12-S006-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU12-S007-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU12-S008-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU12-S009-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU12-S010-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU12-S011-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU12-S012-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft		
Chemical	CAS	Units											
General Chemistry													
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	—	—	—		
pH	PH	std units	—	—	—	—	—	—	—	—	—		
Metals													
Aluminum	7429-90-5	mg/kg	—	—	—	—	—	—	—	—	—		
Antimony	7440-36-0	mg/kg	—	—	—	—	—	—	—	—	—		
Arsenic	7440-38-2	mg/kg	—	—	—	—	—	—	—	—	—		
Barium	7440-39-3	mg/kg	—	—	—	—	—	—	—	—	—		
Beryllium	7440-41-7	mg/kg	—	—	—	—	—	—	—	—	—		
Cadmium	7440-43-9	mg/kg	—	—	—	—	—	—	—	—	—		
Calcium (Ca)	7440-70-2	mg/kg	—	—	—	—	—	—	—	—	—		
Chromium	7440-47-3	mg/kg	—	—	—	—	—	—	—	—	—		
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	—	—	—		
Chromium(VI) (b)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—	—		
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—	—		
Cobalt	7440-48-4	mg/kg	—	—	—	—	—	—	—	—	—		
Copper	7440-50-8	mg/kg	—	—	—	—	—	—	—	—	—		
Iron (Fe)	7439-89-6	mg/kg	—	—	—	—	—	—	—	—	—		
Lead	7439-92-1	mg/kg	—	—	—	—	—	—	—	—	—		
Magnesium (Mg)	7439-95-4	mg/kg	—	—	—	—	—	—	—	—	—		
Manganese (Mn)	7439-96-5	mg/kg	—	—	—	—	—	—	—	—	—		
Mercury	7439-97-6	mg/kg	—	—	—	—	—	—	—	—	—		
Nickel	7440-02-0	mg/kg	—	—	—	—	—	—	—	—	—		
Potassium (K)	7440-09-7	mg/kg	—	—	—	—	—	—	—	—	—		
Selenium	7782-49-2	mg/kg	—	—	—	—	—	—	—	—	—		
Silver	7440-22-4	mg/kg	—	—	—	—	—	—	—	—	—		
Sodium (Na)	7440-23-5	mg/kg	—	—	—	—	—	—	—	—	—		
Thallium	7440-28-0	mg/kg	—	—	—	—	—	—	—	—	—		
Vanadium	7440-62-2	mg/kg	—	—	—	—	—	—	—	—	—		
Zinc	7440-66-6	mg/kg	—	—	—	—	—	—	—	—	—		
PCBs													
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—		
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—		
SVOCs													
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.17 U	< 0.18 U	< 0.36 U	< 0.17 U	< 0.18 U	< 0.036 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.039 U	< 0.040 U
1-Methylnaphthalene	90-12-0	mg/kg	1.9	1.3	3.1	3.8	0.099	0.066	9.9	0.046 J	0.040 J	0.075	0.023
2-Chloronaphthalene	91-58-7	mg/kg	< 0.068 U	< 0.072 U	< 0.14 U	< 0.068 U	< 0.073 U	< 0.014 U	< 0.072 U	< 0.072 U	< 0.072 U	< 0.015 U	< 0.016 U
2-Methylnaphthalene	91-57-6	mg/kg	2.4	1.6	3.5	6.3	0.10	0.062	15	0.049 J	0.054 J	0.077	0.030
2-Methylphenol	95-48-7	mg/kg	< 0.17 U	< 0.18 U	< 0.36 U	< 0.17 U	< 0.18 U	< 0.036 U	0.12 J	< 0.18 U	< 0.18 U	< 0.039 U	< 0.040 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.17 U	< 0.18 U	< 0.36 U	0.094 J	< 0.18 U	< 0.036 U	0.33	< 0.18 U	< 0.18 U	< 0.039 U	< 0.040 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.17 U	< 0.18 U	< 0.36 U	< 0.17 U	< 0.18 U	< 0.036 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.039 U	< 0.040 U
4-Chloroaniline	106-47-8	mg/kg	< 0.34 U	< 0.36 U	< 0.71 U	< 0.34 U	< 0.36 U	< 0.072 U	< 0.36 U	< 0.36 U	< 0.36 U	< 0.077 U	< 0.080 U
Acenaphthene	83-32-9	mg/kg	11	7.3	29	11	0.51	0.33	56	0.25	0.094	0.49	0.066
Acenaphthylene	208-96-8	mg/kg	1.9	0.94	2.3	0.88	0.090 J	0.038	3.3	0.092	0.12	0.11	0.025
Anthracene	120-12-7	mg/kg	49	20	92	30	1.9	0.79	130	1.1	0.30	2.4	0.18
Benzaldehyde	100-52-7	mg/kg	< 0.68 U	< 0.72 U	< 1.4 U	< 0.68 U	< 0.73 U	< 0.14 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.15 U	0.14 J

Notes provided on the last page of tables.

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU12-S002 DU12-S002-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU12-S003 DU12-S003-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU12-S004 DU12-S004-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU12-S005 DU12-S005-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU12-S006 DU12-S006-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU12-S007 DU12-S007-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU12-S008 DU12-S008-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU12-S009 DU12-S009-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU12-S010 DU12-S010-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU12-S011 DU12-S011-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU12-S012 DU12-S012-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft
Chemical	CAS	Units											
Benzo(a)anthracene	56-55-3	mg/kg	93	32	140	33	6.0	2.4	160	4.4	1.1	5.2	0.54
Benzo(a)pyrene	50-32-8	mg/kg	77	27	110	27	5.7	2.4	130	4.4	2.1	4.1	0.54
SVOCs Continued													
Benzo(b)fluoranthene	205-99-2	mg/kg	110	34	150	38	8.2	2.8	180	6.4	2.7	6.4	0.80
Benzo(g,h,i)perylene	191-24-2	mg/kg	39	13	58	12	3.2	1.3	69	2.5	1.8	2.3	0.32
Benzo(k)fluoranthene	207-08-9	mg/kg	46	14	42	12	3.2	1.4	74	2.3	1.2	2.6	0.33
Benzoic acid	65-85-0	mg/kg	< 2.5 U	< 2.7 U	< 5.3 U	< 2.6 U	< 2.7 U	< 0.54 U	< 2.7 U	< 2.7 U	< 2.7 U	< 0.58 U	< 0.60 U
Biphenyl, 1,1'-	92-52-4	mg/kg	0.51	0.52	0.68	1.8	< 0.18 U	0.023 J	5.8	< 0.18 U	< 0.18 U	0.028 J	0.028 J
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.68 U	< 0.72 U	< 1.4 U	< 0.68 U	< 0.73 U	< 0.14 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.15 U	< 0.16 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.68 U	< 0.72 U	< 1.4 U	< 0.68 U	< 0.73 U	< 0.14 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.15 U	< 0.16 U
Caprolactam	105-60-2	mg/kg	< 0.68 U	< 0.72 U	< 1.4 U	< 0.68 U	< 0.73 U	< 0.14 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.15 U	< 0.16 U
CARBAZOLE	86-74-8	mg/kg	5.1	3.5	12	8.0	0.45	0.27	32	0.32	0.15 J	0.53	0.053
Chrysene	218-01-9	mg/kg	80	28	120	30	5.8	2.2	140	4.2	1.3	4.2	0.57
Dibenz(a,h)anthracene	53-70-3	mg/kg	13	4.5	21	4.0	1.0	0.40	22	0.78	0.46	0.70	0.10
Dibenzofuran	132-64-9	mg/kg	8.3	6.5	22	11	0.32	0.22	50	0.15 J	< 0.18 U	0.32	0.047
Diethyl phthalate	84-66-2	mg/kg	< 0.68 U	< 0.72 U	< 1.4 U	< 0.68 U	< 0.73 U	< 0.14 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.15 U	< 0.16 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.68 U	< 0.72 U	< 1.4 U	< 0.68 U	< 0.73 U	< 0.14 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.15 U	< 0.16 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.68 U	< 0.72 U	< 1.4 U	< 0.68 U	< 0.73 U	< 0.14 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.15 U	< 0.16 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.68 U	< 0.72 U	< 1.4 U	< 0.68 U	< 0.73 U	< 0.14 U	< 0.72 U	< 0.72 U	< 0.72 U	< 0.15 U	< 0.16 U
Fluoranthene	206-44-0	mg/kg	200	75	340	75	13	5.3	400	9.1	2.4	12	1.2
Fluorene	86-73-7	mg/kg	15	11	40	16	0.62	0.42	81	0.32	0.12	0.75	0.081
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	41	13	61	12	3.3	1.3	71	2.4	1.8	2.4	0.32
Naphthalene	91-20-3	mg/kg	4.2	2.3	2.7	14	0.14	0.079	34	0.078 J	0.057 J	0.16	0.087
Phenanthrene	85-01-8	mg/kg	110	63	270	82	6.2	3.3	420	3.9	1.0	8.3	0.83
Pyrene	129-00-0	mg/kg	160	58	260	59	10	4.2	320	7.4	3.0	8.9	1.0
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	110	40	170	39	8.5	3.5	190	6.5	3.1	6.2	0.81
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	660	220	960	230	46	18	1200	35	15	37	4.5
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	400	180	780	240	23	10	1100	15	4.2	24	2.5
Total PAHs Calculated	CALC-PAH	mg/kg	1100	410	1700	470	69	29	2300	50	20	61	7.0

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval	DU12-S013	DU12-S014	DU12-S015	DU12-S016	DU13-S001	DU13-S002	DU13-S002	DU13-S003	DU13-S004	DU13-S005	DU13-S006
	DU12-S013-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU12-S014-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU12-S015-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU12-S016-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU13-S001-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU13-S002-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU13-S002-00-01D 6/20/2017 FD DU13-S002-00-01 2017 MAY PHASEIII 0 - 1 ft	DU13-S003-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU13-S004-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU13-S005-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU13-S006-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft
Chemical	CAS	Units									
General Chemistry											
Oxidation Reduction Potential	ORP	mV	—	—	—	375	—	—	—	—	—
pH	PH	std units	—	—	—	5.90	—	—	—	—	—
Metals											
Aluminum	7429-90-5	mg/kg	—	—	—	8820 J+	7930	6650	9220	8330	6940
Antimony	7440-36-0	mg/kg	—	—	—	< 0.203 UJ	< 0.198 U	< 0.150 U	< 0.181 U	< 0.181 U	< 0.148 U
Arsenic	7440-38-2	mg/kg	—	—	—	2.20	1.89	2.05	9.84	2.23	1.64
Barium	7440-39-3	mg/kg	—	—	—	38.0 J+	31.1	26.8	27.7	28.5	21.3
Beryllium	7440-41-7	mg/kg	—	—	—	0.367	0.279	0.246	0.334	0.320	0.254
Cadmium	7440-43-9	mg/kg	—	—	—	< 0.101 U	< 0.0992 U	< 0.0748 U	0.0513 J	0.0551 J	0.0859 J
Calcium (Ca)	7440-70-2	mg/kg	—	—	—	720 J	1120 J	742 J	523	1630	751
Chromium	7440-47-3	mg/kg	—	—	—	13.8 J+	13.4	11.8	12.6	12.6	9.25
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	13.4	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	—	—	—	—	0.98	0.86	0.92	0.92	0.68
Chromium(VI)	18540-29-9	mg/kg	—	—	—	0.42 J	—	—	—	—	—
Cobalt	7440-48-4	mg/kg	—	—	—	4.98	3.39	3.38	2.93	3.28	2.56
Copper	7440-50-8	mg/kg	—	—	—	8.27	6.68	5.62	16.3	7.07	5.27
Iron (Fe)	7439-89-6	mg/kg	—	—	—	10700 J+	10100	8290	9850	9210	8420
Lead	7439-92-1	mg/kg	—	—	—	3.48	4.19	3.57	9.94	9.09	13.9
Magnesium (Mg)	7439-95-4	mg/kg	—	—	—	2640 J+	2690	2240	1780	2390	1430
Manganese (Mn)	7439-96-5	mg/kg	—	—	—	131 J+	119	104	108	106	95.1
Mercury	7439-97-6	mg/kg	—	—	—	< 0.0178 U	< 0.0202 U	< 0.0171 U	0.0699 J	0.0971 J	0.0196 J
Nickel	7440-02-0	mg/kg	—	—	—	10.8	8.65 J	6.15 J	6.62	8.82	5.49
Potassium (K)	7440-09-7	mg/kg	—	—	—	1590 J+	1560	1310	912	875	726
Selenium	7782-49-2	mg/kg	—	—	—	< 0.203 UJ	< 0.198 U	< 0.150 U	0.195 J	0.184 J	0.168 J
Silver	7440-22-4	mg/kg	—	—	—	< 0.0507 U	< 0.0496 U	< 0.0374 U	< 0.0452 U	0.0314 J	< 0.0370 U
Sodium (Na)	7440-23-5	mg/kg	—	—	—	126	166	133	80.3	85.8	86.6
Thallium	7440-28-0	mg/kg	—	—	—	0.128 J	0.135 J	0.0937 J	0.0898 J	0.108 J	0.0738 J
Vanadium	7440-62-2	mg/kg	—	—	—	20.7 J+	20.6	16.3	16.1	19.3	16.5
Zinc	7440-66-6	mg/kg	—	—	—	20.1 J+	17.3	16.3	22.6	30.7	16.9
PCBs											
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—
SVOCs											
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.039 U	< 0.047 U	< 0.036 U	< 0.038 U	—	—	—	—	—
1-Methylnaphthalene	90-12-0	mg/kg	0.015 J	0.019	0.0077	0.0089	—	—	—	—	—
2-Chloronaphthalene	91-58-7	mg/kg	< 0.015 U	< 0.019 U	< 0.014 U	< 0.015 U	—	—	—	—	—
2-Methylnaphthalene	91-57-6	mg/kg	0.023	0.029	0.012	0.010	—	—	—	—	—
2-Methylphenol	95-48-7	mg/kg	< 0.039 U	< 0.047 U	< 0.036 U	< 0.038 U	—	—	—	—	—
3,4-Methylphenol	108394/106445	mg/kg	< 0.039 U	< 0.047 U	< 0.036 U	< 0.038 U	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.039 U	< 0.047 U	< 0.036 U	< 0.038 U	—	—	—	—	—
4-Chloroaniline	106-47-8	mg/kg	< 0.077 U	< 0.094 U	< 0.072 U	< 0.077 U	—	—	—	—	—
Acenaphthene	83-32-9	mg/kg	0.022	0.0041	0.0032	0.023	—	—	—	—	—
Acenaphthylene	208-96-8	mg/kg	0.014 J	0.0017 J	0.0011 J	0.017	—	—	—	—	—
Anthracene	120-12-7	mg/kg	0.078	0.010	0.011	0.051	—	—	—	—	—
Benzaldehyde	100-52-7	mg/kg	< 0.15 U	< 0.19 U	< 0.14 U	< 0.15 U	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID		DU12-S013	DU12-S014	DU12-S015	DU12-S016	DU13-S001	DU13-S002	DU13-S002	DU13-S003	DU13-S004	DU13-S005	DU13-S006
Sample ID		DU12-S013-00-01	DU12-S014-00-01	DU12-S015-00-01	DU12-S016-00-01	DU13-S001-00-01	DU13-S002-00-01	DU13-S002-00-01D	DU13-S003-00-01	DU13-S004-00-01	DU13-S005-00-01	DU13-S006-00-01
Sample Date		6/13/2017	6/13/2017	6/13/2017	6/14/2017	6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/20/2017
Sample Type Code		N	N	N	N	N	N	FD	N	N	N	N
Parent Sample ID								DU13-S002-00-01				
Task Code		2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
Depth Interval		0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
Chemical	CAS	Units										
Benzo(a)anthracene	56-55-3	mg/kg	0.35	0.055	0.038	0.16	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	mg/kg	0.33	0.065	0.043	0.17	—	—	—	—	—	—
SVOCs Continued												
Benzo(b)fluoranthene	205-99-2	mg/kg	0.47	0.12	0.082	0.26	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.19	0.020	0.016	0.053	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	mg/kg	0.27	0.056	0.031	0.12	—	—	—	—	—	—
Benzoic acid	65-85-0	mg/kg	< 0.58 U	< 0.71 U	< 0.54 U	0.33 J	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.039 U	< 0.047 U	< 0.036 U	< 0.038 U	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.15 U	< 0.19 U	< 0.14 U	< 0.15 U	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.15 U	< 0.19 U	< 0.14 U	< 0.15 U	—	—	—	—	—	—
Caprolactam	105-60-2	mg/kg	< 0.15 U	< 0.19 U	< 0.14 U	< 0.15 U	—	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	0.030 J	< 0.047 U	< 0.036 U	0.028 J	—	—	—	—	—	—
Chrysene	218-01-9	mg/kg	0.35	0.066	0.043	0.19	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.062	0.0076	0.0057	0.018	—	—	—	—	—	—
Dibenzofuran	132-64-9	mg/kg	< 0.039 U	< 0.047 U	< 0.036 U	< 0.038 U	—	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	< 0.15 U	< 0.19 U	< 0.14 U	< 0.15 U	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	< 0.15 U	< 0.19 U	< 0.14 U	< 0.15 U	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.15 U	< 0.19 U	< 0.14 U	< 0.15 U	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.15 U	< 0.19 U	< 0.14 U	< 0.15 U	—	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	0.71	0.10	0.072	0.38	—	—	—	—	—	—
Fluorene	86-73-7	mg/kg	0.031	0.0065	0.0049	0.023	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.20	0.024	0.017	0.053	—	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	0.028	0.023	0.0085	0.013	—	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	0.33	0.055	0.042	0.24	—	—	—	—	—	—
Pyrene	129-00-0	mg/kg	0.58	0.11	0.068	0.43	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.50	0.093	0.063	0.24	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	2.8	0.52	0.34	1.5	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	1.3	0.25	0.16	0.77	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	mg/kg	4.1	0.77	0.51	2.2	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU13-S007 DU13-S007-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU13-S008 DU13-S008-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU13-S009 DU13-S009-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU13-S009 DU13-S009-00-01D 6/20/2017 FD DU13-S009-00-01 2017 MAY PHASEIII 0 - 1 ft	DU13-S010 DU13-S010-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU13-S011 DU13-S011-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU13-S012 DU13-S012-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU13-S013 DU13-S013-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU13-S014 DU13-S014-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU13-S015 DU13-S015-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU13-S015 DU13-S015-00-01D 6/20/2017 FD DU13-S015-00-01 2017 MAY PHASEIII 0 - 1 ft	
Chemical	CAS	Units												
General Chemistry														
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	418	—	—	—	—	—	
pH	PH	std units	—	—	—	—	—	5.49	—	—	—	—	—	
Metals														
Aluminum	7429-90-5	mg/kg	6920	8120	7930	9100	9380	7440	7050	3970	7530	6870	6910	
Antimony	7440-36-0	mg/kg	< 0.170 U	< 0.203 U	< 0.160 U	< 0.166 U	< 0.152 U	< 0.177 U	< 0.211 U	0.185 J	< 0.198 U	< 0.152 U	< 0.184 U	
Arsenic	7440-38-2	mg/kg	2.54	5.86	2.43 J	1.64 J	2.20	2.10	1.94	1.74	2.46	1.79	1.89	
Barium	7440-39-3	mg/kg	21.9	25.4	33.3	29.5	40.4	27.2	28.7	24.1	21.2	28.1	27.6	
Beryllium	7440-41-7	mg/kg	0.278	0.302	0.380	0.295	0.399	0.338	0.294	0.176 J	0.342	0.277	0.283	
Cadmium	7440-43-9	mg/kg	< 0.0850 U	< 0.102 U	0.0445 J	0.0380 J	< 0.0760 U	< 0.0883 U	< 0.106 U	0.134 J	< 0.0992 U	< 0.0762 U	< 0.0918 U	
Calcium (Ca)	7440-70-2	mg/kg	684	752	656 J	476 J	572	485	607	694	603	382	421	
Chromium	7440-47-3	mg/kg	10.2	11.4	11.9 J	24.0 J	15.5	12.4	10.7	3.80	10.8	10.4	10.6	
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	11.9	—	—	—	—	—	
Chromium(VI) (b)	18540-29-9	mg/kg	0.74	0.83	0.87 J	1.8 J	1.1	—	0.78	0.28	0.79	0.76	0.77	
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	0.51	—	—	—	—	—	
Cobalt	7440-48-4	mg/kg	3.27	2.61	4.07	4.74	4.61	3.65	3.18	0.665	3.85	3.16	3.39	
Copper	7440-50-8	mg/kg	5.44	12.4	7.98	6.96	8.02	6.94	6.27	5.46	5.58	6.18	6.46	
Iron (Fe)	7439-89-6	mg/kg	8590	8570	9970	12900	11700	10500	9730	3920	10300	9640	10000	
Lead	7439-92-1	mg/kg	9.92	7.89	4.39	3.95	3.66	3.92	4.26	11.5	3.80	3.33	3.36	
Magnesium (Mg)	7439-95-4	mg/kg	1650	1620	2080 J	4000 J	2580	2090	1850	654	1650	1770	1720	
Manganese (Mn)	7439-96-5	mg/kg	109	96.2	128 J	251 J	151	117	140	40.9	115	130	123	
Mercury	7439-97-6	mg/kg	0.0908 J	0.104 J	0.0129 J	0.0125 J	< 0.0173 U	< 0.0174 U	0.0154 J	0.0971 J	< 0.0172 U	< 0.0182 U	< 0.0178 U	
Nickel	7440-02-0	mg/kg	5.65	6.03	6.81 J	13.1 J	8.99	6.51	6.41	2.17	6.67	6.74	6.55	
Potassium (K)	7440-09-7	mg/kg	872	809	1170	1400	1510	1230	1100	379	898	1100	1140	
Selenium	7782-49-2	mg/kg	0.128 J	0.171 J	0.133 J	0.0981 J	0.100 J	0.106 J	0.123 J	0.302 J	0.151 J	0.102 J	0.136 J	
Silver	7440-22-4	mg/kg	< 0.0425 U	< 0.0508 U	< 0.0399 U	< 0.0415 U	< 0.0380 U	< 0.0442 U	< 0.0528 U	0.0635 J	< 0.0496 U	< 0.0381 U	< 0.0459 U	
Sodium (Na)	7440-23-5	mg/kg	93.9	77.3 J	101	79.8	101	98.0	99.9	149	96.3	78.0	79.8	
Thallium	7440-28-0	mg/kg	0.0828 J	0.0937 J	0.100 J	0.108 J	0.126 J	0.125 J	0.105 J	0.0523 J	0.0990 J	0.122 J	0.106 J	
Vanadium	7440-62-2	mg/kg	16.1	16.8	19.9	24.6	21.1	20.0	16.6	11.6	17.4	17.2	17.9	
Zinc	7440-66-6	mg/kg	17.8	23.1	20.0 J	28.9 J	20.7	18.7	18.7	18.5	17.0	16.5	16.5	
PCBs														
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
SVOCs														
1,4-Dichlorobenzene	106-46-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1-Methylnaphthalene	90-12-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
2-Chloronaphthalene	91-58-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
2-Methylnaphthalene	91-57-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
2-Methylphenol	95-48-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
3,4-Methylphenol	108394/106445	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
4-Chloro-3-methylphenol	59-50-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
4-Chloroaniline	106-47-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Acenaphthene	83-32-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Acenaphthylene	208-96-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Anthracene	120-12-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Benzaldehyde	100-52-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID		DU13-S007	DU13-S008	DU13-S009	DU13-S009	DU13-S010	DU13-S011	DU13-S012	DU13-S013	DU13-S014	DU13-S015	DU13-S015
Sample ID		DU13-S007-00-01	DU13-S008-00-01	DU13-S009-00-01	DU13-S009-00-01D	DU13-S010-00-01	DU13-S011-00-01	DU13-S012-00-01	DU13-S013-00-01	DU13-S014-00-01	DU13-S015-00-01	DU13-S015-00-01D
Sample Date		6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/20/2017
Sample Type Code		N	N	N	FD	N	N	N	N	N	N	FD
Parent Sample ID					DU13-S009-00-01							DU13-S015-00-01
Task Code		2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
Depth Interval		0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
Chemical	CAS	Units										
Benzo(a)anthracene	56-55-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	mg/kg	—	—	—	—	—	—	—	—	—	—
SVOCs Continued												
Benzo(b)fluoranthene	205-99-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	mg/kg	—	—	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	—	—	—	—	—	—	—	—	—	—
Chrysene	218-01-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Fluorene	86-73-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	—	—	—	—	—	—	—	—	—	—
Pyrene	129-00-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	—	—	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	—	—	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	—	—	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	mg/kg	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	DU13-S016	DU14-S001	DU14-S002	DU14-S003	DU14-S004	DU14-S005	DU14-S006	DU14-S007	DU14-S008	DU14-S009	DU14-S010	
Sample ID	DU13-S016-00-01	DU14-S001-00-01	DU14-S002-00-01	DU14-S003-00-01	DU14-S004-00-01	DU14-S005-00-01	DU14-S006-00-01	DU14-S007-00-01	DU14-S008-00-01	DU14-S009-00-01	DU14-S010-00-01		
Sample Date	6/20/2017	6/14/2017	6/14/2017	6/14/2017	6/14/2017	6/14/2017	6/14/2017	6/13/2017	6/13/2017	6/14/2017	6/13/2017		
Sample Type Code	N	N	N	N	N	N	N	N	N	N	N		
Parent Sample ID													
Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 May PhaseIII	2017 May PhaseIII	2017 MAY PHASEIII	2017 May PhaseIII		
Depth Interval	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft		
Chemical	CAS	Units											
General Chemistry													
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	—	—	—	—	
pH	PH	std units	—	—	—	—	—	—	—	—	—	—	
Metals													
Aluminum	7429-90-5	mg/kg	7630	—	—	—	—	—	—	—	—	—	
Antimony	7440-36-0	mg/kg	< 0.174 U	—	—	—	—	—	—	—	—	—	
Arsenic	7440-38-2	mg/kg	1.78	—	—	—	—	—	—	—	—	—	
Barium	7440-39-3	mg/kg	36.9	—	—	—	—	—	—	—	—	—	
Beryllium	7440-41-7	mg/kg	0.276	—	—	—	—	—	—	—	—	—	
Cadmium	7440-43-9	mg/kg	0.0317 J	—	—	—	—	—	—	—	—	—	
Calcium (Ca)	7440-70-2	mg/kg	539	—	—	—	—	—	—	—	—	—	
Chromium	7440-47-3	mg/kg	12.1	—	—	—	—	—	—	—	—	—	
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	—	—	—	—	
Chromium(VI) (b)	18540-29-9	mg/kg	0.88	—	—	—	—	—	—	—	—	—	
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—	—	—	
Cobalt	7440-48-4	mg/kg	3.91	—	—	—	—	—	—	—	—	—	
Copper	7440-50-8	mg/kg	5.27	—	—	—	—	—	—	—	—	—	
Iron (Fe)	7439-89-6	mg/kg	9780	—	—	—	—	—	—	—	—	—	
Lead	7439-92-1	mg/kg	4.53	—	—	—	—	—	—	—	—	—	
Magnesium (Mg)	7439-95-4	mg/kg	2280	—	—	—	—	—	—	—	—	—	
Manganese (Mn)	7439-96-5	mg/kg	117	—	—	—	—	—	—	—	—	—	
Mercury	7439-97-6	mg/kg	0.0127 J	—	—	—	—	—	—	—	—	—	
Nickel	7440-02-0	mg/kg	8.76	—	—	—	—	—	—	—	—	—	
Potassium (K)	7440-09-7	mg/kg	1370	—	—	—	—	—	—	—	—	—	
Selenium	7782-49-2	mg/kg	0.126 J	—	—	—	—	—	—	—	—	—	
Silver	7440-22-4	mg/kg	< 0.0435 U	—	—	—	—	—	—	—	—	—	
Sodium (Na)	7440-23-5	mg/kg	84.5	—	—	—	—	—	—	—	—	—	
Thallium	7440-28-0	mg/kg	0.0988 J	—	—	—	—	—	—	—	—	—	
Vanadium	7440-62-2	mg/kg	16.8	—	—	—	—	—	—	—	—	—	
Zinc	7440-66-6	mg/kg	39.3	—	—	—	—	—	—	—	—	—	
PCBs													
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—	
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—	
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—	
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—	
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—	
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—	
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—	
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—	
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—	
SVOCs													
1,4-Dichlorobenzene	106-46-7	mg/kg	—	< 0.040 U	< 0.036 U	< 0.040 U	< 0.073 UJ	< 0.041 U	< 0.039 U	< 0.040 U	< 0.054 U	< 0.038 U	< 0.038 U
1-Methylnaphthalene	90-12-0	mg/kg	—	< 0.0016 U	0.0014 J	< 0.0016 U	0.0077 J-	0.0022	< 0.008 U	< 0.0016 U	0.0038	0.0033	0.0022
2-Chloronaphthalene	91-58-7	mg/kg	—	< 0.016 U	< 0.014 U	< 0.016 U	< 0.029 UJ	< 0.016 U	< 0.016 U	< 0.016 U	< 0.022 U	< 0.015 U	< 0.015 U
2-Methylnaphthalene	91-57-6	mg/kg	—	0.0015 J	0.0020	0.0012 J	0.017 J-	0.0032	< 0.008 U	< 0.0016 U	0.0059	0.0043	0.0024
2-Methylphenol	95-48-7	mg/kg	—	< 0.040 U	< 0.036 U	< 0.040 U	< 0.073 U	< 0.041 U	< 0.039 U	< 0.040 U	< 0.054 U	< 0.038 U	< 0.038 U
3,4-Methylphenol	108394/106445	mg/kg	—	< 0.040 U	< 0.036 U	< 0.040 U	< 0.073 U	< 0.041 U	< 0.039 U	< 0.040 U	< 0.054 U	< 0.038 U	< 0.038 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	—	< 0.040 U	< 0.036 U	< 0.040 U	< 0.073 U	< 0.041 U	< 0.039 U	< 0.040 U	< 0.054 U	< 0.038 U	< 0.038 U
4-Chloroaniline	106-47-8	mg/kg	—	< 0.079 U	< 0.072 U	< 0.080 U	< 0.15 U	< 0.082 U	< 0.078 U	< 0.081 U	< 0.11 U	< 0.076 U	< 0.077 U
Acenaphthene	83-32-9	mg/kg	—	< 0.0016 U	0.0033	0.0016 J	0.012 J-	0.0035	0.008 J	< 0.0016 U	0.0096	0.0064	0.0062
Acenaphthylene	208-96-8	mg/kg	—	< 0.0016 U	0.0015 J	0.0011 J	0.0066 J-	0.0018 J	0.021	< 0.0016 U	0.020	0.0024	0.0013 J
Anthracene	120-12-7	mg/kg	—	< 0.0016 U	0.0075	0.0039	0.021 J-	0.010	0.012 J	0.00051 J	0.033	0.016	0.011
Benzaldehyde	100-52-7	mg/kg	—	< 0.16 U	< 0.14 U	< 0.16 U	0.41 J-	0.12 J	0.11 J	< 0.16 U	0.16 J	< 0.15 U	< 0.15 U

Notes provided on the last page of tables.

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU13-S016 DU13-S016-00-01 6/20/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU14-S001 DU14-S001-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU14-S002 DU14-S002-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU14-S003 DU14-S003-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU14-S004 DU14-S004-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU14-S005 DU14-S005-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU14-S006 DU14-S006-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU14-S007 DU14-S007-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU14-S008 DU14-S008-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU14-S009 DU14-S009-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU14-S010 DU14-S010-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft
Chemical	CAS	Units											
Benzo(a)anthracene	56-55-3	mg/kg	—	0.0019 J	0.042	0.018	0.039 J-	0.050	0.060	0.0019 J	0.11	0.078	0.060
Benzo(a)pyrene	50-32-8	mg/kg	—	0.0017 J	0.045	0.020	0.038 J-	0.056	0.079	0.0025	0.11	0.084	0.066
SVOCs Continued													
Benzo(b)fluoranthene	205-99-2	mg/kg	—	0.0023	0.077	0.035	0.10 J-	0.10	0.084	0.0039	0.27	0.16	0.11
Benzo(g,h,i)perylene	191-24-2	mg/kg	—	0.00084 J	0.012	0.0054	0.011 J-	0.014	0.038	< 0.0016 U	0.033	0.022	0.020
Benzo(k)fluoranthene	207-08-9	mg/kg	—	0.0010 J	0.029	0.014	0.036 J-	0.037	0.053	0.0054	0.13	0.056	0.057
Benzoic acid	65-85-0	mg/kg	—	< 0.59 U	0.27 J	0.26 J	1.2	1.0	0.51 J	0.21 J	0.72 J	0.27 J	0.27 J
Biphenyl, 1,1'-	92-52-4	mg/kg	—	< 0.040 U	< 0.036 U	< 0.040 U	< 0.073 U	< 0.041 U	< 0.039 U	< 0.040 U	< 0.054 U	< 0.038 U	< 0.038 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	—	< 0.16 U	< 0.14 U	< 0.16 U	< 0.29 UJ	< 0.16 U	< 0.16 U	< 0.16 U	< 0.22 U	< 0.15 U	< 0.15 U
Butyl benzyl phthalate	85-68-7	mg/kg	—	< 0.16 U	< 0.14 U	< 0.16 U	< 0.29 UJ	< 0.16 U	< 0.16 U	< 0.16 U	< 0.22 U	< 0.15 U	< 0.15 U
Caprolactam	105-60-2	mg/kg	—	< 0.16 U	< 0.14 U	< 0.16 U	< 0.29 UJ	< 0.16 U	< 0.16 U	< 0.16 U	< 0.22 U	< 0.15 U	< 0.15 U
CARBAZOLE	86-74-8	mg/kg	—	< 0.040 U	< 0.036 U	< 0.040 U	< 0.073 UJ	< 0.041 U	< 0.039 U	< 0.040 U	0.036 J	< 0.038 U	< 0.038 U
Chrysene	218-01-9	mg/kg	—	0.0017 J	0.047	0.022	0.060 J-	0.059	0.062	0.0023	0.16	0.088	0.070
Dibenz(a,h)anthracene	53-70-3	mg/kg	—	< 0.0016 U	0.0046	0.0021	0.0040 J-	0.0060	0.016 J	< 0.0016 U	0.013	0.0082	0.0072
Dibenzofuran	132-64-9	mg/kg	—	< 0.040 U	< 0.036 U	< 0.040 U	< 0.073 UJ	< 0.041 U	< 0.039 U	< 0.040 U	< 0.054 U	< 0.038 U	< 0.038 U
Diethyl phthalate	84-66-2	mg/kg	—	< 0.16 U	< 0.14 U	< 0.16 U	< 0.29 UJ	< 0.16 U	< 0.16 U	< 0.16 U	< 0.22 U	< 0.15 U	< 0.15 U
Dimethyl phthalate	131-11-3	mg/kg	—	< 0.16 U	< 0.14 U	< 0.16 U	< 0.29 UJ	< 0.16 U	< 0.16 U	< 0.16 U	< 0.22 U	< 0.15 U	< 0.15 U
Di-n-butyl phthalate	84-74-2	mg/kg	—	< 0.16 U	< 0.14 U	< 0.16 U	< 0.29 UJ	< 0.16 U	< 0.16 U	< 0.16 U	< 0.22 U	< 0.15 U	< 0.15 U
Di-n-octyl phthalate	117-84-0	mg/kg	—	< 0.16 U	< 0.14 U	< 0.16 U	< 0.29 UJ	< 0.16 U	< 0.16 U	< 0.16 U	< 0.22 U	< 0.15 U	< 0.15 U
Fluoranthene	206-44-0	mg/kg	—	0.0033	0.096	0.044	0.11 J-	0.12	0.10	0.0036	0.27	0.19	0.15
Fluorene	86-73-7	mg/kg	—	< 0.0016 U	0.0033	0.0018 J	0.0028 J	0.0021	0.008 J	0.0052	0.030	0.0070	0.0054
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	—	0.00086 J	0.015	0.0066	0.014 J-	0.018	0.033	0.00093 J	0.040	0.029	0.022
Naphthalene	91-20-3	mg/kg	—	< 0.0016 U	0.0023	0.0014 J	0.019 J-	0.0056	0.005 J	< 0.0016 U	0.0077	0.0048	0.0036
Phenanthrene	85-01-8	mg/kg	—	0.0019 J	0.042	0.022	0.035 J-	0.052	0.055	0.0021	0.12	0.093	0.078
Pyrene	129-00-0	mg/kg	—	0.0027	0.089	0.041	0.088 J-	0.10	0.083	0.0046	0.36	0.16	0.13
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	—	0.0023	0.063	0.028	0.058	0.079	0.11	0.0034	0.17	0.12	0.093
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	—	0.014	0.36	0.16	0.39	0.44	0.51	0.023	1.2	0.69	0.54
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	—	0.016	0.16	0.078	0.23	0.20	0.22	0.014	0.50	0.33	0.26
Total PAHs Calculated	CALC-PAH	mg/kg	—	0.027	0.52	0.24	0.62	0.64	0.73	0.038	1.7	1.0	0.80

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU14-S011 DU14-S011-00-01 6/7/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU14-S012 DU14-S012-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU14-S013 DU14-S013-00-01 6/14/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU14-S014 DU14-S014-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU14-S015 DU14-S015-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU14-S016 DU14-S016-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU15-S001 DU15-S001-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU15-S002 DU15-S002-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU15-S003 DU15-S003-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU15-S004 DU15-S004-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU15-S005 DU15-S005-00-01 6/15/2017 N 2017 MAY PHASEIII 0 - 1 ft	
Chemical	CAS	Units												
General Chemistry														
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	—	421	—	—	—	—
pH	PH	std units	—	—	—	—	—	—	—	4.91	—	—	—	—
Metals														
Aluminum	7429-90-5	mg/kg	—	—	—	—	—	—	—	11700	8230	3230	4800	2750
Antimony	7440-36-0	mg/kg	—	—	—	—	—	—	—	< 0.182 U	< 0.185 U	< 0.234 U	0.0856 J	< 0.279 U
Arsenic	7440-38-2	mg/kg	—	—	—	—	—	—	—	1.93	1.85	1.30	1.97	0.798 J
Barium	7440-39-3	mg/kg	—	—	—	—	—	—	—	6.00	13.3	7.91	11.1	11.8
Beryllium	7440-41-7	mg/kg	—	—	—	—	—	—	—	0.198	0.251	0.129 J	0.173	0.0871 J
Cadmium	7440-43-9	mg/kg	—	—	—	—	—	—	—	0.0427 J	< 0.0924 U	0.0510 J	0.238	0.0515 J
Calcium (Ca)	7440-70-2	mg/kg	—	—	—	—	—	—	—	207	409	174	473	223
Chromium	7440-47-3	mg/kg	—	—	—	—	—	—	—	7.00	10.0	2.19	6.44	3.15
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	—	7.0	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—	0.73	0.16	0.47	0.23
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	—	< 0.55 U	—	—	—	—
Cobalt	7440-48-4	mg/kg	—	—	—	—	—	—	—	0.698	3.19	0.188 J	2.31	0.262 J
Copper	7440-50-8	mg/kg	—	—	—	—	—	—	—	1.30	3.31	0.875 J	3.33	1.74
Iron (Fe)	7439-89-6	mg/kg	—	—	—	—	—	—	—	7740	7530	7600	6240	793
Lead	7439-92-1	mg/kg	—	—	—	—	—	—	—	7.39	3.35	10.8	31.8	11.4
Magnesium (Mg)	7439-95-4	mg/kg	—	—	—	—	—	—	—	256	1250	128	787	150
Manganese (Mn)	7439-96-5	mg/kg	—	—	—	—	—	—	—	24.0	56.8	8.94	69.2	14.3
Mercury	7439-97-6	mg/kg	—	—	—	—	—	—	—	0.0498 J	< 0.0165 U	0.0469 J	< 0.0169 U	0.0683 J
Nickel	7440-02-0	mg/kg	—	—	—	—	—	—	—	1.51	6.49	0.892 J	4.36	1.00 J
Potassium (K)	7440-09-7	mg/kg	—	—	—	—	—	—	—	120	295	174	363	320
Selenium	7782-49-2	mg/kg	—	—	—	—	—	—	—	1.53	0.191 J	0.726 J	0.151 J	0.929 J
Silver	7440-22-4	mg/kg	—	—	—	—	—	—	—	0.0349 J	< 0.0462 U	0.0441 J	< 0.0418 U	< 0.0697 U
Sodium (Na)	7440-23-5	mg/kg	—	—	—	—	—	—	—	40.9 J	67.9 J	109	80.7	199
Thallium	7440-28-0	mg/kg	—	—	—	—	—	—	—	0.0778 J	0.0601 J	0.0426 J	0.0385 J	0.0390 J
Vanadium	7440-62-2	mg/kg	—	—	—	—	—	—	—	17.2	14.0	7.88	10.8	4.73
Zinc	7440-66-6	mg/kg	—	—	—	—	—	—	—	< 5.49 U	12.2	< 7.02 U	41.2	< 8.37 U
PCBs														
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	< 0.013 U	< 0.011 U	< 0.016 U	< 0.011 U	< 0.014 U
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	< 0.013 U	< 0.011 U	< 0.016 U	< 0.011 U	< 0.014 U
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	< 0.021 U	< 0.017 U	< 0.026 U	< 0.018 U	< 0.023 U
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	< 0.013 U	< 0.011 U	< 0.016 U	< 0.011 U	< 0.014 U
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	< 0.013 U	< 0.011 U	< 0.016 U	< 0.011 U	< 0.014 U
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	< 0.013 U	< 0.011 U	< 0.016 U	< 0.011 U	< 0.014 U
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	< 0.013 U	< 0.011 U	< 0.016 U	< 0.011 U	< 0.014 U
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	< 0.013 U	< 0.011 U	< 0.016 U	< 0.011 U	< 0.014 U
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	< 0.013 U	< 0.011 U	< 0.016 U	< 0.011 U	< 0.014 U
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	< 0.13	< 0.11	< 0.15	< 0.11	< 0.14
SVOCs														
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.046 U	< 0.049 U	< 0.038 U	< 0.037 U	< 0.042 U	< 0.048 U	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	mg/kg	0.0013 J	< 0.01 U	0.0029	< 0.0015 U	0.021 J	0.014 J	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	mg/kg	< 0.018 U	< 0.019 U	< 0.015 U	< 0.015 U	< 0.017 U	< 0.019 U	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	mg/kg	0.0018 J	0.006 J	0.0040	< 0.0015 U	0.021 J	0.013 J	—	—	—	—	—	—
2-Methylphenol	95-48-7	mg/kg	< 0.046 U	< 0.049 U	< 0.038 U	< 0.037 U	< 0.042 U	< 0.048 U	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	mg/kg	< 0.046 U	< 0.049 U	< 0.038 U	< 0.037 U	< 0.042 U	< 0.048 U	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.046 U	< 0.049 U	< 0.038 U	< 0.037 U	< 0.042 U	< 0.048 U	—	—	—	—	—	—
4-Chloroaniline	106-47-8	mg/kg	< 0.091 U	< 0.097 U	< 0.076 U	< 0.074 U	< 0.084 U	< 0.096 U	—	—	—	—	—	—
Acenaphthene	83-32-9	mg/kg	0.0021 J	0.010 J	0.0077	< 0.0015 U	0.076	0.063	—	—	—	—	—	—
Acenaphthylene	208-96-8	mg/kg	0.0010 J	0.020 J	0.0020	< 0.0015 U	0.067	0.050	—	—	—	—	—	—
Anthracene	120-12-7	mg/kg	0.0053	0.025	0.016	< 0.0015 U	0.24	0.21	—	—	—	—	—	—
Benzaldehyde	100-52-7	mg/kg	< 0.18 U	0.10 J	0.090 J	< 0.15 U	0.085 J	< 0.19 U	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	Sample ID	Sample Date	Sample Type Code	Parent Sample ID	Task Code	Depth Interval	DU14-S011	DU14-S012	DU14-S013	DU14-S014	DU14-S015	DU14-S016	DU15-S001	DU15-S002	DU15-S003	DU15-S004	DU15-S005
								DU14-S011-00-01	DU14-S012-00-01	DU14-S013-00-01	DU14-S014-00-01	DU14-S015-00-01	DU14-S016-00-01	DU15-S001-00-01	DU15-S002-00-01	DU15-S003-00-01	DU15-S004-00-01	DU15-S005-00-01
								6/7/2017	6/13/2017	6/14/2017	6/13/2017	6/13/2017	6/13/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017
								N	N	N	N	N	N	N	N	N	N	N
								2017 MAY PHASEIII	2017 May PhaseIII	2017 MAY PHASEIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
								0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
Chemical	CAS	Units																
Benzo(a)anthracene	56-55-3	mg/kg	0.028	0.075	0.074	< 0.0015 U	1.0	0.79	—	—	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	mg/kg	0.030	0.078	0.079	< 0.0015 U	1.0	0.82	—	—	—	—	—	—	—	—	—	—
SVOCs Continued																		
Benzo(b)fluoranthene	205-99-2	mg/kg	0.054	0.13	0.15	< 0.0015 U	1.6	1.2	—	—	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.0093	0.054	0.019	< 0.0015 U	0.65	0.51	—	—	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	mg/kg	0.031	0.055	0.055	< 0.0015 U	0.80	0.66	—	—	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	mg/kg	0.41 J	0.61 J	0.72	< 0.56 U	0.50 J	0.34 J	—	—	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.046 U	< 0.049 U	< 0.038 U	< 0.037 U	< 0.042 U	< 0.048 U	—	—	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.18 U	< 0.19 U	< 0.15 U	< 0.15 U	< 0.17 U	< 0.19 U	—	—	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.18 U	< 0.19 U	< 0.15 U	< 0.15 U	< 0.17 U	< 0.19 U	—	—	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	mg/kg	< 0.18 U	< 0.19 U	< 0.15 U	< 0.15 U	< 0.17 U	< 0.19 U	—	—	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	< 0.046 U	< 0.049 U	< 0.038 U	< 0.037 U	0.12	0.11	—	—	—	—	—	—	—	—	—	—
Chrysene	218-01-9	mg/kg	0.036	0.095	0.085	< 0.0015 U	1.1	0.86	—	—	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.0036	0.017 J	0.0075	< 0.0015 U	0.21	0.16	—	—	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	mg/kg	< 0.046 U	< 0.049 U	< 0.038 U	< 0.037 U	0.039 J	0.033 J	—	—	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	< 0.18 U	< 0.19 U	< 0.15 U	< 0.15 U	< 0.17 U	< 0.19 U	—	—	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	< 0.18 U	< 0.19 U	< 0.15 U	< 0.15 U	< 0.17 U	< 0.19 U	—	—	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.18 U	< 0.19 U	< 0.15 U	< 0.15 U	< 0.17 U	< 0.19 U	—	—	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.18 U	< 0.19 U	< 0.15 U	< 0.15 U	< 0.17 U	< 0.19 U	—	—	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	0.069	0.18	0.19	< 0.0015 U	2.2	1.7	—	—	—	—	—	—	—	—	—	—
Fluorene	86-73-7	mg/kg	0.0082	0.015 J	0.0061	< 0.0015 U	0.085	0.074	—	—	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.011	0.057	0.023	< 0.0015 U	0.67	0.53	—	—	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	0.0034	0.012 J	0.0053	< 0.0015 U	0.039	0.030	—	—	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	0.033	0.099	0.099	< 0.0015 U	1.0	0.89	—	—	—	—	—	—	—	—	—	—
Pyrene	129-00-0	mg/kg	0.071	0.16	0.16	< 0.0015 U	2.0	1.5	—	—	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.043	0.12	0.11	< 0.0035	1.5	1.2	—	—	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	0.27	0.72	0.65	< 0.014	9.0	7.0	—	—	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	0.13	0.37	0.33	< 0.014	3.7	3.0	—	—	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	mg/kg	0.40	1.1	0.99	< 0.027	13	10	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID	DU15-S006	DU15-S007	DU15-S008	DU15-S009	DU15-S010	DU15-S011	DU15-S012	DU15-S013	DU15-S014	DU15-S015	DU15-S016			
Sample ID	DU15-S006-00-01	DU15-S007-00-01	DU15-S008-00-01	DU15-S009-00-01	DU15-S010-00-01	DU15-S011-00-01	DU15-S012-00-01	DU15-S013-00-01	DU15-S014-00-01	DU15-S015-00-01	DU15-S016-00-01			
Sample Date	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017			
Parent Sample ID	N	N	N	N	N	N	N	N	N	N	N			
Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII			
Depth Interval	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft			
Chemical	CAS	Units												
General Chemistry														
Oxidation Reduction Potential	ORP	mV	—	—	—	—	441	—	—	—	—			
pH	PH	std units	—	—	—	—	4.04	—	—	—	—			
Metals														
Aluminum	7429-90-5	mg/kg	3320	3660	10800	4540	7100	4040 J+	6530	4660	1180	13500	10800	
Antimony	7440-36-0	mg/kg	0.407 J	< 0.372 U	0.583 J	0.370 J	0.667 J	0.483 J	0.452 J	< 0.630 U	< 0.170 U	< 0.166 U	< 0.171 U	
Arsenic	7440-38-2	mg/kg	1.46 J	1.30 J	3.31	1.46 J	1.57 J	2.86 J	3.40	3.44	2.86 J	0.502 J	1.81	1.41
Barium	7440-39-3	mg/kg	24.9	25.2	49.5	41.6	52.2	39.9	49.6	34.5	11.3	17.9	14.4	
Beryllium	7440-41-7	mg/kg	0.128 J	0.144 J	0.547	0.357 J	0.428 J	0.0752 J	0.244 J	0.279 J	0.0252 J	0.210	0.169 J	
Cadmium	7440-43-9	mg/kg	0.135 J	0.132 J	0.608	0.243 J	0.174 J	0.273 J	0.269 J	0.193 J	< 0.0852 U	0.0588 J	0.0560 J	
Calcium (Ca)	7440-70-2	mg/kg	592	956	1960	2330	1720	856	2890	1640	186	575	418	
Chromium	7440-47-3	mg/kg	2.95	3.64	10.9	3.63	4.24	4.73	7.42	3.60	1.05	12.3	8.85	
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	4.2	—	—	—	—	—	—	
Chromium(VI) (b)	18540-29-9	mg/kg	0.22	0.27	0.80	0.26	—	0.35	0.54	0.26	0.077	0.90	0.65	
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	< 1.7 U	—	—	—	—	—	—	
Cobalt	7440-48-4	mg/kg	0.464	0.955	1.73	0.655 J	1.03	0.862	1.86	0.583 J	0.0988 J	2.29	1.15	
Copper	7440-50-8	mg/kg	7.51	5.03	15.4	11.7	12.8	9.25	17.4	7.37	0.908	3.37	2.34	
Iron (Fe)	7439-89-6	mg/kg	1780	2210	7540	1610	5360	4290 J	5620	1450	393	8440	6590	
Lead	7439-92-1	mg/kg	35.0	15.8	47.1	17.3	42.0	41.7 J	68.9	16.4	4.42	11.0	18.1	
Magnesium (Mg)	7439-95-4	mg/kg	420	422	715	641	543	599 J	666	459	77.2	1100	606	
Manganese (Mn)	7439-96-5	mg/kg	7.59	27.1	31.7	15.2	12.9	26.9 J	45.6	5.99	20.7	73.9	40.8	
Mercury	7439-97-6	mg/kg	0.255 J	0.112 J	0.163 J	0.307 J	0.258 J	0.258	0.157 J	0.236 J	0.0350 J	0.0232 J	0.0330 J	
Nickel	7440-02-0	mg/kg	2.86	2.50	8.56	4.47	4.94	2.85	6.10	3.33	0.349 J	6.73	4.01	
Potassium (K)	7440-09-7	mg/kg	427	417	499	313	482	363	448	260	394	383	199	
Selenium	7782-49-2	mg/kg	2.14	0.881 J	2.39	1.90 J	2.83 J	1.18 J	1.32 J	3.03	0.136 J	0.541 J	0.491 J	
Silver	7440-22-4	mg/kg	0.145 J	0.0755 J	0.103 J	0.116 J	0.131 J	0.157 J	0.0888 J	0.0936 J	< 0.0426 U	< 0.0414 U	< 0.0427 U	
Sodium (Na)	7440-23-5	mg/kg	300	230	248	388	495	234	199	384	126	71.8	59.2 J	
Thallium	7440-28-0	mg/kg	< 0.115 U	0.0494 J	0.0743 J	< 0.192 U	< 0.184 U	0.104 J	0.0961 J	< 0.158 U	< 0.0426 U	0.115 J	0.0865 J	
Vanadium	7440-62-2	mg/kg	5.87	7.02	17.0	4.85	10.3	11.4 J-	15.1	5.74	1.56	18.9	15.5	
Zinc	7440-66-6	mg/kg	15.1	11.3	48.0	34.0	26.7	17.1 J+	34.1	30.9	< 5.11 U	41.5	18.9	
PCBs														
Aroclor 1016	12674-11-2	mg/kg	< 0.026 U	< 0.020 U	< 0.028 U	< 0.047 U	< 0.042 U	< 0.018 U	< 0.020 U	< 0.043 U	< 0.012 U	< 0.012 U	< 0.013 U	
Aroclor 1221	11104-28-2	mg/kg	< 0.026 U	< 0.020 U	< 0.028 U	< 0.047 U	< 0.042 U	< 0.018 U	< 0.020 U	< 0.043 U	< 0.012 U	< 0.012 U	< 0.013 U	
Aroclor 1232	11141-16-5	mg/kg	< 0.042 U	< 0.032 U	< 0.045 U	< 0.075 U	< 0.067 U	< 0.028 U	< 0.032 U	< 0.069 U	< 0.019 U	< 0.019 U	< 0.020 U	
Aroclor 1242	53469-21-9	mg/kg	< 0.026 U	< 0.020 U	< 0.028 U	< 0.047 U	< 0.042 U	< 0.018 U	< 0.020 U	< 0.043 U	< 0.012 U	< 0.012 U	< 0.013 U	
Aroclor 1248	12672-29-6	mg/kg	< 0.026 U	< 0.020 U	< 0.028 U	< 0.047 U	< 0.042 U	< 0.018 U	< 0.020 U	< 0.043 U	< 0.012 U	< 0.012 U	< 0.013 U	
Aroclor 1254	11097-69-1	mg/kg	< 0.026 U	< 0.020 U	< 0.028 U	< 0.047 U	< 0.042 U	< 0.018 U	< 0.020 U	< 0.043 U	< 0.012 U	< 0.012 U	< 0.013 U	
Aroclor 1260	11096-82-5	mg/kg	< 0.026 U	< 0.020 U	< 0.028 U	< 0.047 U	< 0.042 U	< 0.018 U	0.038	< 0.043 U	< 0.012 U	< 0.012 U	< 0.013 U	
Aroclor 1262	37324-23-5	mg/kg	< 0.026 U	< 0.020 U	< 0.028 U	< 0.047 U	< 0.042 U	< 0.018 U	< 0.020 U	< 0.043 U	< 0.012 U	< 0.012 U	< 0.013 U	
Aroclor 1268	11100-14-4	mg/kg	< 0.026 U	< 0.020 U	< 0.028 U	< 0.047 U	< 0.042 U	< 0.018 U	< 0.020 U	< 0.043 U	< 0.012 U	< 0.012 U	< 0.013 U	
Total PCBs Calculated	CALC-PCB	mg/kg	< 0.25	< 0.19	< 0.27	< 0.45	< 0.40	< 0.17	0.21	< 0.41	< 0.12	< 0.12	< 0.12	
SVOCs														
1,4-Dichlorobenzene	106-46-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1-Methylnaphthalene	90-12-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
2-Chloronaphthalene	91-58-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
2-Methylnaphthalene	91-57-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
2-Methylphenol	95-48-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
3,4-Methylphenol	108394/106445	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
4-Chloro-3-methylphenol	59-50-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
4-Chloroaniline	106-47-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Acenaphthene	83-32-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Acenaphthylene	208-96-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Anthracene	120-12-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Benzaldehyde	100-52-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID		DU15-S006	DU15-S007	DU15-S008	DU15-S009	DU15-S010	DU15-S011	DU15-S012	DU15-S013	DU15-S014	DU15-S015	DU15-S016
Sample ID		DU15-S006-00-01	DU15-S007-00-01	DU15-S008-00-01	DU15-S009-00-01	DU15-S010-00-01	DU15-S011-00-01	DU15-S012-00-01	DU15-S013-00-01	DU15-S014-00-01	DU15-S015-00-01	DU15-S016-00-01
Sample Date		6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017
Sample Type Code		N	N	N	N	N	N	N	N	N	N	N
Parent Sample ID												
Task Code		2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
Depth Interval		0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
Chemical	CAS	Units										
Benzo(a)anthracene	56-55-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	mg/kg	—	—	—	—	—	—	—	—	—	—
SVOCs Continued												
Benzo(b)fluoranthene	205-99-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	mg/kg	—	—	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	—	—	—	—	—	—	—	—	—	—
Chrysene	218-01-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Fluorene	86-73-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	—	—	—	—	—	—	—	—	—	—
Pyrene	129-00-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	—	—	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	—	—	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	—	—	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	mg/kg	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	DU16-S001	DU16-S002	DU16-S003	DU16-S004	DU16-S005	DU16-S006	DU16-S007	DU16-S008	DU16-S009	DU16-S010	DU16-S011
Sample ID	DU16-S001-00-01	DU16-S002-00-01	DU16-S003-00-01	DU16-S004-00-01	DU16-S005-00-01	DU16-S006-00-01	DU16-S007-00-01	DU16-S008-00-01	DU16-S009-00-01	DU16-S010-00-01	DU16-S011-00-01	
Sample Date	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	
Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	
Parent Sample ID												
Task Code	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	
Depth Interval	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	
Chemical	CAS	Units										
General Chemistry												
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	—	—	—	—
pH	PH	std units	—	—	—	—	—	—	—	—	—	—
Metals												
Aluminum	7429-90-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Antimony	7440-36-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Arsenic	7440-38-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Barium	7440-39-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Beryllium	7440-41-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Cadmium	7440-43-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Calcium (Ca)	7440-70-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Chromium	7440-47-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Copper	7440-50-8	mg/kg	—	—	—	—	—	—	—	—	—	—
Iron (Fe)	7439-89-6	mg/kg	—	—	—	—	—	—	—	—	—	—
Lead	7439-92-1	mg/kg	—	—	—	—	—	—	—	—	—	—
Magnesium (Mg)	7439-95-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Manganese (Mn)	7439-96-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Mercury	7439-97-6	mg/kg	—	—	—	—	—	—	—	—	—	—
Nickel	7440-02-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Potassium (K)	7440-09-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Selenium	7782-49-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Silver	7440-22-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Sodium (Na)	7440-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Thallium	7440-28-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Vanadium	7440-62-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Zinc	7440-66-6	mg/kg	—	—	—	—	—	—	—	—	—	—
PCBs												
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—
SVOCs												
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.041 U	< 0.036 U	< 0.035 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.038 U	< 0.036 U	< 0.037 U
1-Methylnaphthalene	90-12-0	mg/kg	0.0024 J-	0.0014 J	< 0.0014 U	0.0014 J	< 0.0015 U	< 0.008 U	0.0025	0.0010 J	0.00091 J	< 0.007 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.016 U	< 0.015 U	< 0.014 U	< 0.015 U	< 0.015 U	< 0.016 U	< 0.015 U	< 0.015 U	< 0.014 U	< 0.015 U
2-Methylnaphthalene	91-57-6	mg/kg	0.0031 J-	0.0020 J-	0.00086 J	0.0021 J-	0.00093 J	< 0.008 U	0.0027	0.0016 J	0.0012 J	< 0.007 U
2-Methylphenol	95-48-7	mg/kg	< 0.041 U	< 0.036 U	< 0.035 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.038 U	< 0.036 U	< 0.037 U
3,4-Methylphenol	108394/106445	mg/kg	0.021 J	< 0.036 U	< 0.035 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.038 U	< 0.036 U	< 0.037 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.041 U	< 0.036 U	< 0.035 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.038 U	< 0.036 U	< 0.037 U
4-Chloroaniline	106-47-8	mg/kg	< 0.082 U	< 0.073 U	< 0.070 U	< 0.074 U	< 0.077 U	< 0.079 U	< 0.076 U	< 0.076 U	< 0.072 U	< 0.073 U
Acenaphthene	83-32-9	mg/kg	0.0056 J-	0.0041 J-	0.0019	0.0018 J-	0.0027	< 0.008 U	0.0087	0.0014 J	0.0015 J	< 0.007 U
Acenaphthylene	208-96-8	mg/kg	0.0020 J-	0.0018 J-	0.0030	0.0013 J	0.020	< 0.008 U	0.0024	0.0024 J-	0.00058 J	< 0.007 U
Anthracene	120-12-7	mg/kg	0.013 J-	0.010 J-	0.012	0.0053 J-	0.031	< 0.008 U	0.025	0.0062 J-	0.0037	< 0.007 U
Benzaldehyde	100-52-7	mg/kg	< 0.16 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U

Notes provided on the last page of tables.

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU16-S001 DU16-S001-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU16-S002 DU16-S002-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU16-S003 DU16-S003-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU16-S004 DU16-S004-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU16-S005 DU16-S005-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU16-S006 DU16-S006-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU16-S007 DU16-S007-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU16-S008 DU16-S008-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU16-S009 DU16-S009-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU16-S010 DU16-S010-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU16-S011 DU16-S011-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft
Chemical	CAS	Units											
Benzo(a)anthracene	56-55-3	mg/kg	0.065 J-	0.057 J-	0.010	0.031 J-	0.13	0.013 J	0.12	0.021 J-	0.023	< 0.007 U	0.011 J-
Benzo(a)pyrene	50-32-8	mg/kg	0.067 J-	0.061 J-	0.013	0.041 J-	0.076	0.017 J	0.12	0.024 J-	0.029	0.005 J	0.013 J-
SVOCs Continued													
Benzo(b)fluoranthene	205-99-2	mg/kg	0.11 J-	0.097 J-	0.036	0.077 J-	0.28	0.020	0.20	0.048 J-	0.048	0.005 J	0.020 J-
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.021 J-	0.014 J-	0.0047	0.0093 J-	0.028	0.010 J	0.040	0.0064 J-	0.0086	< 0.007 U	0.0038 J-
Benzo(k)fluoranthene	207-08-9	mg/kg	0.039 J-	0.041 J-	0.012	0.029 J-	0.14	0.011 J	0.090	0.016 J-	0.021	< 0.007 U	0.0073 J-
Benzoic acid	65-85-0	mg/kg	< 0.61 U	< 0.54 U	< 0.53 U	0.19 J	< 0.58 U	< 0.59 U	0.25 J	< 0.57 U	< 0.54 U	< 0.55 U	< 0.55 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.041 U	< 0.036 U	< 0.035 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.038 U	< 0.036 U	< 0.037 U	< 0.037 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.16 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.16 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U
Caprolactam	105-60-2	mg/kg	< 0.16 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U
CARBAZOLE	86-74-8	mg/kg	< 0.041 U	< 0.036 U	< 0.035 U	< 0.037 U	0.048	< 0.039 U	< 0.038 U	< 0.038 U	< 0.036 U	< 0.037 U	< 0.037 U
Chrysene	218-01-9	mg/kg	0.072 J-	0.062 J-	0.016	0.040 J-	0.28	0.015 J	0.14	0.026 J-	0.028	< 0.007 U	0.013 J-
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.0079 J-	0.0054 J-	0.0018 J	0.0024 J-	0.011	0.004 J	0.014	0.0024 J-	0.0032	< 0.007 U	0.0014 J
Dibenzofuran	132-64-9	mg/kg	< 0.041 U	< 0.036 U	< 0.035 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.038 U	< 0.036 U	< 0.037 U	< 0.037 U
Diethyl phthalate	84-66-2	mg/kg	< 0.16 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	0.20	< 0.14 U	< 0.15 U	< 0.15 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.16 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.16 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.16 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U
Fluoranthene	206-44-0	mg/kg	0.17 J-	0.14 J-	0.016	0.077 J-	0.77	0.027	0.30	0.052 J-	0.054	0.005 J	0.027 J-
Fluorene	86-73-7	mg/kg	0.0034 J-	0.0038 J-	< 0.0014 U	0.0014 J	0.0030	< 0.008 U	0.0096	0.0024 J-	0.0017 J	< 0.007 U	< 0.0015 UJ
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.025 J-	0.017 J-	0.0047	0.012 J-	0.035	0.011 J	0.046	0.0079 J-	0.0098	< 0.007 U	0.0044 J-
Naphthalene	91-20-3	mg/kg	0.0053 J-	0.0037 J-	0.0012 J	0.0021 J-	0.0012 J	< 0.008 U	0.0040	0.0017 J	0.0014 J	< 0.007 U	0.0032 J-
Phenanthrene	85-01-8	mg/kg	0.073 J-	0.059 J-	0.017	0.027 J-	0.12	0.013 J	0.14	0.019 J-	0.021	< 0.007 U	0.010 J-
Pyrene	129-00-0	mg/kg	0.11 J-	0.10 J-	0.016	0.062 J-	0.86	0.025	0.23	0.039 J-	0.048	0.005 J	0.019 J-
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.095	0.084	0.020	0.056	0.13	0.026	0.17	0.034	0.041	0.0068	0.018
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	0.52	0.45	0.11	0.30	1.8	0.13	1.0	0.19	0.22	0.057	0.093
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	0.28	0.23	0.054	0.12	0.95	0.096	0.49	0.088	0.086	0.061	0.048
Total PAHs Calculated	CALC-PAH	mg/kg	0.79	0.68	0.17	0.42	2.8	0.19	1.5	0.28	0.30	0.12	0.14

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU16-S012 DU16-S012-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU16-S013 DU16-S013-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU16-S014 DU16-S014-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU16-S015 DU16-S015-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU16-S016 DU16-S016-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU17-S001 DU17-S001-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU17-S002 DU17-S002-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU17-S003 DU17-S003-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU17-S003 DU17-S003-00-01D 6/19/2017 FD DU17-S003-00-01 2017 MAY PHASEIII 0 - 1 ft	DU17-S004 DU17-S004-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU17-S005 DU17-S005-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft
Chemical	CAS	Units											
General Chemistry													
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	462	—	—	—	—	—
pH	PH	std units	—	—	—	—	—	5.60	—	—	—	—	—
Metals													
Aluminum	7429-90-5	mg/kg	—	—	—	—	—	6870	10500 J+	2810	3520	11900	5820
Antimony	7440-36-0	mg/kg	—	—	—	—	—	< 0.250 U	< 0.325 U	0.156 J	< 0.288 UJ	< 0.252 U	< 0.238 U
Arsenic	7440-38-2	mg/kg	—	—	—	—	—	1.62	2.11	1.39	1.48	4.02	1.18
Barium	7440-39-3	mg/kg	—	—	—	—	—	39.9 J+	55.4 J+	13.7 J+	15.3 J+	41.9 J+	24.1 J+
Beryllium	7440-41-7	mg/kg	—	—	—	—	—	0.277	1.33	0.0980 J	0.115 J	0.446	0.389
Cadmium	7440-43-9	mg/kg	—	—	—	—	—	0.0797 J	0.273 J	< 0.115 UJ	0.0587 J	0.189 J	0.0690 J
Calcium (Ca)	7440-70-2	mg/kg	—	—	—	—	—	1720	918	521 J	713 J	1610	440
Chromium	7440-47-3	mg/kg	—	—	—	—	—	11.6	11.6	3.44	4.55	15.4	7.13
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	10.6	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	—	—	—	—	—	—	0.85	0.25	0.33	1.1	0.52
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	0.96	—	—	—	—	—
Cobalt	7440-48-4	mg/kg	—	—	—	—	—	2.41	1.70	0.318 J	0.437 J	3.92	0.646
Copper	7440-50-8	mg/kg	—	—	—	—	—	4.07	15.9	2.14	2.53	8.69	1.44
Iron (Fe)	7439-89-6	mg/kg	—	—	—	—	—	5810	3370 J	1690	1990	13200	2020
Lead	7439-92-1	mg/kg	—	—	—	—	—	5.45	12.1 J-	10.3	11.4	71.5	6.27
Magnesium (Mg)	7439-95-4	mg/kg	—	—	—	—	—	1970	693	254	304	1930	612
Manganese (Mn)	7439-96-5	mg/kg	—	—	—	—	—	150	99.2 J	41.3	47.7	139	32.6
Mercury	7439-97-6	mg/kg	—	—	—	—	—	0.0561 J	0.150 J	0.0277 J	0.0508 J	0.0417 J	0.0489 J
Nickel	7440-02-0	mg/kg	—	—	—	—	—	5.87	4.92	1.41 J	2.11 J	8.30	2.74
Potassium (K)	7440-09-7	mg/kg	—	—	—	—	—	1120	596	294	349	868	556
Selenium	7782-49-2	mg/kg	—	—	—	—	—	0.513 J	1.95	0.240 J	0.291 J	0.397 J	1.30
Silver	7440-22-4	mg/kg	—	—	—	—	—	< 0.0624 U	0.0981 J	0.0369 J	0.0576 J	< 0.0631 U	< 0.0595 U
Sodium (Na)	7440-23-5	mg/kg	—	—	—	—	—	156	117 J	79.2 J	76.3 J	97.7 J	103
Thallium	7440-28-0	mg/kg	—	—	—	—	—	0.102 J	0.0871 J	0.0526 J	0.0504 J	0.133 J	0.107 J
Vanadium	7440-62-2	mg/kg	—	—	—	—	—	14.8	11.2	5.27	5.92	25.9	6.98
Zinc	7440-66-6	mg/kg	—	—	—	—	—	22.7	20.8 J+	7.64	10.0	69.3	5.75 J
PCBs													
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—	—
SVOCs													
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.037 U	< 0.041 U	< 0.036 U	< 0.036 U	< 0.037 U	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	mg/kg	0.0021	0.007 J	< 0.0015 UJ	< 0.0014 U	0.00081 J	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	mg/kg	< 0.015 U	< 0.016 U	< 0.015 U	< 0.014 U	< 0.015 U	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	mg/kg	0.0025	0.008 J	< 0.0015 UJ	< 0.0014 U	0.0016 J	—	—	—	—	—	—
2-Methylphenol	95-48-7	mg/kg	< 0.037 U	< 0.041 U	< 0.036 U	< 0.036 U	< 0.037 U	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	mg/kg	< 0.037 U	< 0.041 U	< 0.036 U	< 0.036 U	< 0.037 U	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.037 U	< 0.041 U	< 0.036 U	< 0.036 U	< 0.037 U	—	—	—	—	—	—
4-Chloroaniline	106-47-8	mg/kg	< 0.073 U	< 0.082 U	< 0.073 U	< 0.071 U	< 0.074 U	—	—	—	—	—	—
Acenaphthene	83-32-9	mg/kg	0.0076	0.024	< 0.0015 UJ	0.0013 J	0.0043 J-	—	—	—	—	—	—
Acenaphthylene	208-96-8	mg/kg	0.0034	0.012 J	< 0.0015 UJ	0.00048 J	0.0010 J	—	—	—	—	—	—
Anthracene	120-12-7	mg/kg	0.020	0.060	< 0.0015 UJ	0.0031	0.031 J-	—	—	—	—	—	—
Benzaldehyde	100-52-7	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.14 U	< 0.15 U	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval		DU16-S012 DU16-S012-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU16-S013 DU16-S013-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU16-S014 DU16-S014-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU16-S015 DU16-S015-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU16-S016 DU16-S016-00-01 6/13/2017 N 2017 May PhaseIII 0 - 1 ft	DU17-S001 DU17-S001-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU17-S002 DU17-S002-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU17-S003 DU17-S003-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU17-S003 DU17-S003-00-01D 6/19/2017 FD DU17-S003-00-01 2017 MAY PHASEIII 0 - 1 ft	DU17-S004 DU17-S004-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU17-S005 DU17-S005-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft
Chemical	CAS	Units										
Benzo(a)anthracene	56-55-3	mg/kg	0.14	0.29	< 0.0015 UJ	0.023	0.067 J-	—	—	—	—	—
Benzo(a)pyrene	50-32-8	mg/kg	0.16	0.32	< 0.0015 UJ	0.035	0.062 J-	—	—	—	—	—
SVOCs Continued												
Benzo(b)fluoranthene	205-99-2	mg/kg	0.28	0.43	0.0011 J	0.045	0.098 J-	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.038	0.19	< 0.0015 UJ	0.028	0.015 J-	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	mg/kg	0.10	0.24	< 0.0015 UJ	0.015	0.040 J-	—	—	—	—	—
Benzoic acid	65-85-0	mg/kg	< 0.55 U	< 0.61 U	< 0.55 U	< 0.53 U	< 0.55 U	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.037 U	< 0.041 U	< 0.036 U	< 0.036 U	< 0.037 U	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.14 U	< 0.15 U	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.14 U	< 0.15 U	—	—	—	—	—
Caprolactam	105-60-2	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.14 U	< 0.15 U	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	< 0.037 U	0.037 J	< 0.036 U	< 0.036 U	< 0.037 U	—	—	—	—	—
Chrysene	218-01-9	mg/kg	0.15	0.32	0.00060 J	0.024	0.064 J-	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.015	0.054	< 0.0015 UJ	0.0076	0.0049 J-	—	—	—	—	—
Dibenzofuran	132-64-9	mg/kg	< 0.037 U	< 0.041 U	< 0.036 U	< 0.036 U	< 0.037 U	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.14 U	< 0.15 U	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.14 U	< 0.15 U	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.14 U	< 0.15 U	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.15 U	< 0.16 U	< 0.15 U	< 0.14 U	< 0.15 U	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	0.29	0.65	0.0012 J	0.023	0.15 J-	—	—	—	—	—
Fluorene	86-73-7	mg/kg	0.0072	0.025	< 0.0015 UJ	0.00086 J	0.0040 J-	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.047	0.19	< 0.0015 UJ	0.023	0.018 J-	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	0.0041	0.043	< 0.0015 UJ	< 0.0014 U	0.0014 J	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	0.11	0.30	< 0.0015 UJ	0.0095	0.071 J-	—	—	—	—	—
Pyrene	129-00-0	mg/kg	0.28	0.57	0.00090 J	0.025	0.11 J-	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.22	0.47	0.00026	0.052	0.086	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	1.2	2.6	0.0078	0.23	0.48	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	0.45	1.1	0.013	0.041	0.27	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	mg/kg	1.7	3.7	0.017	0.27	0.74	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU17-S006 DU17-S006-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU17-S007 DU17-S007-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU17-S008 DU17-S008-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU17-S009 DU17-S009-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU17-S010 DU17-S010-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU17-S011 DU17-S011-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU17-S012 DU17-S012-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU17-S013 DU17-S013-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU17-S014 DU17-S014-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU17-S015 DU17-S015-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU17-S016 DU17-S016-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	
Chemical	CAS	Units												
General Chemistry														
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	477	—	—	—	—	
pH	PH	std units	—	—	—	—	—	—	5.31	—	—	—	—	
Metals														
Aluminum	7429-90-5	mg/kg	6130	5890	8310	8680	3520	9230	12200	4270	6940	11400	9230	
Antimony	7440-36-0	mg/kg	0.218 J	0.280 J	0.163 J	0.108 J	< 0.234 U	< 0.235 U	0.301 J	< 0.187 U	0.172 J	0.357 J	0.153 J	
Arsenic	7440-38-2	mg/kg	2.70	2.43	2.77	2.01	1.14	2.49	4.10	1.65	2.95	3.23	3.57	
Barium	7440-39-3	mg/kg	25.1 J+	14.0 J+	20.5 J+	11.1 J+	22.5 J+	16.9 J+	52.2 J+	8.97 J+	11.9 J+	49.4 J+	71.8 J+	
Beryllium	7440-41-7	mg/kg	0.225 J	0.170 J	0.280	0.156 J	0.202 J	0.213 J	0.398	0.0910 J	0.137 J	0.353	0.402	
Cadmium	7440-43-9	mg/kg	0.117 J	0.0582 J	0.0627 J	0.0417 J	0.0601 J	0.0987 J	0.224 J+	< 0.0934 U	0.0699 J	0.183 J	0.471 J+	
Calcium (Ca)	7440-70-2	mg/kg	720	821	561	339	723	399	1630	300	294	1520	884	
Chromium	7440-47-3	mg/kg	7.72	7.16	10.9	8.83	6.18	10.4	16.7	5.44	8.38	12.9	15.4	
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	10.4	—	—	—	—	—	
Chromium(VI) (b)	18540-29-9	mg/kg	0.56	0.52	0.80	0.64	0.45	—	1.2	0.40	0.61	0.94	1.1	
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	< 0.52 U	—	—	—	—	—	
Cobalt	7440-48-4	mg/kg	1.36	1.18	2.21	1.07	0.711	1.60	3.70	0.903	1.54	2.67	4.03	
Copper	7440-50-8	mg/kg	5.51	5.22	4.97	1.47	0.944	2.91	22.0	1.40	2.92	10.8	10.1	
Iron (Fe)	7439-89-6	mg/kg	6900	7010	9680	8170	1980	9940	13300	7010	9270	13200	12900	
Lead	7439-92-1	mg/kg	20.3	19.9	20.9	7.00	8.28	14.8	47.2	5.01	15.9	31.5	17.4	
Magnesium (Mg)	7439-95-4	mg/kg	649	653	1210	532	687	789	1930	493	601	1280	2030	
Manganese (Mn)	7439-96-5	mg/kg	55.2	56.9	78.9	36.7	35.9	48.9	104	39.9	42.5	132	166	
Mercury	7439-97-6	mg/kg	0.0987 J	0.0493 J	0.0491 J	0.0441 J	0.0164 J	0.0517 J	0.0309 J	0.0366 J	0.0530 J	0.0417 J	0.0213 J	
Nickel	7440-02-0	mg/kg	3.24	3.22	5.06	3.12	2.58	4.08	9.91	2.19	3.58	5.63	8.39	
Potassium (K)	7440-09-7	mg/kg	484	386	601	245	412	358	658	220	323	769	1280	
Selenium	7782-49-2	mg/kg	0.810 J	0.340 J	0.342 J	0.403 J	0.154 J	0.432 J	0.434 J	0.168 J	0.371 J	0.733 J	0.251 J	
Silver	7440-22-4	mg/kg	0.0689 J	0.0530 J	0.0351 J	< 0.0552 U	< 0.0584 U	0.0458 J	0.0389 J	< 0.0467 U	0.0547 J	< 0.0669 U	0.0727 J	
Sodium (Na)	7440-23-5	mg/kg	117	< 93.8 U	< 77.9 U	< 88.3 U	122	< 94.0 U	76.8 J	< 74.8 U	< 90.8 U	82.9 J	81.9 J	
Thallium	7440-28-0	mg/kg	0.112 J	0.111 J	0.123 J	0.140 J	0.0652 J	0.111 J	0.123 J	0.0649 J	0.141 J	0.155 J	0.122 J	
Vanadium	7440-62-2	mg/kg	16.5	15.9	18.5	16.8	5.49	20.9	25.9	10.6	18.8	24.7	23.6	
Zinc	7440-66-6	mg/kg	24.4	19.9	23.9	10.2	6.17 J	20.3	122	7.48	13.1	47.7	52.0	
PCBs														
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
SVOCs														
1,4-Dichlorobenzene	106-46-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1-Methylnaphthalene	90-12-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
2-Chloronaphthalene	91-58-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
2-Methylnaphthalene	91-57-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
2-Methylphenol	95-48-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
3,4-Methylphenol	108394/106445	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
4-Chloro-3-methylphenol	59-50-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
4-Chloroaniline	106-47-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Acenaphthene	83-32-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Acenaphthylene	208-96-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Anthracene	120-12-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Benzaldehyde	100-52-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID		DU17-S006	DU17-S007	DU17-S008	DU17-S009	DU17-S010	DU17-S011	DU17-S012	DU17-S013	DU17-S014	DU17-S015	DU17-S016
Sample ID		DU17-S006-00-01	DU17-S007-00-01	DU17-S008-00-01	DU17-S009-00-01	DU17-S010-00-01	DU17-S011-00-01	DU17-S012-00-01	DU17-S013-00-01	DU17-S014-00-01	DU17-S015-00-01	DU17-S016-00-01
Sample Date		6/19/2017	6/19/2017	6/19/2017	6/19/2017	6/19/2017	6/19/2017	6/19/2017	6/19/2017	6/19/2017	6/19/2017	6/19/2017
Sample Type Code		N	N	N	N	N	N	N	N	N	N	N
Parent Sample ID												
Task Code		2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
Depth Interval		0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
Chemical	CAS	Units										
Benzo(a)anthracene	56-55-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	mg/kg	—	—	—	—	—	—	—	—	—	—
SVOCs Continued												
Benzo(b)fluoranthene	205-99-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	mg/kg	—	—	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	—	—	—	—	—	—	—	—	—	—
Chrysene	218-01-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Fluorene	86-73-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	—	—	—	—	—	—	—	—	—	—
Pyrene	129-00-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	—	—	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	—	—	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	—	—	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	mg/kg	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval	DU18-S001	DU18-S002	DU18-S003	DU18-S004	DU18-S004	DU18-S005	DU18-S006	DU18-S007	DU18-S008	DU18-S009	DU18-S010			
	DU18-S001-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU18-S002-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU18-S003-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU18-S004-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU18-S004-00-01D 6/19/2017 FD DU18-S004-00-01 2017 MAY PHASEIII 0 - 1 ft	DU18-S005-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU18-S006-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU18-S007-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU18-S008-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU18-S009-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft	DU18-S010-00-01 6/19/2017 N 2017 MAY PHASEIII 0 - 1 ft			
Chemical	CAS	Units												
General Chemistry														
Oxidation Reduction Potential	ORP	mV	443	—	—	—	—	—	—	—	—			
pH	PH	std units	5.24	—	—	—	—	—	—	—	—			
Metals														
Aluminum	7429-90-5	mg/kg	12100 J+	5760	7730	10600	10800	6670	5550	8720	7850	7350	6110	
Antimony	7440-36-0	mg/kg	< 0.216 U	0.108 J	< 0.197 U	0.111 J	< 0.229 UJ	< 0.191 U	< 0.229 U	0.104 J	0.144 J	0.153 J	0.127 J	
Arsenic	7440-38-2	mg/kg	3.29 J+	2.36	2.36	2.31	2.71	3.21	2.80	2.71	1.58	1.89	2.38	2.45
Barium	7440-39-3	mg/kg	17.9 J+	11.1	12.9	16.7	15.2	10.2	12.5	13.3	14.4	15.5	18.8	
Beryllium	7440-41-7	mg/kg	0.354 J	0.170 J	0.183 J	0.253	0.238	0.188 J	0.171 J	0.199	0.212 J	0.228	0.178 J	
Cadmium	7440-43-9	mg/kg	0.0938 J	< 0.0999 U	< 0.0984 U	< 0.102 U	< 0.115 U	< 0.0953 U	< 0.114 U	0.0403 J	0.0480 J	0.0766 J	< 0.110 U	
Calcium (Ca)	7440-70-2	mg/kg	346 J	435	346	455	390	424	446	307	555	509	504	
Chromium	7440-47-3	mg/kg	13.4	8.43	8.22	12.3	12.1	10.3	9.81	8.37	11.0	11.2	8.26	
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	13.4	—	—	—	—	—	—	—	—	—	—	
Chromium(VI) (b)	18540-29-9	mg/kg	—	0.62	0.60	0.90	0.88	0.75	0.72	0.61	0.80	0.82	0.60	
Chromium(VI)	18540-29-9	mg/kg	< 0.48 U	—	—	—	—	—	—	—	—	—	—	
Cobalt	7440-48-4	mg/kg	2.47	1.33	1.14	1.84	1.65	2.41	1.58	0.929	2.06	2.07	1.32	
Copper	7440-50-8	mg/kg	2.59 J	2.63	2.00	3.28	2.58	3.71	2.25	1.99	3.70	3.27	1.93	
Iron (Fe)	7439-89-6	mg/kg	14200 J+	11400	10300	12200	12400	11700	11300	9300	9570	12100	9780	
Lead	7439-92-1	mg/kg	8.14 J	9.93	5.45	5.93	6.45	6.24	9.04	6.74	7.35	10.2	8.52	
Magnesium (Mg)	7439-95-4	mg/kg	1110 J+	663	450	924	869	705	575	514	1240	843	525	
Manganese (Mn)	7439-96-5	mg/kg	89.5 J+	68.3	54.0	73.2	73.7	73.6	67.8	44.6	85.3	87.3	64.0	
Mercury	7439-97-6	mg/kg	0.0240 J	0.0321 J	0.0349 J	0.0306 J	0.0346 J	0.0192 J	0.0290 J	0.0699 J	0.0458 J	0.0494 J	0.0335 J	
Nickel	7440-02-0	mg/kg	6.25	3.34	3.44	5.20	5.23	3.85	4.14	3.13	5.17	4.98	3.81	
Potassium (K)	7440-09-7	mg/kg	436 J	288	243	343	322	338	265	262	448	344	334	
Selenium	7782-49-2	mg/kg	0.447 J	0.208 J	0.320 J	0.348 J	0.381 J	0.294 J	0.226 J	0.391 J	0.263 J	0.302 J	0.237 J	
Silver	7440-22-4	mg/kg	< 0.0539 U	< 0.0499 U	0.0372 J	< 0.0510 U	< 0.0574 U	< 0.0476 U	0.0402 J	0.0314 J	0.0350 J	0.0263 J	< 0.0552 U	
Sodium (Na)	7440-23-5	mg/kg	61.3 J	72.6 J	50.5 J	71.2 J	76.0 J	58.6 J	63.6 J	47.1 J	90.9 J	80.6	81.0 J	
Thallium	7440-28-0	mg/kg	0.0905 J	0.0749 J	0.102 J	0.106 J	0.0941 J	0.0551 J	0.0693 J	0.112 J	0.0590 J	0.0850 J	0.0720 J	
Vanadium	7440-62-2	mg/kg	26.1 J+	21.6	20.5	24.2	24.0	21.8	22.0	19.4	19.3	24.3	19.9	
Zinc	7440-66-6	mg/kg	31.0 J+	10.5	10.7	16.4	17.4	12.9	11.3	10.5	18.5	16.7	11.4	
PCBs														
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
SVOCs														
1,4-Dichlorobenzene	106-46-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1-Methylnaphthalene	90-12-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
2-Chloronaphthalene	91-58-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
2-Methylnaphthalene	91-57-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
2-Methylphenol	95-48-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
3,4-Methylphenol	108394/106445	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
4-Chloro-3-methylphenol	59-50-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
4-Chloroaniline	106-47-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Acenaphthene	83-32-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Acenaphthylene	208-96-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Anthracene	120-12-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Benzaldehyde	100-52-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID		DU18-S001	DU18-S002	DU18-S003	DU18-S004	DU18-S004	DU18-S005	DU18-S006	DU18-S007	DU18-S008	DU18-S009	DU18-S010
Sample ID		DU18-S001-00-01	DU18-S002-00-01	DU18-S003-00-01	DU18-S004-00-01	DU18-S004-00-01D	DU18-S005-00-01	DU18-S006-00-01	DU18-S007-00-01	DU18-S008-00-01	DU18-S009-00-01	DU18-S010-00-01
Sample Date		6/19/2017	6/19/2017	6/19/2017	6/19/2017	6/19/2017	6/19/2017	6/19/2017	6/19/2017	6/19/2017	6/19/2017	6/19/2017
Sample Type Code		N	N	N	N	FD	N	N	N	N	N	N
Parent Sample ID						DU18-S004-00-01						
Task Code		2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
Depth Interval		0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
Chemical	CAS	Units										
Benzo(a)anthracene	56-55-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	mg/kg	—	—	—	—	—	—	—	—	—	—
SVOCs Continued												
Benzo(b)fluoranthene	205-99-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	mg/kg	—	—	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	—	—	—	—	—	—	—	—	—	—
Chrysene	218-01-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Fluorene	86-73-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	—	—	—	—	—	—	—	—	—	—
Pyrene	129-00-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	—	—	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	—	—	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	—	—	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	mg/kg	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	DU18-S011	DU18-S012	DU18-S013	DU18-S014	DU18-S015	DU18-S016
	Sample ID	DU18-S011-00-01	DU18-S012-00-01	DU18-S013-00-01	DU18-S014-00-01	DU18-S015-00-01	DU18-S016-00-01
	Sample Date	6/19/2017	6/19/2017	6/19/2017	6/19/2017	6/19/2017	6/19/2017
	Sample Type Code	N	N	N	N	N	N
	Parent Sample ID						
	Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
	Depth Interval	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
Chemical	CAS	Units					
General Chemistry							
Oxidation Reduction Potential	ORP	mV	490	—	—	—	—
pH	PH	std units	5.04	—	—	—	—
Metals							
Aluminum	7429-90-5	mg/kg	6250	6670	5840	5710	11400
Antimony	7440-36-0	mg/kg	< 0.246 U	0.128 J	< 0.209 U	0.151 J	< 0.219 U
Arsenic	7440-38-2	mg/kg	2.37	1.82	2.30	1.97	2.09
Barium	7440-39-3	mg/kg	19.7	10.9	15.1	10.2	46.0
Beryllium	7440-41-7	mg/kg	0.182 J	0.198 J	0.220	0.122 J	0.473
Cadmium	7440-43-9	mg/kg	< 0.123 U	< 0.117 U	0.116 J	< 0.101 U	< 0.110 U
Calcium (Ca)	7440-70-2	mg/kg	753	249	231	339	613
Chromium	7440-47-3	mg/kg	7.21	7.07	7.91	7.48	18.4
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	6.7	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	—	0.52	0.58	0.55	1.3
Chromium(VI)	18540-29-9	mg/kg	0.47 J	—	—	—	—
Cobalt	7440-48-4	mg/kg	1.21	1.37	1.22	0.727	6.07
Copper	7440-50-8	mg/kg	9.65	2.01	2.85	1.96	9.01
Iron (Fe)	7439-89-6	mg/kg	9670	9170	6500	9480	13700
Lead	7439-92-1	mg/kg	7.72	9.50	13.2	7.57	5.52
Magnesium (Mg)	7439-95-4	mg/kg	483	643	683	406	2740
Manganese (Mn)	7439-96-5	mg/kg	66.8	41.7	41.2	44.9	162
Mercury	7439-97-6	mg/kg	0.0509 J	0.0389 J	0.0477 J	0.0258 J	< 0.0187 U
Nickel	7440-02-0	mg/kg	3.88	3.67	2.86	2.84	9.59
Potassium (K)	7440-09-7	mg/kg	263	272	516	271	1650
Selenium	7782-49-2	mg/kg	0.343 J	0.299 J	0.548 J	0.301 J	0.252 J
Silver	7440-22-4	mg/kg	0.0434 J	< 0.0583 U	< 0.0522 U	< 0.0507 U	< 0.0548 U
Sodium (Na)	7440-23-5	mg/kg	74.8 J	69.3 J	84.5	71.3 J	111
Thallium	7440-28-0	mg/kg	0.0628 J	0.0842 J	0.126 J	0.0779 J	0.190 J
Vanadium	7440-62-2	mg/kg	19.4	20.8	14.3	19.3	26.1
Zinc	7440-66-6	mg/kg	14.4	9.14	7.97	6.67	25.2
PCBs							
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—
SVOCs							
1,4-Dichlorobenzene	106-46-7	mg/kg	—	—	—	—	—
1-Methylnaphthalene	90-12-0	mg/kg	—	—	—	—	—
2-Chloronaphthalene	91-58-7	mg/kg	—	—	—	—	—
2-Methylnaphthalene	91-57-6	mg/kg	—	—	—	—	—
2-Methylphenol	95-48-7	mg/kg	—	—	—	—	—
3,4-Methylphenol	108394/106445	mg/kg	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	mg/kg	—	—	—	—	—
4-Chloroaniline	106-47-8	mg/kg	—	—	—	—	—
Acenaphthene	83-32-9	mg/kg	—	—	—	—	—
Acenaphthylene	208-96-8	mg/kg	—	—	—	—	—
Anthracene	120-12-7	mg/kg	—	—	—	—	—
Benzaldehyde	100-52-7	mg/kg	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	DU18-S011	DU18-S012	DU18-S013	DU18-S014	DU18-S015	DU18-S016
		Sample ID	DU18-S011-00-01	DU18-S012-00-01	DU18-S013-00-01	DU18-S014-00-01	DU18-S015-00-01	DU18-S016-00-01
		Sample Date	6/19/2017	6/19/2017	6/19/2017	6/19/2017	6/19/2017	6/19/2017
		Sample Type Code	N	N	N	N	N	N
		Parent Sample ID						
		Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
		Depth Interval	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
Chemical	CAS	Units						
Benzo(a)anthracene	56-55-3	mg/kg	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	mg/kg	—	—	—	—	—	—
SVOCs Continued								
Benzo(b)fluoranthene	205-99-2	mg/kg	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	mg/kg	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	mg/kg	—	—	—	—	—	—
Benzoic acid	65-85-0	mg/kg	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	mg/kg	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	—	—	—	—	—	—
Caprolactam	105-60-2	mg/kg	—	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	—	—	—	—	—	—
Chrysene	218-01-9	mg/kg	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	mg/kg	—	—	—	—	—	—
Dibenzofuran	132-64-9	mg/kg	—	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	—	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	—	—	—	—	—	—
Fluorene	86-73-7	mg/kg	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	—	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	—	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	—	—	—	—	—	—
Pyrene	129-00-0	mg/kg	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	mg/kg	—	—	—	—	—	—

Appendix B2 Table 7
Analytical Data Summary Tables - Phase III Surface Soil
Camp Hero Remedial Investigation
Montauk, New York

Notes:

< - Result not detected above the limit of detection.

BaP = benzo(a)pyrene

CALC - Calculated.

CAS - Chemical Abstracts Service.

FD - Field duplicate.

ft - feet.

J - The analyte was positively identified; the associated numerical value is an estimated quantity with an unknown bias

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

HMW - High molecular weight.

LMW - Low molecular weight.

mg/kg - milligram per kilogram.

mV - millivolt.

N - Normal sample.

ORP - Oxidation Reduction Potential.

PAH - Polycyclic Aromatic Hydrocarbon.

PCB - Polychlorinated Biphenyl.

SVOC - Semivolatile organic compound.

TEQ - Toxic Equivalency

U - The analyte was not detected above the limit of detection.

UJ - The analyte was not detected above the reported limit of detection. However, the reported limit of detection is approximate and may or may not represent the actual limit of detection necessary to accurately and precisely measure the analyte in the sample.

VOC -Volatile organic compound.

(a) Chromium III concentrations were calculated by the laboratory by subtracting chromium IV from total chromium, and were reported to two significant figures.

(b) Chromium VI concentrations in these samples were calculated from total chromium concentrations using ratio presented in Appendix C

Appendix B2 Table 8
Analytical Data Summary Tables - Phase II Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	203-SB33	203-SB34	203-SB34	203-SB35	203-SB36	203-SB36	203-SB37	
Sample ID	203-SB33-07	203-SB34-10	203-SB34-40	203-SB35-33	203-SB36-26	203-SB36-26FD	203-SB37-25		
Sample Date	12/8/2016	12/12/2016	12/14/2016	12/8/2016	12/8/2016	12/8/2016	12/8/2016		
Sample Type Code	N	N	N	N	N	FD	N		
Parent Sample ID						203-SB36-26			
Task Code	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII		
Depth Interval	6 - 7 ft	9 - 10 ft	39 - 40 ft	32 - 33 ft	25 - 26 ft	25 - 26 ft	24 - 25 ft		
Chemical	CAS	Units							
General Chemistry									
Oxidation Reduction Potential	ORP	mV	317	491	434	404	417	441	445
pH	PH	std units	10.6 J	7.15	8.93	8.76	8.03	7.95	8.52
Metals									
Aluminum	7429-90-5	mg/kg	13300	11100	33600	9970	17900 J	11500 J	6950
Antimony	7440-36-0	mg/kg	< 0.182 U	< 0.180 U	< 0.207 U	< 0.153 U	< 0.216 UJ	< 0.214 U	< 0.158 U
Arsenic	7440-38-2	mg/kg	3.40	2.71	8.22	2.60	3.88 J	2.41 J	2.23
Barium	7440-39-3	mg/kg	55.5	58.9	357	45.8	112 J	71.8 J	52.8
Beryllium	7440-41-7	mg/kg	0.517	0.478	1.67	0.387	0.736 J	0.504 J	0.300
Cadmium	7440-43-9	mg/kg	< 0.0910 U	< 0.0900 U	0.0512 J	< 0.0765 U	0.0656 J	0.0590 J	0.0418 J
Calcium (Ca)	7440-70-2	mg/kg	6920	701	4070	1010	2080 J	1080 J	1130
Chromium	7440-47-3	mg/kg	20.5	16.1	68.4	12.6	33.0 J	22.1 J	15.7
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	20.1	15.4	68.4	12.6	32.3 J	21.5 J	15.2
Chromium(VI)	18540-29-9	mg/kg	0.39 J	0.61	< 0.58 U	< 0.45 U	0.64	0.58	0.42 J
Cobalt	7440-48-4	mg/kg	6.58	7.11	21.4	7.79	10.1 J	7.83	4.89
Copper	7440-50-8	mg/kg	10.1	9.86	42.1	15.3	19.0 J	13.3 J	8.76
Iron (Fe)	7439-89-6	mg/kg	17000	12300	52800	20100	24700 J-	19200	11200
Lead	7439-92-1	mg/kg	5.26	4.11	15.2	4.01	7.13 J	5.07 J	3.24
Magnesium (Mg)	7439-95-4	mg/kg	3830	2920	15600	3600	6670 J	4140 J	2590
Manganese (Mn)	7439-96-5	mg/kg	322	163	1000	217	310 J	218 J	152
Mercury	7439-97-6	mg/kg	< 0.0179 U	< 0.0174 U	< 0.0217 U	< 0.0185 U	< 0.0191 U	< 0.0190 U	< 0.0173 U
Nickel	7440-02-0	mg/kg	12.0	10.2	46.7	8.65	21.6 J	14.3 J	10.6
Potassium (K)	7440-09-7	mg/kg	2380	2040	14900	1640	5080 J	3070 J	1890
Selenium	7782-49-2	mg/kg	0.112 J	0.109 J	0.130 J	0.159 J	0.161 J	0.100 J	< 0.158 U
Silver	7440-22-4	mg/kg	< 0.0455 U	< 0.0450 U	0.0481 J	< 0.0383 U	0.0292 J	< 0.0534 UJ	< 0.0396 U
Sodium (Na)	7440-23-5	mg/kg	176	91.8	733	119	283 J	186 J	197
Thallium	7440-28-0	mg/kg	0.173 J	0.181	0.647	0.115 J	0.318 J	0.175 J	0.139 J
Vanadium	7440-62-2	mg/kg	31.5	24.8	104	30.4	49.0 J	30.7 J	22.0
Zinc	7440-66-6	mg/kg	26.7	21.4	113	26.6	48.1 J	31.6 J	22.3
SVOCs									
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.039 U	< 0.037 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.039 U	< 0.037 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.039 U	< 0.037 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.039 U	< 0.037 U
1-Methylnaphthalene	90-12-0	mg/kg	0.0033	< 0.0015 U	0.11	13	7.0 J	7.6	1.5
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.039 U	< 0.037 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.039 U	< 0.037 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.039 U	< 0.037 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.039 U	< 0.037 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.1 U	< 1.1 U	< 1.4 U	< 1.1 U	< 1.2 U	< 1.2 U	< 1.1 U
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.18 U	< 0.19 U	< 0.23 U	< 0.18 U	< 0.20 U	< 0.20 U	< 0.18 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.039 U	< 0.037 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.015 U	< 0.015 U	< 0.019 U	< 0.015 U	< 0.016 U	< 0.016 U	< 0.015 U
2-Chlorophenol	95-57-8	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.039 U	< 0.037 U
2-Methylnaphthalene	91-57-6	mg/kg	0.0014 J	0.00098 J	0.19	21	12 J	13	1.6
2-Methylphenol	95-48-7	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.039 U	< 0.037 U
2-Nitroaniline	88-74-4	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.039 U	< 0.037 U
2-Nitrophenol	88-75-5	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.039 U	< 0.037 U
3,3-Dichlorobenzidine	91-94-1	mg/kg	< 0.37 U	< 0.37 U	< 0.46 U	< 0.37 U	< 0.40 UJ	< 0.39 U	< 0.37 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.039 U	< 0.037 U
3-Nitroaniline	99-09-2	mg/kg	< 0.15 U	< 0.15 U	< 0.19 U	< 0.15 U	< 0.16 U	< 0.16 U	< 0.15 U
4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.56 U	< 0.69 U	< 0.55 U	< 0.61 U	< 0.59 U	< 0.55 U
4-Bromophenyl-phenylether	101-55-3	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.039 U	< 0.037 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.039 U	< 0.037 U

Appendix B2 Table 8
Analytical Data Summary Tables - Phase II Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	203-SB33	203-SB34	203-SB34	203-SB35	203-SB36	203-SB36	203-SB37
	Sample ID	203-SB33-07	203-SB34-10	203-SB34-40	203-SB35-33	203-SB36-26	203-SB36-26FD	203-SB37-25
	Sample Date	12/8/2016	12/12/2016	12/14/2016	12/8/2016	12/8/2016	12/8/2016	12/8/2016
	Sample Type Code	N	N	N	N	N	FD	N
	Parent Sample ID						203-SB36-26	
	Task Code	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII
	Depth Interval	6 - 7 ft	9 - 10 ft	39 - 40 ft	32 - 33 ft	25 - 26 ft	25 - 26 ft	24 - 25 ft
Chemical	CAS	Units						
4-Chloroaniline	106-47-8	mg/kg	< 0.073 U	< 0.074 U	< 0.093 U	< 0.074 U	< 0.081 U	< 0.074 U
4-Chlorophenyl-phenylether	7005-72-3	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.037 U
SVOCs Continued								
4-Nitroaniline	100-01-6	mg/kg	< 0.15 U	< 0.15 U	< 0.19 U	< 0.15 U	< 0.16 U	< 0.15 U
4-Nitrophenol	100-02-7	mg/kg	< 0.55 U	< 0.56 U	< 0.69 U	< 0.55 U	< 0.61 U	< 0.55 U
Acenaphthene	83-32-9	mg/kg	< 0.0015 U	< 0.0015 U	0.015	0.93	0.64	0.23
Acenaphthylene	208-96-8	mg/kg	< 0.0015 U	< 0.0015 U	0.0059	0.36	0.24	0.085
Acetophenone	98-86-2	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.037 U
Anthracene	120-12-7	mg/kg	0.00065 J	< 0.0015 U	0.0075	0.43	0.26	0.095
Atrazine	1912-24-9	mg/kg	< 0.15 U	< 0.15 U	< 0.19 U	< 0.15 U	< 0.16 U	< 0.15 U
Benzaldehyde	100-52-7	mg/kg	< 0.15 U	< 0.15 U	< 0.19 U	< 0.15 U	< 0.16 U	< 0.15 U
Benzo(a)anthracene	56-55-3	mg/kg	0.0016 J	< 0.0015 U	0.0010 J	0.012 J	0.006 J	0.004 J
Benzo(a)pyrene	50-32-8	mg/kg	0.0037	< 0.0015 U	< 0.0019 U	0.011 J	< 0.016 UJ	< 0.015 U
Benzo(b)fluoranthene	205-99-2	mg/kg	0.0040	< 0.0015 U	0.0022 J	0.011 J	< 0.016 UJ	< 0.015 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.0022	< 0.0015 U	< 0.0019 U	0.008 J	< 0.016 U	< 0.015 U
Benzo(k)fluoranthene	207-08-9	mg/kg	0.0012 J	< 0.0015 U	< 0.0019 U	0.006 J	< 0.016 U	< 0.015 U
Benzoic acid	65-85-0	mg/kg	< 0.55 U	< 0.56 U	< 0.69 U	< 0.55 U	< 0.61 UJ	< 0.55 U
Benzyl Alcohol	100-51-6	mg/kg	< 0.55 U	< 0.56 U	< 0.69 U	< 0.55 U	< 0.61 U	< 0.55 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.037 U	< 0.037 U	0.045 J	2.0	1.7	0.44
Bis(2-chloro-1-methylethyl) ether	108-60-1	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.037 U
Bis(2-chloroethoxy)methane	111-91-1	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.037 U
Bis(2-chloroethyl)ether	111-44-4	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.037 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.15 U	< 0.15 U	< 0.19 U	< 0.15 U	< 0.16 U	< 0.15 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.15 U	< 0.15 U	< 0.19 U	< 0.15 U	< 0.16 U	< 0.15 U
Caprolactam	105-60-2	mg/kg	< 0.15 U	< 0.15 U	< 0.19 U	< 0.15 U	< 0.16 U	< 0.15 U
CARBAZOLE	86-74-8	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.037 U
Chrysene	218-01-9	mg/kg	0.0022	< 0.0015 U	0.0026	0.014 J	0.012 J	< 0.015 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.0015 U	< 0.0015 U	< 0.0019 U	< 0.015 U	< 0.016 U	< 0.015 U
Dibenzofuran	132-64-9	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	0.84	0.58 J	0.20
Diethyl phthalate	84-66-2	mg/kg	< 0.15 U	< 0.15 U	< 0.19 U	< 0.15 U	< 0.16 U	< 0.15 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.15 U	< 0.15 U	< 0.19 U	< 0.15 U	< 0.16 U	< 0.15 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.15 U	< 0.15 U	< 0.19 U	< 0.15 U	< 0.16 U	< 0.15 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.15 U	< 0.15 U	< 0.19 U	< 0.15 U	< 0.16 U	< 0.15 U
Fluoranthene	206-44-0	mg/kg	0.0032	< 0.0015 U	0.0044	0.078	0.039 J	0.013 J
Fluorene	86-73-7	mg/kg	0.00081 J	< 0.0015 U	0.033	1.2	0.91	0.29
Hexachlorobenzene	118-74-1	mg/kg	< 0.015 U	< 0.015 U	< 0.019 U	< 0.015 U	< 0.016 U	< 0.015 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.037 U
hexachlorocyclopentadiene	77-47-4	mg/kg	< 0.55 UJ	< 0.56 U	< 0.69 U	< 0.55 U	< 0.61 UJ	< 0.55 U
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U	< 0.19 U	< 0.15 U	< 0.16 U	< 0.15 U
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.0020	< 0.0015 U	< 0.0019 U	0.006 J	< 0.016 U	< 0.015 U
Isophorone	78-59-1	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.037 U
Naphthalene	91-20-3	mg/kg	0.0021	< 0.0015 U	0.015	6.0	3.1 J+	0.17
Nitrobenzene	98-95-3	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.037 U
n-Nitrosodimethylamine	62-75-9	mg/kg	< 0.18 U	< 0.19 U	< 0.23 U	< 0.18 U	< 0.20 U	< 0.18 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.037 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.037 U
Pentachlorophenol	87-86-5	mg/kg	< 0.15 U	< 0.15 U	< 0.19 U	< 0.15 U	< 0.16 U	< 0.15 U
Phenanthrene	85-01-8	mg/kg	0.0030	0.0013 J	0.089	2.9	1.8 J	0.69
Phenol	108-95-2	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.037 U
Pyrene	129-00-0	mg/kg	0.0025	< 0.0015 U	0.0069	0.16	0.11 J	0.040
Tetrachlorobenzene, 1,2,4,5-	95-94-3	mg/kg	< 0.037 U	< 0.037 U	< 0.046 U	< 0.037 U	< 0.040 U	< 0.037 U
Tetrachlorophenol, 2,3,4,6-	58-90-2	mg/kg	< 0.15 U	< 0.15 U	< 0.19 U	< 0.15 U	< 0.16 U	< 0.15 U

Appendix B2 Table 8
Analytical Data Summary Tables - Phase II Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	203-SB33	203-SB34	203-SB34	203-SB35	203-SB36	203-SB36	203-SB37	
	Sample ID	203-SB33-07	203-SB34-10	203-SB34-40	203-SB35-33	203-SB36-26	203-SB36-26FD	203-SB37-25	
	Sample Date	12/8/2016	12/12/2016	12/14/2016	12/8/2016	12/8/2016	12/8/2016	12/8/2016	
	Sample Type Code	N	N	N	N	N	FD	N	
	Parent Sample ID						203-SB36-26		
	Task Code	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	2016 Dec PhaseII	
	Depth Interval	6 - 7 ft	9 - 10 ft	39 - 40 ft	32 - 33 ft	25 - 26 ft	25 - 26 ft	24 - 25 ft	
Chemical	CAS	Units							
VOCs									
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	mg/kg	< 0.003 U	< 0.003 U	< 0.004 U	< 0.17 U	< 0.18 UJ	< 0.17 U	< 0.19 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
1,2,3-Trichloropropane	96-18-4	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	< 0.003 U	< 0.003 U	< 0.004 U	< 0.17 U	< 0.18 U	< 0.17 U	< 0.19 U
1,2-Dibromoethane	106-93-4	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
1,4-Dioxane	123-91-1	mg/kg	< 0.17 U	< 0.15 U	< 0.22 U	< 8.4 UJ	< 8.8 UJ	< 8.5 UJ	< 9.3 UJ
2-Butanone	78-93-3	mg/kg	< 0.007 U	< 0.006 U	< 0.009 U	< 0.33 U	< 0.35 U	< 0.34 U	< 0.37 U
2-Hexanone	591-78-6	mg/kg	< 0.007 U	< 0.006 U	< 0.009 U	< 0.33 U	< 0.35 U	< 0.34 U	< 0.37 U
4-Methyl-2-pentanone	108-10-1	mg/kg	< 0.007 UJ	< 0.006 U	< 0.009 UJ	< 0.33 U	< 0.35 U	< 0.34 U	< 0.37 U
Acetone	67-64-1	mg/kg	0.012 J	0.006 J	< 0.017 U	< 0.67 U	< 0.71 U	< 0.68 U	< 0.75 U
Benzene	71-43-2	mg/kg	< 0.002 U	< 0.002 U	0.0006 J	0.022 J	0.098 J	0.16 J	< 0.093 U
Bromochloromethane	74-97-5	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
Bromodichloromethane	75-27-4	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
Bromoform	75-25-2	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
Bromomethane	74-83-9	mg/kg	< 0.003 U	< 0.003 U	< 0.004 U	< 0.17 U	< 0.18 U	< 0.17 U	< 0.19 U
Carbon disulfide	75-15-0	mg/kg	0.002 J	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
Chlorobenzene	108-90-7	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
Chloroethane	75-00-3	mg/kg	< 0.003 U	< 0.003 U	< 0.004 U	< 0.17 U	< 0.18 U	< 0.17 U	< 0.19 U
Chloroform	67-66-3	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
Chloromethane	74-87-3	mg/kg	< 0.003 U	< 0.003 U	< 0.004 U	< 0.17 U	< 0.18 UJ	< 0.17 U	< 0.19 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
cyclohexane	110-82-7	mg/kg	< 0.002 U	< 0.002 U	0.002 J	< 0.084 U	0.067 J	0.44 J	< 0.093 U
Dibromochloromethane	124-48-1	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.003 U	< 0.003 U	< 0.004 U	< 0.17 U	< 0.18 UJ	< 0.17 U	< 0.19 U
Ethylbenzene	100-41-4	mg/kg	< 0.002 U	< 0.002 U	0.005 J	0.34	0.34 J	1.4 J	0.055 J
Isopropylbenzene	98-82-8	mg/kg	< 0.002 U	< 0.002 U	0.003 J	0.14 J	0.12 J	0.61 J	0.054 J
m,p-Xylene	108383/106423	mg/kg	< 0.002 U	< 0.002 U	0.009	0.45	0.37 J	1.4 J	< 0.093 U
Methyl tert-butyl ether	1634-04-4	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
Methylacetate	79-20-9	mg/kg	< 0.003 U	< 0.003 U	< 0.004 U	0.29	< 0.18 U	< 0.17 U	< 0.19 U
methylcyclohexane	108-87-2	mg/kg	< 0.002 U	< 0.002 U	0.013	0.096 J	0.29 J	2.1 J	0.22 J
Methylene chloride	75-09-2	mg/kg	< 0.003 U	< 0.003 U	< 0.004 U	< 0.17 U	< 0.18 U	< 0.17 U	< 0.19 U
o-Xylene	95-47-6	mg/kg	< 0.002 U	< 0.002 U	0.002 J	0.090 J	0.20 J	0.32 J	< 0.093 U
Styrene	100-42-5	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
Tetrachloroethene	127-18-4	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
Toluene	108-88-3	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
Trichloroethene	79-01-6	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 U	< 0.085 U	< 0.093 U
Trichlorofluoromethane	75-69-4	mg/kg	< 0.003 U	< 0.003 U	< 0.004 U	< 0.17 U	< 0.18 UJ	< 0.17 U	< 0.19 U
Vinyl Acetate	108-05-4	mg/kg	< 0.003 U	< 0.003 U	< 0.004 U	< 0.17 U	< 0.18 U	< 0.17 U	< 0.19 U
Vinyl chloride	75-01-4	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.084 U	< 0.088 UJ	< 0.085 U	< 0.093 U
Xylenes (total)	1330-20-7	mg/kg	< 0.002 U	< 0.002 U	0.011	0.54	0.57 J	1.8 J	< 0.093 U

Appendix B2 Table 8
Analytical Data Summary Tables - Phase II Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

Notes:

< - Result not detected above the limit of detection.

CAS - Chemical Abstracts Service.

FD - Field duplicate.

ft - feet.

J - The analyte was positively identified; the associated numerical value is an estimated quantity with an unknown bias

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

mg/kg - milligram per kilogram.

mV - millivolt.

N - Normal sample.

ORP - Oxidation Reduction Potential.

PAH - Polycyclic Aromatic Hydrocarbon.

SVOC - Semivolatile organic compound.

U - The analyte was not detected above the limit of detection.

UJ - The analyte was not detected above the reported limit of detection. However, the reported limit of detection is approximate and may or may not represent the actual limit of detection necessary to accurately and precisely measure the analyte in the sample.

VOC -Volatile organic compound.

(a) Chromium III concentrations were calculated by the laboratory by subtracting chromium IV from total chromium, and were reported to two significant figures.

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU01-S001 DU01-S001-01-10 6/14/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU01-S002 DU01-S002-01-10 6/14/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU01-S002 DU01-S002-01-10D 6/14/2017 FD DU01-S002-01-10 2017 MAY PHASEIII 1 - 10 ft	DU01-S003 DU01-S003-01-10 6/14/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU01-S004 DU01-S004-01-10 6/14/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU01-S005 DU01-S005-01-10 6/14/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU01-S006 DU01-S006-01-10 6/14/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU01-S007 DU01-S007-01-10 6/14/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU01-S008 DU01-S008-01-10 6/14/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU01-S009 DU01-S009-01-10 6/14/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU01-S010 DU01-S010-01-10 6/14/2017 N 2017 MAY PHASEIII 1 - 10 ft
Chemical	CAS	Units											
VOCs Continued													
Carbon disulfide	75-15-0	mg/kg	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	0.002 J	< 0.002 U	0.003 J	< 0.002 U	< 0.002 U	< 0.002 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Chloroethane	75-00-3	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.005 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.003 U	< 0.004 U
Chloroform	67-66-3	mg/kg	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
cyclohexane	110-82-7	mg/kg	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.002 U	0.012	< 0.002 U	< 0.002 U	< 0.002 U
Ethylbenzene	100-41-4	mg/kg	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.002 U	0.002 J	0.006	< 0.002 U	< 0.002 U	< 0.002 U
Isopropylbenzene	98-82-8	mg/kg	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.002 U	0.004 J	0.025	< 0.002 U	< 0.002 U	< 0.002 U
m,p-Xylene	108383/106423	mg/kg	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.002 U	0.002 J	0.003 J	< 0.002 U	< 0.002 U	< 0.002 U
Methyl tert-butyl ether	1634-04-4	mg/kg	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Methylacetate	79-20-9	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.005 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.003 U	< 0.004 U
methylcyclohexane	108-87-2	mg/kg	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.002 U	0.002 J	0.056	< 0.002 U	< 0.002 U	< 0.002 U
Methylene chloride	75-09-2	mg/kg	< 0.003 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.005 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.003 U	< 0.004 U
n-Butylbenzene	104-51-8	mg/kg	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	0.002 J	0.009	0.060	< 0.002 U	< 0.002 U	< 0.002 U
n-Propylbenzene	103-65-1	mg/kg	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	0.001 J	0.007	0.043	< 0.002 U	< 0.002 U	< 0.002 U
o-Xylene	95-47-6	mg/kg	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
sec-Butylbenzene	135-98-8	mg/kg	0.003 J	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	0.003 J	0.010	0.062	< 0.002 U	< 0.002 U	< 0.002 U
tert-Butylbenzene	98-06-6	mg/kg	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.002 U	0.004 J	0.008	< 0.002 U	< 0.002 U	< 0.002 U
Tetrachloroethene	127-18-4	mg/kg	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Toluene	108-88-3	mg/kg	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Trichloroethene	79-01-6	mg/kg	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Vinyl chloride	75-01-4	mg/kg	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Xylenes (total)	1330-20-7	mg/kg	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.002 U	0.002 J	0.003 J	< 0.002 U	< 0.002 U	< 0.002 U

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID	DU01-S011	DU01-S011	DU01-S012	DU01-S013	DU01-S014	DU01-S015	DU01-S016	DU03-S001	DU03-S001	DU03-S002	DU03-S003		
Sample ID	DU01-S011-01-10	DU01-S011-01-10D	DU01-S012-01-10	DU01-S013-01-10	DU01-S014-01-10	DU01-S015-01-10	DU01-S016-01-10	DU03-S001-01-02	DU03-S001-01-02D	DU03-S002-01-02	DU03-S003-01-02		
Sample Date	6/14/2017	6/14/2017	6/14/2017	6/14/2017	6/14/2017	6/14/2017	6/14/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017		
Sample Type Code	N	FD	N	N	N	N	N	N	FD	N	N		
Parent Sample ID		DU01-S011-01-10							DU03-S001-01-02				
Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII		
Depth Interval	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft		
Chemical	CAS	Units											
General Chemistry													
Oxidation Reduction Potential	ORP	mV	344	293	—	—	—	—	—	—	—		
pH	PH	std units	7.67	7.80	—	—	—	—	—	—	—		
Metals													
Aluminum	7429-90-5	mg/kg	9680	9720	22300	7670	8680	11600	28400	—	—		
Antimony	7440-36-0	mg/kg	< 0.195 U	< 0.175 U	< 0.214 U	< 0.210 U	< 0.204 U	< 0.173 U	< 0.175 U	—	—		
Arsenic	7440-38-2	mg/kg	2.62	2.16	5.50	7.13	2.15	2.69	9.24	—	—		
Barium	7440-39-3	mg/kg	49.5	46.6	159	40.3	42.0	58.1	212	—	—		
Beryllium	7440-41-7	mg/kg	0.385	0.414	0.998	0.360	0.333	0.491	1.30	—	—		
Cadmium	7440-43-9	mg/kg	< 0.0975 U	< 0.0877 U	0.0518 J	< 0.105 U	< 0.102 U	0.0300 J	0.0679 J	—	—		
Calcium (Ca)	7440-70-2	mg/kg	2880 J	1750 J	1950	619	732	2240	2740	—	—		
Chromium	7440-47-3	mg/kg	15.3	14.4	40.3	12.3	14.1	17.4	49.8	—	—		
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	12.8	14.0	—	—	—	—	—	—	—		
Chromium(VI) (b)	18540-29-9	mg/kg	—	—	2.9	0.90	1.0	1.3	3.6	—	—		
Chromium(VI)	18540-29-9	mg/kg	2.5 J	0.42 J	—	—	—	—	—	—	—		
Cobalt	7440-48-4	mg/kg	4.56	3.87	11.2	3.04	3.28	5.20	15.6	—	—		
Copper	7440-50-8	mg/kg	8.29	8.04	22.2	6.26	6.88	10.6	32.2	—	—		
Iron (Fe)	7439-89-6	mg/kg	13200	11900	28300	13200	13000	15300	35400	—	—		
Lead	7439-92-1	mg/kg	5.36	4.85	8.65	7.73	3.72	11.1	11.9	—	—		
Magnesium (Mg)	7439-95-4	mg/kg	2550	2400	7250	1980	2080	3180	9680	—	—		
Manganese (Mn)	7439-96-5	mg/kg	192 J-	166 J-	443 J-	165 J-	187 J-	242 J-	592 J-	—	—		
Mercury	7439-97-6	mg/kg	< 0.0185 U	< 0.0180 U	< 0.0188 U	< 0.0172 U	< 0.0179 U	< 0.0174 U	< 0.0194 U	—	—		
Nickel	7440-02-0	mg/kg	8.55	8.44	25.4	6.63	7.31	10.3	37.1	—	—		
Potassium (K)	7440-09-7	mg/kg	1860	1760	6600	1450	1510	2090	8840	—	—		
Selenium	7782-49-2	mg/kg	< 0.195 U	< 0.175 U	< 0.214 U	< 0.210 U	< 0.204 U	0.0986 J	0.101 J	—	—		
Silver	7440-22-4	mg/kg	< 0.0487 U	< 0.0438 U	< 0.0536 U	< 0.0524 U	< 0.0510 U	< 0.0432 U	< 0.0437 U	—	—		
Sodium (Na)	7440-23-5	mg/kg	93.4	101	276	99.8	276	105	371	—	—		
Thallium	7440-28-0	mg/kg	0.146 J	0.122 J	0.767	1.50	0.142 J	0.156 J	0.480	—	—		
Vanadium	7440-62-2	mg/kg	26.2	24.3	65.6	21.4	24.9	30.8	91.7	—	—		
Zinc	7440-66-6	mg/kg	23.4	21.4	59.4	16.2	18.3	30.1	78.3	—	—		
PCBs													
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—		
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—		
SVOCs													
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.037 U	< 0.037 U	< 0.040 U	< 0.036 U	< 0.036 U	< 0.037 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.056 U	< 0.064 U
1-Methylnaphthalene	90-12-0	mg/kg	11	9.3	< 0.0016 U	< 0.0014 U	< 0.0014 U	0.0011 J	0.0032	< 0.0016 U	< 0.0016 U	< 0.0023 U	< 0.0026 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.015 U	< 0.015 U	< 0.016 U	< 0.014 U	< 0.014 U	< 0.015 U	< 0.017 U	< 0.016 U	< 0.016 U	< 0.023 U	< 0.026 U
2-Methylnaphthalene	91-57-6	mg/kg	17	15	< 0.0016 U	< 0.0014 U	< 0.0014 U	0.0018 J	0.0047	< 0.0016 U	< 0.0016 U	< 0.0023 U	< 0.0026 U
2-Methylphenol	95-48-7	mg/kg	< 0.037 U	< 0.037 U	< 0.040 U	< 0.036 U	< 0.036 U	< 0.037 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.056 U	< 0.064 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.037 U	< 0.037 U	< 0.040 U	< 0.036 U	< 0.036 U	< 0.037 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.056 U	< 0.064 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.037 U	< 0.037 U	< 0.040 U	< 0.036 U	< 0.036 U	< 0.037 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.056 U	< 0.064 U
4-Chloroaniline	106-47-8	mg/kg	< 0.073 U	< 0.074 U	< 0.081 U	< 0.072 U	< 0.072 U	< 0.074 U	< 0.083 U	< 0.081 U	< 0.079 U	< 0.11 U	< 0.13 U

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID		DU01-S011	DU01-S011	DU01-S012	DU01-S013	DU01-S014	DU01-S015	DU01-S016	DU03-S001	DU03-S001	DU03-S002	DU03-S003
Sample ID		DU01-S011-01-10	DU01-S011-01-10D	DU01-S012-01-10	DU01-S013-01-10	DU01-S014-01-10	DU01-S015-01-10	DU01-S016-01-10	DU03-S001-01-02	DU03-S001-01-02D	DU03-S002-01-02	DU03-S003-01-02
Sample Date		6/14/2017	6/14/2017	6/14/2017	6/14/2017	6/14/2017	6/14/2017	6/14/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017
Sample Type Code		N	FD	N	N	N	N	N	N	FD	N	N
Parent Sample ID		N	DU01-S011-01-10	N	N	N	N	N	N	DU03-S001-01-02	N	N
Task Code		2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
Depth Interval		1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft
Chemical	CAS	Units										
VOCs Continued												
Carbon disulfide	75-15-0	mg/kg	< 0.080 U	< 0.075 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—
Carbon tetrachloride	56-23-5	mg/kg	< 0.080 U	< 0.075 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—
Chloroethane	75-00-3	mg/kg	< 0.16 U	< 0.15 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	—	—	—
Chloroform	67-66-3	mg/kg	< 0.080 U	< 0.075 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—
cis-1,2-Dichloroethene	156-59-2	mg/kg	< 0.080 U	< 0.075 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—
cyclohexane	110-82-7	mg/kg	< 0.080 U	< 0.075 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—
Ethylbenzene	100-41-4	mg/kg	< 0.080 UJ	0.097 J	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—
Isopropylbenzene	98-82-8	mg/kg	< 0.080 UJ	0.081 J	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—
m,p-Xylene	108383/106423	mg/kg	< 0.080 U	< 0.075 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—
Methyl tert-butyl ether	1634-04-4	mg/kg	< 0.080 U	< 0.075 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—
Methylacetate	79-20-9	mg/kg	< 0.16 U	< 0.15 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	—	—	—
methylcyclohexane	108-87-2	mg/kg	< 0.080 UJ	0.17 J	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—
Methylene chloride	75-09-2	mg/kg	< 0.16 U	< 0.15 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.004 U	—	—	—
n-Butylbenzene	104-51-8	mg/kg	0.073 J	0.24 J	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—
n-Propylbenzene	103-65-1	mg/kg	0.059 J	0.22 J	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—
o-Xylene	95-47-6	mg/kg	< 0.080 UJ	0.042 J	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—
sec-Butylbenzene	135-98-8	mg/kg	< 0.080 UJ	0.13 J	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—
tert-Butylbenzene	98-06-6	mg/kg	< 0.080 U	< 0.075 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—
Tetrachloroethene	127-18-4	mg/kg	< 0.080 U	< 0.075 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—
Toluene	108-88-3	mg/kg	< 0.080 U	< 0.075 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—
trans-1,2-Dichloroethene	156-60-5	mg/kg	< 0.080 U	< 0.075 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—
Trichloroethene	79-01-6	mg/kg	< 0.080 U	< 0.075 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—
Vinyl chloride	75-01-4	mg/kg	< 0.080 U	< 0.075 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—
Xylenes (total)	1330-20-7	mg/kg	< 0.080 UJ	0.042 J	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	—	—	—

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID	DU03-S004	DU03-S005	DU03-S006	DU03-S007	DU03-S008	DU03-S009	DU03-S010	DU03-S011	DU03-S012	DU03-S013	DU03-S014		
Sample ID	DU03-S004-01-02	DU03-S005-01-02	DU03-S006-01-02	DU03-S007-01-02	DU03-S008-01-02	DU03-S009-01-02	DU03-S010-01-02	DU03-S011-01-02	DU03-S012-01-02	DU03-S013-01-02	DU03-S014-01-02		
Sample Date	6/15/2017	6/15/2017	6/15/2017	6/16/2017	6/16/2017	6/15/2017	6/15/2017	6/16/2017	6/16/2017	6/15/2017	6/15/2017		
Sample Type Code	N	N	N	N	N	N	N	N	N	N	N		
Parent Sample ID													
Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII		
Depth Interval	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft		
Chemical	CAS	Units											
General Chemistry													
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	—	—	—		
pH	PH	std units	—	—	—	—	—	—	—	—	—		
Metals													
Aluminum	7429-90-5	mg/kg	—	—	—	—	—	—	—	—	—		
Antimony	7440-36-0	mg/kg	—	—	—	—	—	—	—	—	—		
Arsenic	7440-38-2	mg/kg	—	—	—	—	—	—	—	—	—		
Barium	7440-39-3	mg/kg	—	—	—	—	—	—	—	—	—		
Beryllium	7440-41-7	mg/kg	—	—	—	—	—	—	—	—	—		
Cadmium	7440-43-9	mg/kg	—	—	—	—	—	—	—	—	—		
Calcium (Ca)	7440-70-2	mg/kg	—	—	—	—	—	—	—	—	—		
Chromium	7440-47-3	mg/kg	—	—	—	—	—	—	—	—	—		
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	—	—	—		
Chromium(VI) (b)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—	—		
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—	—		
Cobalt	7440-48-4	mg/kg	—	—	—	—	—	—	—	—	—		
Copper	7440-50-8	mg/kg	—	—	—	—	—	—	—	—	—		
Iron (Fe)	7439-89-6	mg/kg	—	—	—	—	—	—	—	—	—		
Lead	7439-92-1	mg/kg	—	—	—	—	—	—	—	—	—		
Magnesium (Mg)	7439-95-4	mg/kg	—	—	—	—	—	—	—	—	—		
Manganese (Mn)	7439-96-5	mg/kg	—	—	—	—	—	—	—	—	—		
Mercury	7439-97-6	mg/kg	—	—	—	—	—	—	—	—	—		
Nickel	7440-02-0	mg/kg	—	—	—	—	—	—	—	—	—		
Potassium (K)	7440-09-7	mg/kg	—	—	—	—	—	—	—	—	—		
Selenium	7782-49-2	mg/kg	—	—	—	—	—	—	—	—	—		
Silver	7440-22-4	mg/kg	—	—	—	—	—	—	—	—	—		
Sodium (Na)	7440-23-5	mg/kg	—	—	—	—	—	—	—	—	—		
Thallium	7440-28-0	mg/kg	—	—	—	—	—	—	—	—	—		
Vanadium	7440-62-2	mg/kg	—	—	—	—	—	—	—	—	—		
Zinc	7440-66-6	mg/kg	—	—	—	—	—	—	—	—	—		
PCBs													
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—		
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—		
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—		
SVOCs													
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.058 U	< 0.049 U	< 0.046 U	< 0.066 U	< 0.076 U	< 0.043 U	< 0.044 U	< 0.060 U	< 0.046 U	< 0.045 U	< 0.039 U
1-Methylnaphthalene	90-12-0	mg/kg	< 0.0023 U	< 0.0020 U	< 0.0018 U	0.0017 J	0.0023 J	< 0.0017 U	< 0.0018 U	< 0.0024 U	0.0012 J	< 0.0018 U	< 0.0016 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.023 U	< 0.020 U	< 0.018 U	< 0.026 U	< 0.030 U	< 0.017 U	< 0.018 U	< 0.024 U	< 0.019 U	< 0.018 U	< 0.016 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.0023 U	< 0.0020 U	< 0.0018 U	< 0.0026 U	< 0.0030 U	< 0.0017 U	0.0012 J	< 0.0024 U	0.0020 J	0.00098 J	< 0.0016 U
2-Methylphenol	95-48-7	mg/kg	< 0.058 U	< 0.049 U	< 0.046 U	< 0.066 U	< 0.076 U	< 0.043 U	< 0.044 U	< 0.060 U	< 0.046 U	< 0.045 U	< 0.039 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.058 U	0.043 J	< 0.046 U	0.060 J	0.047 J	< 0.043 U	< 0.044 U	0.041 J	< 0.046 U	< 0.045 U	< 0.039 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.058 U	< 0.049 U	< 0.046 U	< 0.066 U	< 0.076 U	< 0.043 U	< 0.044 U	< 0.060 U	< 0.046 U	< 0.045 U	< 0.039 U
4-Chloroaniline	106-47-8	mg/kg	< 0.12 U	< 0.098 U	< 0.092 U	< 0.13 U	< 0.15 U	< 0.087 U	< 0.088 U	< 0.12 U	< 0.093 U	< 0.091 U	< 0.078 U

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

			Location ID	DU03-S004	DU03-S005	DU03-S006	DU03-S007	DU03-S008	DU03-S009	DU03-S010	DU03-S011	DU03-S012	DU03-S013	DU03-S014
			Sample ID	DU03-S004-01-02	DU03-S005-01-02	DU03-S006-01-02	DU03-S007-01-02	DU03-S008-01-02	DU03-S009-01-02	DU03-S010-01-02	DU03-S011-01-02	DU03-S012-01-02	DU03-S013-01-02	DU03-S014-01-02
			Sample Date	6/15/2017	6/15/2017	6/15/2017	6/16/2017	6/16/2017	6/15/2017	6/15/2017	6/16/2017	6/16/2017	6/15/2017	6/15/2017
			Sample Type Code	N	N	N	N	N	N	N	N	N	N	N
			Parent Sample ID											
			Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
			Depth Interval	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft
Chemical	CAS	Units												
VOCs Continued														
Carbon disulfide	75-15-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Carbon tetrachloride	56-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Chloroethane	75-00-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Chloroform	67-66-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
cis-1,2-Dichloroethene	156-59-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
cyclohexane	110-82-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	100-41-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Isopropylbenzene	98-82-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
m,p-Xylene	108383/106423	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Methyl tert-butyl ether	1634-04-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Methylacetate	79-20-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
methylcyclohexane	108-87-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Methylene chloride	75-09-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
n-Butylbenzene	104-51-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
n-Propylbenzene	103-65-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
o-Xylene	95-47-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
sec-Butylbenzene	135-98-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
tert-Butylbenzene	98-06-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Tetrachloroethene	127-18-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Toluene	108-88-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
trans-1,2-Dichloroethene	156-60-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Trichloroethene	79-01-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Vinyl chloride	75-01-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Xylenes (total)	1330-20-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID			DU03-S015	DU03-S016	DU05-S001	DU05-S002	DU05-S002	DU05-S003	DU05-S004	DU05-S005	DU05-S006	DU05-S006	DU05-S007
Sample ID			DU03-S015-01-02	DU03-S016-01-02	DU05-S001-01-10	DU05-S002-01-10	DU05-S002-01-10D	DU05-S003-01-02	DU05-S004-01-10	DU05-S005-01-10	DU05-S006-01-10	DU05-S006-01-10D	DU05-S007-01-02
Sample Date			6/15/2017	6/16/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/12/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017
Sample Type Code			N	N	N	N	FD	N	N	N	N	FD	N
Parent Sample ID							DU05-S002-01-10					DU05-S006-01-10	
Task Code			2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
Depth Interval			1 - 2 ft	1 - 2 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 2 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 2 ft
Chemical	CAS	Units											
VOCs Continued													
Carbon disulfide	75-15-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Carbon tetrachloride	56-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chloroethane	75-00-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chloroform	67-66-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
cis-1,2-Dichloroethene	156-59-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
cyclohexane	110-82-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	100-41-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Isopropylbenzene	98-82-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
m,p-Xylene	108383/106423	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methyl tert-butyl ether	1634-04-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methylacetate	79-20-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
methylcyclohexane	108-87-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methylene chloride	75-09-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Butylbenzene	104-51-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Propylbenzene	103-65-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
o-Xylene	95-47-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
sec-Butylbenzene	135-98-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
tert-Butylbenzene	98-06-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Tetrachloroethene	127-18-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Toluene	108-88-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
trans-1,2-Dichloroethene	156-60-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Trichloroethene	79-01-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Vinyl chloride	75-01-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Xylenes (total)	1330-20-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 9
 Analytical Data Summary Tables - Phase III Subsurface Soil
 Camp Hero Remedial Investigation
 Montauk, New York

			Location ID DU05-S008 Sample ID DU05-S008-01-10 Sample Date 6/12/2017 Sample Type Code N Parent Sample ID N Task Code 2017 MAY PHASEIII Depth Interval 1 - 10 ft	DU05-S009 DU05-S009-01-05 6/13/2017 N 2017 MAY PHASEIII 1 - 5 ft	DU05-S010 DU05-S010-01-10 6/13/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU05-S010 DU05-S010-01-10D 6/13/2017 FD DU05-S010-01-10 2017 MAY PHASEIII 1 - 10 ft	DU05-S011 DU05-S011-01-03 6/13/2017 N 2017 MAY PHASEIII 1 - 3 ft	DU05-S012 DU05-S012-01-10 6/12/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU05-S013 DU05-S013-01-10 6/12/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU05-S014 DU05-S014-01-10 6/12/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU05-S014 DU05-S014-01-10D 6/12/2017 FD DU05-S014-00-01 2017 MAY PHASEIII 1 - 10 ft	DU05-S015 DU05-S015-01-02 6/13/2017 N 2017 MAY PHASEIII 1 - 2 ft	DU05-S016 DU05-S016-01-10 6/12/2017 N 2017 MAY PHASEIII 1 - 10 ft	
Chemical	CAS	Units												
SVOCs Continued														
Acenaphthene	83-32-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Acenaphthylene	208-96-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Anthracene	120-12-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Benzaldehyde	100-52-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Benzo(a)anthracene	56-55-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Benzo(a)pyrene	50-32-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Benzo(b)fluoranthene	205-99-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Benzo(g,h,i)perylene	191-24-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Benzo(k)fluoranthene	207-08-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Benzoic acid	65-85-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Biphenyl, 1,1'-	92-52-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Butyl benzyl phthalate	85-68-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Caprolactam	105-60-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
CARBAZOLE	86-74-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Chrysene	218-01-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Dibenz(a,h)anthracene	53-70-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Dibenzofuran	132-64-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Diethyl phthalate	84-66-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Dimethyl phthalate	131-11-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Di-n-butyl phthalate	84-74-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Di-n-octyl phthalate	117-84-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Fluoranthene	206-44-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Fluorene	86-73-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Naphthalene	91-20-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Phenanthrene	85-01-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Pyrene	129-00-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Total PAHs Calculated	CALC-PAH	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
VOCs														
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1,1,1-Trichloroethane	71-55-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1,1,2-trichloro-1,2,2-trifluoroethane (Freon 11)	76-13-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1,1,2-Trichloroethane	79-00-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1,1-Dichloroethane	75-34-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1,1-Dichloroethene	75-35-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1,2,3-Trichlorobenzene	87-61-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1,2,4-Trimethylbenzene	95-63-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1,3,5-Trimethylbenzene	108-67-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1,4-Dioxane	123-91-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
2-Butanone	78-93-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
4-Isopropyltoluene	99-87-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
4-Methyl-2-pentanone	108-10-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Acetone	67-64-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Benzene	71-43-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	

Notes provided on the last page of tables.

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

			Location ID	DU05-S008	DU05-S009	DU05-S010	DU05-S010	DU05-S011	DU05-S012	DU05-S013	DU05-S014	DU05-S014	DU05-S015	DU05-S016
			Sample ID	DU05-S008-01-10	DU05-S009-01-05	DU05-S010-01-10	DU05-S010-01-10D	DU05-S011-01-03	DU05-S012-01-10	DU05-S013-01-10	DU05-S014-01-10	DU05-S014-01-10D	DU05-S015-01-02	DU05-S016-01-10
			Sample Date	6/12/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/13/2017	6/12/2017
			Sample Type Code	N	N	N	FD	N	N	N	N	FD	N	N
			Parent Sample ID				DU05-S010-01-10					DU05-S014-00-01		
			Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
			Depth Interval	1 - 10 ft	1 - 5 ft	1 - 10 ft	1 - 10 ft	1 - 3 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 2 ft	1 - 10 ft
Chemical	CAS	Units												
VOCs Continued														
Carbon disulfide	75-15-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Carbon tetrachloride	56-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Chloroethane	75-00-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Chloroform	67-66-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
cis-1,2-Dichloroethene	156-59-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
cyclohexane	110-82-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	100-41-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Isopropylbenzene	98-82-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
m,p-Xylene	108383/106423	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Methyl tert-butyl ether	1634-04-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Methylacetate	79-20-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
methylcyclohexane	108-87-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Methylene chloride	75-09-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
n-Butylbenzene	104-51-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
n-Propylbenzene	103-65-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
o-Xylene	95-47-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
sec-Butylbenzene	135-98-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
tert-Butylbenzene	98-06-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Tetrachloroethene	127-18-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Toluene	108-88-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
trans-1,2-Dichloroethene	156-60-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Trichloroethene	79-01-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Vinyl chloride	75-01-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Xylenes (total)	1330-20-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU06-S001 DU06-S001-01-10 6/12/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU06-S001 DU06-S001-01-10D 6/12/2017 FD DU06-S001-01-10 2017 MAY PHASEIII 1 - 10 ft	DU06-S002 DU06-S002-01-10 6/12/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU06-S003 DU06-S003-01-10 6/12/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU06-S003 DU06-S003-01-10D 6/12/2017 FD DU06-S003-01-10 2017 MAY PHASEIII 1 - 10 ft	DU06-S004 DU06-S004-01-10 6/12/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU06-S005 DU06-S005-01-10 6/12/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU06-S005 DU06-S005-01-10D 6/12/2017 FD DU06-S005-01-10 2017 MAY PHASEIII 1 - 10 ft	DU06-S006 DU06-S006-01-10 6/12/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU06-S007 DU06-S007-01-10 6/12/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU06-S008 DU06-S008-01-10 6/12/2017 N 2017 MAY PHASEIII 1 - 10 ft
Chemical	CAS	Units											
VOCs Continued													
Carbon disulfide	75-15-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Carbon tetrachloride	56-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chloroethane	75-00-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chloroform	67-66-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
cis-1,2-Dichloroethene	156-59-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
cyclohexane	110-82-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	100-41-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Isopropylbenzene	98-82-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
m,p-Xylene	108383/106423	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methyl tert-butyl ether	1634-04-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methylacetate	79-20-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
methylcyclohexane	108-87-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methylene chloride	75-09-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Butylbenzene	104-51-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Propylbenzene	103-65-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
o-Xylene	95-47-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
sec-Butylbenzene	135-98-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
tert-Butylbenzene	98-06-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Tetrachloroethene	127-18-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Toluene	108-88-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
trans-1,2-Dichloroethene	156-60-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Trichloroethene	79-01-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Vinyl chloride	75-01-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Xylenes (total)	1330-20-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

			Location ID	DU06-S009	DU06-S010	DU06-S011	DU06-S011	DU06-S012	DU06-S013	DU06-S014	DU06-S015	DU06-S016	DU07-S001	DU07-S001
			Sample ID	DU06-S009-01-10	DU06-S010-01-10	DU06-S011-01-10	DU06-S011-01-10D	DU06-S012-01-10	DU06-S013-01-10	DU06-S014-01-10	DU06-S015-01-10	DU06-S016-01-10	DU07-S001-01-10	DU07-S001-01-10D
			Sample Date	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/12/2017	6/14/2017	6/14/2017
			Sample Type Code	N	N	N	FD	N	N	N	N	N	N	FD
			Parent Sample ID				DU06-S011-01-10							DU07-S001-01-10
			Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
			Depth Interval	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft
Chemical	CAS	Units												
VOCs Continued														
Carbon disulfide	75-15-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Carbon tetrachloride	56-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Chloroethane	75-00-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Chloroform	67-66-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
cis-1,2-Dichloroethene	156-59-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
cyclohexane	110-82-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	100-41-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Isopropylbenzene	98-82-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
m,p-Xylene	108383/106423	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Methyl tert-butyl ether	1634-04-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Methylacetate	79-20-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
methylcyclohexane	108-87-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Methylene chloride	75-09-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
n-Butylbenzene	104-51-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
n-Propylbenzene	103-65-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
o-Xylene	95-47-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
sec-Butylbenzene	135-98-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
tert-Butylbenzene	98-06-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Tetrachloroethene	127-18-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Toluene	108-88-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
trans-1,2-Dichloroethene	156-60-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Trichloroethene	79-01-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Vinyl chloride	75-01-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Xylenes (total)	1330-20-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID			DU07-S002	DU07-S003	DU07-S003	DU07-S004	DU07-S005	DU07-S005	DU07-S006	DU07-S007	DU07-S008	DU07-S009	DU07-S010
Sample ID			DU07-S002-01-02	DU07-S003-01-10	DU07-S003-01-10D	DU07-S004-01-10	DU07-S005-01-02	DU07-S005-01-02D	DU07-S006-01-03	DU07-S007-01-02	DU07-S008-01-10	DU07-S009-01-02	DU07-S010-01-03
Sample Date			6/15/2017	6/14/2017	6/14/2017	6/14/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/14/2017	6/15/2017	6/15/2017
Sample Type Code			N	N	FD	N	N	FD	N	N	N	N	N
Parent Sample ID					DU07-S003-01-10			DU07-S005-01-02					
Task Code			2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
Depth Interval			1 - 2 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 2 ft	1 - 2 ft	1 - 3 ft	1 - 2 ft	1 - 10 ft	1 - 2 ft	1 - 3 ft
Chemical	CAS	Units											
VOCs Continued													
Carbon disulfide	75-15-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Carbon tetrachloride	56-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chloroethane	75-00-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chloroform	67-66-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
cis-1,2-Dichloroethene	156-59-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
cyclohexane	110-82-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	100-41-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Isopropylbenzene	98-82-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
m,p-Xylene	108383/106423	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methyl tert-butyl ether	1634-04-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methylacetate	79-20-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
methylcyclohexane	108-87-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methylene chloride	75-09-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Butylbenzene	104-51-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Propylbenzene	103-65-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
o-Xylene	95-47-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
sec-Butylbenzene	135-98-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
tert-Butylbenzene	98-06-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Tetrachloroethene	127-18-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Toluene	108-88-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
trans-1,2-Dichloroethene	156-60-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Trichloroethene	79-01-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Vinyl chloride	75-01-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Xylenes (total)	1330-20-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID	DU07-S011	DU07-S011	DU07-S012	DU07-S013	DU07-S014	DU07-S015	DU07-S016	DU12-S001	DU12-S001	DU12-S002	DU12-S003
Sample ID	DU07-S011-01-03	DU07-S011-01-03D	DU07-S012-01-10	DU07-S013-01-10	DU07-S014-01-02	DU07-S015-01-03	DU07-S016-01-10	DU12-S001-01-10	DU12-S001-01-10D	DU12-S002-01-10	DU12-S003-01-10
Sample Date	6/15/2017	6/15/2017	6/14/2017	6/14/2017	6/15/2017	6/15/2017	6/14/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017
Sample Type Code	N	FD	N	N	N	N	N	N	FD	N	N
Parent Sample ID		DU07-S011-01-03							DU12-S001-01-10		
Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII
Depth Interval	1 - 3 ft	1 - 3 ft	1 - 10 ft	1 - 10 ft	1 - 2 ft	1 - 3 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft
Chemical	CAS	Units									
General Chemistry											
Oxidation Reduction Potential	ORP	mV	419	402	—	—	—	—	—	—	—
pH	PH	std units	5.82	5.82	—	—	—	—	—	—	—
Metals											
Aluminum	7429-90-5	mg/kg	6590 J	9800 J	5520	7600	5860	6780 J+	5540	—	—
Antimony	7440-36-0	mg/kg	< 0.205 U	< 0.228 U	< 0.172 U	< 0.207 U	< 0.251 U	< 0.234 UJ	< 0.186 U	—	—
Arsenic	7440-38-2	mg/kg	0.722 J	0.962	1.77	2.57	1.20	2.07 J-	2.12	—	—
Barium	7440-39-3	mg/kg	17.9	17.0	18.9	22.4	23.3	17.3 J+	21.3	—	—
Beryllium	7440-41-7	mg/kg	0.154 J	0.202 J	0.223	0.284	0.331	0.214 J	0.208	—	—
Cadmium	7440-43-9	mg/kg	< 0.103 U	< 0.114 U	< 0.0862 U	< 0.104 U	0.0893 J	< 0.117 U	< 0.0931 U	—	—
Calcium (Ca)	7440-70-2	mg/kg	773	781	559	504	843	700	554	—	—
Chromium	7440-47-3	mg/kg	11.1	14.2	8.81	10.2	20.7	11.1 J+	10.0	—	—
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	9.1 J	14.2 J	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	—	—	0.64	0.74	1.5	0.81 J+	0.73	—	—
Chromium(VI)	18540-29-9	mg/kg	2.0 J	< 0.49 UJ	—	—	—	—	—	—	—
Cobalt	7440-48-4	mg/kg	1.17	1.26	2.91	2.94	1.15	2.14	2.65	—	—
Copper	7440-50-8	mg/kg	1.08	1.27	3.94	3.20	4.88	2.86 J	3.85	—	—
Iron (Fe)	7439-89-6	mg/kg	3230 J	4470 J	7810	8350	3390	8040 J-	7080	—	—
Lead	7439-92-1	mg/kg	2.90	3.91	2.10	2.40	4.11	4.60 J	5.20	—	—
Magnesium (Mg)	7439-95-4	mg/kg	861	994	1400	1350	781	1020	1180	—	—
Manganese (Mn)	7439-96-5	mg/kg	33.9	36.7	166	91.2	40.8	63.7 J-	104	—	—
Mercury	7439-97-6	mg/kg	0.0147 J	0.0225 J	< 0.0180 U	0.0228 J	0.0151 J	< 0.0193 UJ	< 0.0185 U	—	—
Nickel	7440-02-0	mg/kg	3.68	4.24	5.13	6.11	2.97	5.52	4.97	—	—
Potassium (K)	7440-09-7	mg/kg	432	471	772	404	363	412 J	631	—	—
Selenium	7782-49-2	mg/kg	0.378 J	0.806 J	< 0.172 U	0.122 J	0.395 J	0.256 J	0.0942 J	—	—
Silver	7440-22-4	mg/kg	< 0.0513 U	< 0.0570 U	< 0.0431 U	< 0.0519 U	< 0.0627 U	< 0.0585 U	< 0.0465 U	—	—
Sodium (Na)	7440-23-5	mg/kg	64.1 J	84.5 J	73.3	68.1 J	85.6 J	78.3 J	67.1 J	—	—
Thallium	7440-28-0	mg/kg	0.0341 J	0.0445 J	0.0612 J	0.0525 J	0.0763 J	0.0911 J	0.0596 J	—	—
Vanadium	7440-62-2	mg/kg	7.92 J	11.1 J	12.5	14.2	10.3	13.2	11.4	—	—
Zinc	7440-66-6	mg/kg	9.41	12.4	12.5	12.6	13.7	11.2 J+	10.8	—	—
PCBs											
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—
SVOCs											
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.041 U	< 0.042 U	< 0.038 U	< 0.036 U	< 0.044 U	< 0.042 U	< 0.040 U	< 0.040 U	< 0.038 U
1-Methylnaphthalene	90-12-0	mg/kg	0.0010 J	< 0.0017 UJ	< 0.0015 U	< 0.0014 U	0.0023	0.0012 J	< 0.0016 U	0.075	0.083
2-Chloronaphthalene	91-58-7	mg/kg	< 0.016 U	< 0.017 U	< 0.015 U	< 0.014 U	< 0.018 U	< 0.017 U	< 0.016 U	< 0.016 U	< 0.015 U
2-Methylnaphthalene	91-57-6	mg/kg	0.0013 J	< 0.0017 UJ	< 0.0015 U	< 0.0014 U	0.0063	0.0014 J	< 0.0016 U	0.099	0.12
2-Methylphenol	95-48-7	mg/kg	< 0.041 U	< 0.042 U	< 0.038 U	< 0.036 U	< 0.044 U	< 0.042 U	< 0.040 U	< 0.040 U	< 0.038 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.041 U	< 0.042 U	< 0.038 U	< 0.036 U	< 0.044 U	< 0.042 U	< 0.040 U	< 0.040 U	< 0.038 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.041 U	< 0.042 U	< 0.038 U	< 0.036 U	< 0.044 U	< 0.042 U	< 0.040 U	< 0.040 U	< 0.038 U
4-Chloroaniline	106-47-8	mg/kg	< 0.081 U	< 0.083 U	< 0.076 U	< 0.071 U	< 0.088 U	< 0.083 U	< 0.079 U	< 0.080 U	< 0.077 U

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

Chemical	CAS	Units	Location ID	DU07-S011	DU07-S011	DU07-S012	DU07-S013	DU07-S014	DU07-S015	DU07-S016	DU12-S001	DU12-S001	DU12-S002	DU12-S003
			Sample ID	DU07-S011-01-03	DU07-S011-01-03D	DU07-S012-01-10	DU07-S013-01-10	DU07-S014-01-02	DU07-S015-01-03	DU07-S016-01-10	DU12-S001-01-10	DU12-S001-01-10D	DU12-S002-01-10	DU12-S003-01-10
Sample Date	6/15/2017	6/15/2017	6/14/2017	6/14/2017	6/15/2017	6/15/2017	6/14/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017
Sample Type Code	N	FD	N	N	N	N	N	N	N	N	N	N	N	N
Parent Sample ID		DU07-S011-01-03												
Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII
Depth Interval	1 - 3 ft	1 - 3 ft	1 - 10 ft	1 - 10 ft	1 - 2 ft	1 - 3 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft
SVOCs Continued														
Acenaphthene	83-32-9	mg/kg	0.0080 J	0.013 J	< 0.0015 U	0.0010 J	0.0027	0.011	< 0.0016 U	0.26	0.20	0.35	1.5	
Acenaphthylene	208-96-8	mg/kg	0.00078 J	< 0.0017 UJ	< 0.0015 U	< 0.0014 U	< 0.0018 U	0.0042	< 0.0016 U	0.14 J	0.079 J	0.12	0.091	
Anthracene	120-12-7	mg/kg	0.0017 J	0.0017 J	< 0.0015 U	0.0027	0.0077	0.0073 J	< 0.0016 U	0.71	0.54	1.0	3.9	
Benzaldehyde	100-52-7	mg/kg	< 0.16 UJ	0.089 J	< 0.15 U	< 0.14 U	< 0.18 U	0.094 J	< 0.16 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 U	
Benzo(a)anthracene	56-55-3	mg/kg	0.0019 J	0.0050 J	< 0.0015 U	0.0062	0.021	0.035 J	< 0.0016 U	0.92	0.71	1.5	2.4	
Benzo(a)pyrene	50-32-8	mg/kg	0.0016 J	0.0052 J	0.00082 J	0.0055	0.020	0.039 J	< 0.0016 U	0.75	0.58	1.2	1.7	
Benzo(b)fluoranthene	205-99-2	mg/kg	0.0031 J	0.0099 J	0.0014 J	0.0085	0.041	0.067 J	0.0013 J	0.91	0.74	1.7	2.0	
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.0016 UJ	0.0017 J	< 0.0015 U	0.0014 J	0.0055	0.0090 J	< 0.0016 U	0.41	0.31	0.69	0.87	
Benzo(k)fluoranthene	207-08-9	mg/kg	0.0012 J	0.0035 J	< 0.0015 U	0.0035	0.013	0.024 J	< 0.0016 U	0.53 J	0.38 J	0.74	1.2	
Benzoic acid	65-85-0	mg/kg	< 0.61 UJ	0.41 J	< 0.57 U	< 0.53 U	0.55 J	0.74	< 0.59 U	< 0.60 U	< 0.57 U	< 0.58 U	< 0.56 U	
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.041 U	< 0.042 U	< 0.038 U	< 0.036 U	< 0.044 U	< 0.042 U	< 0.040 U	0.032 J	0.035 J	< 0.039 U	0.24	
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.16 U	< 0.17 U	< 0.15 U	< 0.14 U	< 0.18 U	< 0.17 U	< 0.16 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 U	
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.16 U	< 0.17 U	< 0.15 U	< 0.14 U	< 0.18 U	< 0.17 U	< 0.16 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 U	
Caprolactam	105-60-2	mg/kg	< 0.16 U	< 0.17 U	< 0.15 U	< 0.14 U	< 0.18 U	< 0.17 U	< 0.16 U	0.20 J	< 0.15 UJ	< 0.15 U	< 0.15 U	
CARBAZOLE	86-74-8	mg/kg	< 0.041 U	< 0.042 U	< 0.038 U	< 0.036 U	< 0.044 U	< 0.042 U	< 0.040 U	0.13	0.11	0.14	0.65	
Chrysene	218-01-9	mg/kg	0.0023 J	0.0056 J	0.00080 J	0.0057	0.024	0.038 J	0.00075 J	0.83	0.63	1.3	1.9	
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.0016 U	< 0.0017 U	< 0.0015 U	< 0.0014 U	0.0020 J	0.0037 J	< 0.0016 U	0.14 J	0.10 J	0.22	0.28	
Dibenzofuran	132-64-9	mg/kg	< 0.041 U	< 0.042 U	< 0.038 U	< 0.036 U	< 0.044 U	< 0.042 U	< 0.040 U	0.23	0.19	0.25	2.1	
Diethyl phthalate	84-66-2	mg/kg	< 0.16 U	< 0.17 U	< 0.15 U	< 0.14 U	< 0.18 U	< 0.17 U	< 0.16 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 U	
Dimethyl phthalate	131-11-3	mg/kg	< 0.16 U	< 0.17 U	< 0.15 U	< 0.14 U	< 0.18 U	< 0.17 U	< 0.16 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 U	
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.16 U	< 0.17 U	< 0.15 U	< 0.14 U	< 0.18 U	< 0.17 U	< 0.16 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 U	
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.16 U	< 0.17 U	< 0.15 U	< 0.14 U	< 0.18 U	< 0.17 U	< 0.16 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.15 U	
Fluoranthene	206-44-0	mg/kg	0.0056 J	0.013 J	0.0015 J	0.013	0.057	0.085 J	0.0013 J	2.2 J	1.6 J	3.3	9.0	
Fluorene	86-73-7	mg/kg	< 0.0016 U	< 0.0017 U	< 0.0015 U	0.0011 J	0.0017 J	0.0018 J	< 0.0016 U	0.40	0.31	0.47	2.6	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	< 0.0016 UJ	0.0018 J	< 0.0015 U	0.0016 J	0.0065	0.011 J	< 0.0016 U	0.40	0.32	0.69	0.88	
Naphthalene	91-20-3	mg/kg	0.0023 J	0.0016 J	< 0.0019 U	< 0.0014 U	0.0067	0.0051	< 0.0016 U	0.075	0.067	0.066	0.48	
Phenanthrene	85-01-8	mg/kg	0.0041 J	0.0057 J	< 0.0015 U	0.0098	0.030	0.033 J	0.00086 J	1.9	1.5	2.4	13	
Pyrene	129-00-0	mg/kg	0.0041 J	0.0096 J	0.0020	0.011	0.042	0.062 J	0.0014 J	1.7	1.3	2.8	6.9	
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.0022	0.0073	0.0012	0.0075	0.029	0.054	0.00031	1.1	0.86	1.8	2.5	
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	0.018	0.044	0.010	0.045	0.18	0.29	0.010	6.6	5.1	11	18	
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	0.026	0.041	0.014	0.032	0.12	0.15	0.0097	5.9	4.5	7.8	31	
Total PAHs Calculated	CALC-PAH	mg/kg	0.043	0.085	0.020	0.076	0.29	0.44	0.020	12	9.6	19	49	
VOCs														
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1,1,1-Trichloroethane	71-55-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1,1,2-trichloro-1,2,2-trifluoroethane (Freon 11)	76-13-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1,1,2-Trichloroethane	79-00-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1,1-Dichloroethane	75-34-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1,1-Dichloroethene	75-35-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1,2,3-Trichlorobenzene	87-61-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1,2,4-Trimethylbenzene	95-63-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1,3,5-Trimethylbenzene	108-67-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
1,4-Dioxane	123-91-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
2-Butanone	78-93-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
4-Isopropyltoluene	99-87-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
4-Methyl-2-pentanone	108-10-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Acetone	67-64-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	
Benzene	71-43-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

			Location ID	DU07-S011	DU07-S011	DU07-S012	DU07-S013	DU07-S014	DU07-S015	DU07-S016	DU12-S001	DU12-S001	DU12-S002	DU12-S003
			Sample ID	DU07-S011-01-03	DU07-S011-01-03D	DU07-S012-01-10	DU07-S013-01-10	DU07-S014-01-02	DU07-S015-01-03	DU07-S016-01-10	DU12-S001-01-10	DU12-S001-01-10D	DU12-S002-01-10	DU12-S003-01-10
			Sample Date	6/15/2017	6/15/2017	6/14/2017	6/14/2017	6/15/2017	6/15/2017	6/14/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017
			Sample Type Code	N	FD	N	N	N	N	N	N	FD	N	N
			Parent Sample ID		DU07-S011-01-03							DU12-S001-01-10		
			Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII
			Depth Interval	1 - 3 ft	1 - 3 ft	1 - 10 ft	1 - 10 ft	1 - 2 ft	1 - 3 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft
Chemical	CAS	Units												
VOCs Continued														
Carbon disulfide	75-15-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Carbon tetrachloride	56-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Chloroethane	75-00-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Chloroform	67-66-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
cis-1,2-Dichloroethene	156-59-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
cyclohexane	110-82-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	100-41-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Isopropylbenzene	98-82-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
m,p-Xylene	108383/106423	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Methyl tert-butyl ether	1634-04-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Methylacetate	79-20-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
methylcyclohexane	108-87-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Methylene chloride	75-09-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
n-Butylbenzene	104-51-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
n-Propylbenzene	103-65-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
o-Xylene	95-47-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
sec-Butylbenzene	135-98-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
tert-Butylbenzene	98-06-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Tetrachloroethene	127-18-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Toluene	108-88-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
trans-1,2-Dichloroethene	156-60-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Trichloroethene	79-01-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Vinyl chloride	75-01-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Xylenes (total)	1330-20-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	DU12-S004	DU12-S004	DU12-S005	DU12-S006	DU12-S007	DU12-S007	DU12-S008	DU12-S009	DU12-S010	DU12-S010	DU12-S011
	Sample ID	DU12-S004-01-10	DU12-S004-01-10D	DU12-S005-01-10	DU12-S006-01-10	DU12-S007-01-10	DU12-S007-01-10D	DU12-S008-01-10	DU12-S009-01-10	DU12-S010-01-10	DU12-S010-01-10D	DU12-S011-01-10
	Sample Date	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/14/2017	6/13/2017	6/13/2017	6/13/2017	6/14/2017
	Parent Sample ID	N	FD DU12-S004-01-10	N	N	N	FD DU12-S007-01-10	N	N	N	FD DU12-S010-01-10	N
	Task Code	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 MAY PHASEIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 MAY PHASEIII
	Depth Interval	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft
Chemical	CAS	Units										
General Chemistry												
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	—	—	—	—
pH	PH	std units	—	—	—	—	—	—	—	—	—	—
Metals												
Aluminum	7429-90-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Antimony	7440-36-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Arsenic	7440-38-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Barium	7440-39-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Beryllium	7440-41-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Cadmium	7440-43-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Calcium (Ca)	7440-70-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Chromium	7440-47-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Copper	7440-50-8	mg/kg	—	—	—	—	—	—	—	—	—	—
Iron (Fe)	7439-89-6	mg/kg	—	—	—	—	—	—	—	—	—	—
Lead	7439-92-1	mg/kg	—	—	—	—	—	—	—	—	—	—
Magnesium (Mg)	7439-95-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Manganese (Mn)	7439-96-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Mercury	7439-97-6	mg/kg	—	—	—	—	—	—	—	—	—	—
Nickel	7440-02-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Potassium (K)	7440-09-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Selenium	7782-49-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Silver	7440-22-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Sodium (Na)	7440-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Thallium	7440-28-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Vanadium	7440-62-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Zinc	7440-66-6	mg/kg	—	—	—	—	—	—	—	—	—	—
PCBs												
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—
SVOCs												
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.036 U	< 0.037 U	< 0.19 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U
1-Methylnaphthalene	90-12-0	mg/kg	0.020 J	0.013 J	1.0	0.0034	< 0.0015 U	< 0.0015 U	0.12	0.00093 J	< 0.0015 UJ	0.0012 J
2-Chloronaphthalene	91-58-7	mg/kg	< 0.014 U	< 0.015 U	< 0.075 U	< 0.015 U	< 0.015 U	< 0.015 U	< 0.015 U	< 0.015 U	< 0.015 U	< 0.015 U
2-Methylnaphthalene	91-57-6	mg/kg	0.020 J	0.014 J	1.6	0.0065	< 0.0015 U	< 0.0015 U	0.15	0.0014 J	< 0.0015 UJ	0.0027 J
2-Methylphenol	95-48-7	mg/kg	< 0.036 U	< 0.037 U	< 0.19 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.036 U	< 0.037 U	< 0.19 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.036 U	< 0.037 U	< 0.19 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U
4-Chloroaniline	106-47-8	mg/kg	< 0.072 U	< 0.073 U	< 0.38 U	< 0.074 U	< 0.075 U	< 0.075 U	< 0.074 U	< 0.073 U	< 0.074 U	< 0.075 U

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval	DU12-S004	DU12-S004	DU12-S005	DU12-S006	DU12-S007	DU12-S007	DU12-S008	DU12-S009	DU12-S010	DU12-S010	DU12-S011		
	DU12-S004-01-10 6/13/2017 N	DU12-S004-01-10D 6/13/2017 FD DU12-S004-01-10	DU12-S005-01-10 6/13/2017 N	DU12-S006-01-10 6/13/2017 N	DU12-S007-01-10 6/13/2017 N	DU12-S007-01-10D 6/13/2017 FD DU12-S007-01-10	DU12-S008-01-10 6/14/2017 N	DU12-S009-01-10 6/13/2017 N	DU12-S010-01-10 6/13/2017 N	DU12-S010-01-10D 6/13/2017 FD DU12-S010-01-10	DU12-S011-01-10 6/14/2017 N		
2017 May PhaseIII 1 - 10 ft	2017 May PhaseIII 1 - 10 ft	2017 May PhaseIII 1 - 10 ft	2017 May PhaseIII 1 - 10 ft	2017 May PhaseIII 1 - 10 ft	2017 May PhaseIII 1 - 10 ft	2017 May PhaseIII 1 - 10 ft	2017 MAY PHASEIII 1 - 10 ft	2017 May PhaseIII 1 - 10 ft	2017 May PhaseIII 1 - 10 ft	2017 May PhaseIII 1 - 10 ft	2017 MAY PHASEIII 1 - 10 ft		
Chemical	CAS	Units											
SVOCs Continued													
Acenaphthene	83-32-9	mg/kg	0.19	0.14	3.6	0.0027	< 0.0015 U	< 0.0015 U	0.89	0.0045	< 0.0015 UJ	0.00084 J	0.0023
Acenaphthylene	208-96-8	mg/kg	0.038	0.028	0.39	< 0.0015 U	< 0.0015 U	< 0.0015 U	0.041	0.00078 J	< 0.0015 U	< 0.0015 U	0.00053 J
Anthracene	120-12-7	mg/kg	0.63 J	0.46 J	9.4	0.0015 J	0.00078 J	0.00067 J	2.5	0.018	0.00070 J	0.0019 J	0.0056
Benzaldehyde	100-52-7	mg/kg	< 0.14 U	< 0.15 U	< 0.75 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Benzo(a)anthracene	56-55-3	mg/kg	1.1	1.0	11	0.0055	0.0069 J	0.0048 J	3.5	0.076	0.0025 J	0.0037 J	0.013
Benzo(a)pyrene	50-32-8	mg/kg	0.88	0.80	7.7	0.0066	0.0087 J	0.0062 J	3.1	0.085	0.0029 J	0.0041 J	0.011
Benzo(b)fluoranthene	205-99-2	mg/kg	1.3	1.2	10	0.0097	0.014 J	0.0092 J	4.1	0.14	0.0045	0.0060	0.017
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.49	0.46	4.0	0.0022	0.0028 J	0.0020 J	1.8	0.024	0.0010 J	0.0024 J	0.0032
Benzo(k)fluoranthene	207-08-9	mg/kg	0.61	0.50	4.6	0.0047	0.0054	0.0049	1.8	0.057	0.0023 J	0.0033 J	0.0077
Benzoic acid	65-85-0	mg/kg	< 0.54 U	< 0.55 U	< 2.8 U	< 0.56 U	< 0.56 U	< 0.56 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.56 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.036 U	< 0.037 U	0.44	< 0.037 U	< 0.037 U	< 0.037 U	0.068	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.14 U	< 0.15 U	< 0.75 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.14 U	< 0.15 U	< 0.75 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Caprolactam	105-60-2	mg/kg	< 0.14 U	< 0.15 U	< 0.75 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
CARBAZOLE	86-74-8	mg/kg	0.14 J	0.094 J	2.2	< 0.037 U	< 0.037 U	< 0.037 U	0.47	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U
Chrysene	218-01-9	mg/kg	0.98	0.86	8.5	0.0063	0.0073	0.0057	3.1	0.078	0.0029 J	0.0040 J	0.012
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.15	0.15	1.3	0.00081 J	0.0011 J	< 0.0015 UJ	0.53	0.0092	< 0.0015 UJ	0.0010 J	0.0011 J
Dibenzofuran	132-64-9	mg/kg	0.13 J	0.089 J	3.5	< 0.037 U	< 0.037 U	< 0.037 U	0.65	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U
Diethyl phthalate	84-66-2	mg/kg	< 0.14 U	< 0.15 U	< 0.75 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.14 U	< 0.15 U	< 0.75 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.14 U	< 0.15 U	< 0.75 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.14 U	< 0.15 U	< 0.75 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Fluoranthene	206-44-0	mg/kg	2.6	2.4	26	0.010	0.011	0.0085	8.8	0.15	0.0053	0.0068	0.029
Fluorene	86-73-7	mg/kg	0.25 J	0.17 J	5.4	0.0020	< 0.0015 U	< 0.0015 U	1.2	0.0057	< 0.0015 UJ	0.00080 J	0.0032
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.50	0.47	4.1	0.0024	0.0032 J	0.0022 J	1.9	0.028	0.0011 J	0.0018 J	0.0038
Naphthalene	91-20-3	mg/kg	0.021 J	0.034 J	3.5	0.015	< 0.0019 UJ	< 0.0015 UJ	0.17	0.0022	< 0.0015 UJ	0.026 J	0.0024
Phenanthrene	85-01-8	mg/kg	1.9	1.5	29	0.0060	0.0032	0.0025	7.9	0.065	0.0024 J	0.0038 J	0.027
Pyrene	129-00-0	mg/kg	2.0	1.8	19	0.0096	0.011	0.0086	7.0	0.15	0.0047	0.0060	0.024
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	1.3	1.2	12	0.0092	0.012	0.0082	4.6	0.12	0.0039	0.0063	0.016
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	8.0	7.2	70	0.048	0.060	0.045	27	0.65	0.023	0.032	0.093
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	5.7	4.8	80	0.049	0.020	0.016	22	0.25	0.013	0.045	0.091
Total PAHs Calculated	CALC-PAH	mg/kg	14	12	150	0.096	0.081	0.060	49	0.90	0.037	0.077	0.18
VOCs													
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,1,1-Trichloroethane	71-55-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,1,2-Trichloroethane	79-00-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,1-Dichloroethane	75-34-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,1-Dichloroethene	75-35-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,2,3-Trichlorobenzene	87-61-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,2,4-Trimethylbenzene	95-63-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,3,5-Trimethylbenzene	108-67-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,4-Dioxane	123-91-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Butanone	78-93-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Isopropyltoluene	99-87-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Methyl-2-pentanone	108-10-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Acetone	67-64-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Benzene	71-43-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

			Location ID	DU12-S004	DU12-S004	DU12-S005	DU12-S006	DU12-S007	DU12-S007	DU12-S008	DU12-S009	DU12-S010	DU12-S010	DU12-S011
			Sample ID	DU12-S004-01-10	DU12-S004-01-10D	DU12-S005-01-10	DU12-S006-01-10	DU12-S007-01-10	DU12-S007-01-10D	DU12-S008-01-10	DU12-S009-01-10	DU12-S010-01-10	DU12-S010-01-10D	DU12-S011-01-10
			Sample Date	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/14/2017	6/13/2017	6/13/2017	6/13/2017	6/14/2017
			Sample Type Code	N	FD	N	N	N	FD	N	N	N	FD	N
			Parent Sample ID		DU12-S004-01-10				DU12-S007-01-10				DU12-S010-01-10	
			Task Code	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 MAY PHASEIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 MAY PHASEIII
			Depth Interval	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft
Chemical	CAS	Units												
VOCs Continued														
Carbon disulfide	75-15-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Carbon tetrachloride	56-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Chloroethane	75-00-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Chloroform	67-66-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
cis-1,2-Dichloroethene	156-59-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
cyclohexane	110-82-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	100-41-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Isopropylbenzene	98-82-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
m,p-Xylene	108383/106423	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Methyl tert-butyl ether	1634-04-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Methylacetate	79-20-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
methylcyclohexane	108-87-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Methylene chloride	75-09-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
n-Butylbenzene	104-51-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
n-Propylbenzene	103-65-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
o-Xylene	95-47-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
sec-Butylbenzene	135-98-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
tert-Butylbenzene	98-06-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Tetrachloroethene	127-18-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Toluene	108-88-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
trans-1,2-Dichloroethene	156-60-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Trichloroethene	79-01-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Vinyl chloride	75-01-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Xylenes (total)	1330-20-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	DU12-S012	DU12-S013	DU12-S013	DU12-S014	DU12-S015	DU12-S016	DU14-S001	DU14-S002	DU14-S002	DU14-S003	DU14-S004
	Sample ID	DU12-S012-01-10	DU12-S013-01-10	DU12-S013-01-10D	DU12-S014-01-10	DU12-S015-01-10	DU12-S016-01-10	DU14-S001-01-10	DU14-S002-01-10	DU14-S002-01-10D	DU14-S003-01-10	DU14-S004-01-10
	Sample Date	6/14/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/14/2017	6/14/2017	6/14/2017	6/14/2017	6/14/2017	6/14/2017
	Parent Sample ID	N	N	FD DU12-S013-01-10	N	N	N	N	N	FD DU14-S002-01-10	N	N
	Task Code	2017 MAY PHASEIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
	Depth Interval	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft
Chemical	CAS	Units										
General Chemistry												
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	—	—	—	—
pH	PH	std units	—	—	—	—	—	—	—	—	—	—
Metals												
Aluminum	7429-90-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Antimony	7440-36-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Arsenic	7440-38-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Barium	7440-39-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Beryllium	7440-41-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Cadmium	7440-43-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Calcium (Ca)	7440-70-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Chromium	7440-47-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Copper	7440-50-8	mg/kg	—	—	—	—	—	—	—	—	—	—
Iron (Fe)	7439-89-6	mg/kg	—	—	—	—	—	—	—	—	—	—
Lead	7439-92-1	mg/kg	—	—	—	—	—	—	—	—	—	—
Magnesium (Mg)	7439-95-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Manganese (Mn)	7439-96-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Mercury	7439-97-6	mg/kg	—	—	—	—	—	—	—	—	—	—
Nickel	7440-02-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Potassium (K)	7440-09-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Selenium	7782-49-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Silver	7440-22-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Sodium (Na)	7440-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Thallium	7440-28-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Vanadium	7440-62-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Zinc	7440-66-6	mg/kg	—	—	—	—	—	—	—	—	—	—
PCBs												
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—
SVOCs												
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.037 U	< 0.037 U	< 0.039 U	< 0.037 U	< 0.036 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.044 U
1-Methylnaphthalene	90-12-0	mg/kg	0.00082 J	< 0.007 U	< 0.008 U	0.0021	< 0.0015 U	< 0.0014 U	< 0.0015 U	< 0.0015 UJ	0.0014 J	< 0.0018 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.015 U	< 0.015 U	< 0.016 U	< 0.015 U	< 0.015 U	< 0.014 U	< 0.015 U	< 0.015 U	< 0.015 U	< 0.018 U
2-Methylnaphthalene	91-57-6	mg/kg	0.0014 J	0.008 J	< 0.008 UJ	0.0042	0.00075 J	< 0.0014 U	< 0.0015 U	< 0.0015 UJ	0.0023 J	< 0.0018 U
2-Methylphenol	95-48-7	mg/kg	< 0.037 U	< 0.037 U	< 0.039 U	< 0.037 U	< 0.036 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.044 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.037 U	< 0.037 U	< 0.039 U	< 0.037 U	< 0.036 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.044 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.037 U	< 0.037 U	< 0.039 U	< 0.037 U	< 0.036 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.044 U
4-Chloroaniline	106-47-8	mg/kg	< 0.075 U	< 0.075 U	< 0.079 U	< 0.074 U	< 0.073 U	< 0.071 U	< 0.074 U	< 0.075 U	< 0.075 U	< 0.088 U

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval	DU12-S012	DU12-S013	DU12-S013	DU12-S014	DU12-S015	DU12-S016	DU14-S001	DU14-S002	DU14-S002	DU14-S003	DU14-S004		
	DU12-S012-01-10 6/14/2017 N	DU12-S013-01-10 6/13/2017 N	DU12-S013-01-10D 6/13/2017 FD DU12-S013-01-10	DU12-S014-01-10 6/13/2017 N	DU12-S015-01-10 6/13/2017 N	DU12-S016-01-10 6/14/2017 N	DU14-S001-01-10 6/14/2017 N	DU14-S002-01-10 6/14/2017 N	DU14-S002-01-10D 6/14/2017 FD DU14-S002-01-10	DU14-S003-01-10 6/14/2017 N	DU14-S004-01-10 6/14/2017 N		
2017 MAY PHASEIII 1 - 10 ft	2017 May PhaseIII 1 - 10 ft	2017 May PhaseIII 1 - 10 ft	2017 May PhaseIII 1 - 10 ft	2017 May PhaseIII 1 - 10 ft	2017 May PhaseIII 1 - 10 ft	2017 MAY PHASEIII 1 - 10 ft	2017 MAY PHASEIII 1 - 10 ft	2017 MAY PHASEIII 1 - 10 ft	2017 MAY PHASEIII 1 - 10 ft	2017 MAY PHASEIII 1 - 10 ft	2017 MAY PHASEIII 1 - 10 ft		
Chemical	CAS	Units											
SVOCs Continued													
Acenaphthene	83-32-9	mg/kg	< 0.0015 U	0.008 J	< 0.008 UJ	< 0.0015 U	< 0.0015 U	< 0.0014 U	< 0.0015 U	< 0.0015 UJ	0.0028 J	< 0.0018 U	< 0.0016 U
Acenaphthylene	208-96-8	mg/kg	< 0.0015 U	< 0.007 U	< 0.008 U	< 0.0015 U	< 0.0015 U	< 0.0014 U	< 0.0015 U	< 0.0015 UJ	0.0014 J	< 0.0018 U	< 0.0016 U
Anthracene	120-12-7	mg/kg	0.00086 J	< 0.007 U	< 0.008 U	0.00090 J	0.00058 J	< 0.0014 U	0.00092 J	0.00047 J	0.0071 J	< 0.0018 U	< 0.0016 U
Benzaldehyde	100-52-7	mg/kg	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.18 U	< 0.16 U
Benzo(a)anthracene	56-55-3	mg/kg	0.0025	0.009 J	0.008 J	0.0047	0.0020	< 0.0014 U	0.0027	0.0026 J	0.036 J	< 0.0018 U	< 0.0016 U
Benzo(a)pyrene	50-32-8	mg/kg	0.0030	0.008 J	0.009 J	0.0062	0.0024	< 0.0014 U	0.0028	0.0029 J	0.041 J	0.00090 J	< 0.0016 U
Benzo(b)fluoranthene	205-99-2	mg/kg	0.0046	0.011 J	0.01 J	0.010	0.0040	< 0.0014 U	0.0043	0.0044 J	0.067 J	0.0014 J	0.0011 J
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.00097 J	< 0.007 UJ	0.005 J	0.0023	0.00089 J	< 0.0014 U	0.0012 J	0.00094 J	0.011 J	< 0.0018 U	< 0.0016 U
Benzo(k)fluoranthene	207-08-9	mg/kg	0.0020	0.006 J	0.007 J	0.0034	0.0022	< 0.0014 U	0.0014 J	0.0018 J	0.026 J	< 0.0018 U	< 0.0016 U
Benzoic acid	65-85-0	mg/kg	< 0.56 U	< 0.56 U	< 0.59 U	< 0.55 U	< 0.55 U	< 0.53 U	< 0.56 U	< 0.56 UJ	0.70 J	< 0.66 U	< 0.59 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.037 U	< 0.037 U	< 0.039 U	< 0.037 U	< 0.036 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.044 U	< 0.039 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.18 U	< 0.16 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.18 U	< 0.16 U
Caprolactam	105-60-2	mg/kg	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.18 U	< 0.16 U
CARBAZOLE	86-74-8	mg/kg	< 0.037 U	< 0.037 U	< 0.039 U	< 0.037 U	< 0.036 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.044 U	< 0.039 U
Chrysene	218-01-9	mg/kg	0.0029	0.011 J	0.009 J	0.0047	0.0027	< 0.0014 U	0.0031	0.0030 J	0.042 J	0.00090 J	0.00067 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.0015 U	< 0.007 U	< 0.008 U	0.00077 J	< 0.0015 U	< 0.0014 U	< 0.0015 U	< 0.0015 UJ	0.0043 J	< 0.0018 U	< 0.0016 U
Dibenzofuran	132-64-9	mg/kg	< 0.037 U	< 0.037 U	< 0.039 U	< 0.037 U	< 0.036 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.044 U	< 0.039 U
Diethyl phthalate	84-66-2	mg/kg	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.18 U	< 0.16 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.18 U	< 0.16 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.18 U	< 0.16 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.18 U	< 0.16 U
Fluoranthene	206-44-0	mg/kg	0.0058	0.012 J	0.012 J	0.0068	0.0042	< 0.0014 U	0.0065	0.0044 J	0.082 J	0.0015 J	0.0012 J
Fluorene	86-73-7	mg/kg	< 0.0015 U	< 0.007 U	< 0.008 U	< 0.0015 U	< 0.0015 U	< 0.0014 U	< 0.0015 U	< 0.0015 UJ	0.0027 J	< 0.0018 U	< 0.0016 U
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.0010 J	0.004 J	0.004 J	0.0023	0.00098 J	< 0.0014 U	0.0014 J	0.0010 J	0.014 J	< 0.0018 U	< 0.0016 U
Naphthalene	91-20-3	mg/kg	0.0013 J	0.003 J	< 0.008 UJ	0.0052	< 0.0018 U	< 0.0014 U	< 0.0015 U	< 0.0015 UJ	0.0022 J	< 0.0018 U	< 0.0016 U
Phenanthrene	85-01-8	mg/kg	0.0033	0.007 J	< 0.008 UJ	0.0032	0.0024	< 0.0014 U	0.0041	0.0020 J	0.039 J	< 0.0018 U	< 0.0016 U
Pyrene	129-00-0	mg/kg	0.0049	0.012 J	0.012 J	0.0070	0.0038	0.00040 J	0.0052	0.0041 J	0.080 J	0.0013 J	0.00094 J
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.0040	0.011	0.012	0.0087	0.0033	< 0.0032	0.0038	0.0039	0.057	0.0013	0.00026
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	0.023	0.071	0.069	0.041	0.020	0.012	0.023	0.022	0.32	0.010	0.0081
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	0.017	0.10	0.076	0.025	0.011	< 0.013	0.017	0.0097	0.14	0.016	0.014
Total PAHs Calculated	CALC-PAH	mg/kg	0.040	0.17	0.12	0.066	0.032	0.024	0.042	0.033	0.46	0.022	0.018
VOCs													
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,1,1-Trichloroethane	71-55-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,1,2-trichloro-1,2,2-trifluoroethane (Freon 11)	76-13-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,1,2-Trichloroethane	79-00-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,1-Dichloroethane	75-34-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,1-Dichloroethene	75-35-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,2,3-Trichlorobenzene	87-61-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,2,4-Trimethylbenzene	95-63-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,3,5-Trimethylbenzene	108-67-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,4-Dioxane	123-91-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Butanone	78-93-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Isopropyltoluene	99-87-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Methyl-2-pentanone	108-10-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Acetone	67-64-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Benzene	71-43-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU12-S012 DU12-S012-01-10 6/14/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU12-S013 DU12-S013-01-10 6/13/2017 N 2017 May PhaseIII 1 - 10 ft	DU12-S013 DU12-S013-01-10D 6/13/2017 FD DU12-S013-01-10 2017 May PhaseIII 1 - 10 ft	DU12-S014 DU12-S014-01-10 6/13/2017 N 2017 May PhaseIII 1 - 10 ft	DU12-S015 DU12-S015-01-10 6/13/2017 N 2017 May PhaseIII 1 - 10 ft	DU12-S016 DU12-S016-01-10 6/14/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU14-S001 DU14-S001-01-10 6/14/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU14-S002 DU14-S002-01-10 6/14/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU14-S002 DU14-S002-01-10D 6/14/2017 FD DU14-S002-01-10 2017 MAY PHASEIII 1 - 10 ft	DU14-S003 DU14-S003-01-10 6/14/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU14-S004 DU14-S004-01-10 6/14/2017 N 2017 MAY PHASEIII 1 - 10 ft
Chemical	CAS	Units											
VOCs Continued													
Carbon disulfide	75-15-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Carbon tetrachloride	56-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chloroethane	75-00-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chloroform	67-66-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
cis-1,2-Dichloroethene	156-59-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
cyclohexane	110-82-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	100-41-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Isopropylbenzene	98-82-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
m,p-Xylene	108383/106423	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methyl tert-butyl ether	1634-04-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methylacetate	79-20-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
methylcyclohexane	108-87-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methylene chloride	75-09-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Butylbenzene	104-51-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Propylbenzene	103-65-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
o-Xylene	95-47-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
sec-Butylbenzene	135-98-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
tert-Butylbenzene	98-06-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Tetrachloroethene	127-18-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Toluene	108-88-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
trans-1,2-Dichloroethene	156-60-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Trichloroethene	79-01-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Vinyl chloride	75-01-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Xylenes (total)	1330-20-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	DU14-S004	DU14-S005	DU14-S006	DU14-S006	DU14-S007	DU14-S008	DU14-S008	DU14-S009	DU14-S010	DU14-S010	DU14-S011
	Sample ID	DU14-S004-01-10D	DU14-S005-01-10	DU14-S006-01-10	DU14-S006-01-10D	DU14-S007-01-10	DU14-S008-01-10	DU14-S008-01-10D	DU14-S009-01-10	DU14-S010-01-10	DU14-S010-01-10D	DU14-S011-01-10
	Sample Date	6/14/2017	6/14/2017	6/14/2017	6/14/2017	6/13/2017	6/13/2017	6/13/2017	6/14/2017	6/13/2017	6/13/2017	6/7/2017
	Sample Type Code	FD	N	N	FD	N	N	FD	N	N	FD	N
	Parent Sample ID	DU14-S004-01-10			DU14-S006-01-10			DU14-S008-01-10			DU14-S010-01-10	
	Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 MAY PHASEIII	2017 May PhaseIII	2017 May PhaseIII	2017 MAY PHASEIII
	Depth Interval	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft
Chemical	CAS	Units										
General Chemistry												
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	—	—	—	—
pH	PH	std units	—	—	—	—	—	—	—	—	—	—
Metals												
Aluminum	7429-90-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Antimony	7440-36-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Arsenic	7440-38-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Barium	7440-39-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Beryllium	7440-41-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Cadmium	7440-43-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Calcium (Ca)	7440-70-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Chromium	7440-47-3	mg/kg	—	—	—	—	—	—	—	—	—	—
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Copper	7440-50-8	mg/kg	—	—	—	—	—	—	—	—	—	—
Iron (Fe)	7439-89-6	mg/kg	—	—	—	—	—	—	—	—	—	—
Lead	7439-92-1	mg/kg	—	—	—	—	—	—	—	—	—	—
Magnesium (Mg)	7439-95-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Manganese (Mn)	7439-96-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Mercury	7439-97-6	mg/kg	—	—	—	—	—	—	—	—	—	—
Nickel	7440-02-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Potassium (K)	7440-09-7	mg/kg	—	—	—	—	—	—	—	—	—	—
Selenium	7782-49-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Silver	7440-22-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Sodium (Na)	7440-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Thallium	7440-28-0	mg/kg	—	—	—	—	—	—	—	—	—	—
Vanadium	7440-62-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Zinc	7440-66-6	mg/kg	—	—	—	—	—	—	—	—	—	—
PCBs												
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	—	—
SVOCs												
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.038 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.039 U	< 0.037 U	< 0.037 U	< 0.036 U	< 0.038 U	< 0.039 U
1-Methylnaphthalene	90-12-0	mg/kg	< 0.0015 U	< 0.0015 U	< 0.0014 U	< 0.0015 U	< 0.0016 U	< 0.0015 U	< 0.0015 U	< 0.0014 U	0.0093 J	< 0.0015 UJ
2-Chloronaphthalene	91-58-7	mg/kg	< 0.015 U	< 0.015 U	< 0.014 U	< 0.015 U	< 0.016 U	< 0.015 U	< 0.015 U	< 0.014 U	< 0.015 U	< 0.015 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.0015 U	< 0.0015 U	< 0.0014 U	< 0.0015 U	0.00086 J	< 0.0015 U	< 0.0015 U	< 0.0014 U	0.017 J	< 0.0015 UJ
2-Methylphenol	95-48-7	mg/kg	< 0.038 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.039 U	< 0.037 U	< 0.037 U	< 0.036 U	< 0.038 U	< 0.039 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.038 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.039 U	< 0.037 U	< 0.037 U	< 0.036 U	< 0.038 U	< 0.039 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.038 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.039 U	< 0.037 U	< 0.037 U	< 0.036 U	< 0.038 U	< 0.039 U
4-Chloroaniline	106-47-8	mg/kg	< 0.075 U	< 0.073 U	< 0.072 U	< 0.073 U	< 0.079 U	< 0.073 U	< 0.075 U	< 0.072 U	< 0.076 U	< 0.077 U

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval	DU14-S004	DU14-S005	DU14-S006	DU14-S006	DU14-S007	DU14-S008	DU14-S008	DU14-S009	DU14-S010	DU14-S010	DU14-S011		
	DU14-S004-01-10D 6/14/2017 FD DU14-S004-01-10 2017 MAY PHASEIII 1 - 10 ft	DU14-S005-01-10 6/14/2017 N N 2017 MAY PHASEIII 1 - 10 ft	DU14-S006-01-10 6/14/2017 N N 2017 MAY PHASEIII 1 - 10 ft	DU14-S006-01-10D 6/14/2017 FD DU14-S006-01-10 2017 MAY PHASEIII 1 - 10 ft	DU14-S007-01-10 6/13/2017 N N 2017 May PhaseIII 1 - 10 ft	DU14-S008-01-10 6/13/2017 N N 2017 May PhaseIII 1 - 10 ft	DU14-S008-01-10D 6/13/2017 FD DU14-S008-01-10 2017 May PhaseIII 1 - 10 ft	DU14-S009-01-10 6/14/2017 N N 2017 MAY PHASEIII 1 - 10 ft	DU14-S010-01-10 6/13/2017 N N 2017 May PhaseIII 1 - 10 ft	DU14-S010-01-10D 6/13/2017 FD DU14-S010-01-10 2017 May PhaseIII 1 - 10 ft	DU14-S011-01-10 6/7/2017 N N 2017 MAY PHASEIII 1 - 10 ft		
Chemical	CAS	Units											
SVOCs Continued													
Acenaphthene	83-32-9	mg/kg	< 0.0015 U	< 0.0015 U	< 0.0014 U	< 0.0015 U	0.0033	0.0012 J	< 0.0015 UJ	< 0.0014 U	0.0016 J	< 0.0015 UJ	< 0.0016 U
Acenaphthylene	208-96-8	mg/kg	< 0.0015 U	< 0.0015 U	< 0.0014 UJ	0.00037 J	< 0.0016 U	< 0.0015 U	< 0.0015 U	< 0.0014 U	0.0029 J	< 0.0015 UJ	< 0.0016 U
Anthracene	120-12-7	mg/kg	< 0.0015 U	< 0.0015 U	< 0.0014 U	< 0.0015 U	0.0060	0.0031 J	0.0012 J	0.00045 J	0.0038 J	0.0014 J	0.00047 J
Benzaldehyde	100-52-7	mg/kg	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.16 U
Benzo(a)anthracene	56-55-3	mg/kg	< 0.0015 U	0.0015 J	0.00078 J	0.0011 J	0.025	0.0051	0.0043	0.0023	0.0065 J	0.0033 J	< 0.0016 U
Benzo(a)pyrene	50-32-8	mg/kg	< 0.0015 U	0.0015 J	0.00077 J	0.00096 J	0.025	0.0054	0.0046	0.0022	0.0059 J	0.0031 J	< 0.0016 U
Benzo(b)fluoranthene	205-99-2	mg/kg	0.00098 J	0.0024	0.0013 J	0.0015 J	0.036	0.0090	0.0075	0.0034	0.0092 J	0.0051 J	< 0.0016 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.0015 U	< 0.0015 U	< 0.0014 U	< 0.0015 U	0.0064	0.0015 J	0.0012 J	< 0.0014 U	0.0018 J	0.0010 J	< 0.0016 U
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.0015 U	0.00092 J	< 0.0014 U	< 0.0015 U	0.022	0.0042	0.0037	0.0014 J	0.0035 J	0.0019 J	< 0.0016 U
Benzoic acid	65-85-0	mg/kg	< 0.56 U	< 0.55 U	< 0.54 U	< 0.55 U	< 0.59 U	< 0.55 U	< 0.56 U	< 0.54 U	< 0.57 U	< 0.58 U	< 0.58 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.038 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.039 U	< 0.037 U	< 0.037 U	< 0.036 U	< 0.038 U	< 0.039 U	< 0.039 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.16 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.16 U
Caprolactam	105-60-2	mg/kg	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.16 U
CARBAZOLE	86-74-8	mg/kg	< 0.038 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.039 U	< 0.037 U	< 0.037 U	< 0.036 U	< 0.038 U	< 0.039 U	< 0.039 U
Chrysene	218-01-9	mg/kg	0.00058 J	0.0018	0.00082 J	0.0010 J	0.027	0.0060 J	0.0044 J	0.0022	0.0063 J	0.0031 J	0.00044 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.0015 U	< 0.0015 U	< 0.0014 U	< 0.0015 U	0.0026	< 0.0015 U	< 0.0015 U	< 0.0014 U	< 0.0015 U	< 0.0015 U	< 0.0016 U
Dibenzofuran	132-64-9	mg/kg	< 0.038 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.039 U	< 0.037 U	< 0.037 U	< 0.036 U	< 0.038 U	< 0.039 U	< 0.039 U
Diethyl phthalate	84-66-2	mg/kg	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.16 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.16 U	< 0.14 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.16 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.16 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.15 U	< 0.16 U
Fluoranthene	206-44-0	mg/kg	0.0011 J	0.0026	0.0018 J	0.0020	0.053	0.014 J	0.0094 J	0.0048	0.014 J	0.0071 J	0.0012 J
Fluorene	86-73-7	mg/kg	< 0.0015 U	< 0.0015 U	< 0.0014 U	< 0.0015 U	0.0057	0.0011 J	< 0.0015 UJ	< 0.0014 U	0.0034 J	< 0.0015 UJ	0.00098 J
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	< 0.0015 U	< 0.0015 U	< 0.0014 U	< 0.0015 U	0.0078	0.0017 J	0.0014 J	0.00073 J	0.0019 J	0.0011 J	< 0.0016 U
Naphthalene	91-20-3	mg/kg	< 0.0015 U	0.0010 J	< 0.0018 UJ	0.0019 J	0.0012 J	< 0.0018 UJ	< 0.0015 UJ	< 0.0014 U	0.041 J	< 0.0015 UJ	0.0026
Phenanthrene	85-01-8	mg/kg	< 0.0015 U	0.0013 J	0.0015 J	0.0012 J	0.036	0.011 J	0.0049 J	0.0028	0.013 J	0.0048 J	0.0018 J
Pyrene	129-00-0	mg/kg	0.00088 J	0.0023	0.0015 J	0.0015 J	0.066	0.016 J	0.0096 J	0.0041	0.012 J	0.0059 J	0.0011 J
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.00023	0.0020	0.0012	0.0015	0.035	0.0074	0.0062	0.0030	0.0081	0.0043	0.0037
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	0.0073	0.013	0.0088	0.010	0.22	0.050	0.038	0.018	0.049	0.026	0.0069
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	0.013	0.012	0.013	0.0094	0.11	0.035	0.023	0.011	0.11	0.022	0.011
Total PAHs Calculated	CALC-PAH	mg/kg	0.016	0.025	0.019	0.020	0.33	0.085	0.061	0.029	0.15	0.046	0.019
VOCs													
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,1,1-Trichloroethane	71-55-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,1,2-trichloro-1,2,2-trifluoroethane (Freon 11)	76-13-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,1,2-Trichloroethane	79-00-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,1-Dichloroethane	75-34-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,1-Dichloroethene	75-35-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,2,3-Trichlorobenzene	87-61-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,2,4-Trimethylbenzene	95-63-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,3,5-Trimethylbenzene	108-67-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
1,4-Dioxane	123-91-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
2-Butanone	78-93-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Isopropyltoluene	99-87-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
4-Methyl-2-pentanone	108-10-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Acetone	67-64-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Benzene	71-43-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	DU14-S004	DU14-S005	DU14-S006	DU14-S006	DU14-S007	DU14-S008	DU14-S008	DU14-S009	DU14-S010	DU14-S010	DU14-S011
		Sample ID	DU14-S004-01-10D	DU14-S005-01-10	DU14-S006-01-10	DU14-S006-01-10D	DU14-S007-01-10	DU14-S008-01-10	DU14-S008-01-10D	DU14-S009-01-10	DU14-S010-01-10	DU14-S010-01-10D	DU14-S011-01-10
		Sample Date	6/14/2017	6/14/2017	6/14/2017	6/14/2017	6/13/2017	6/13/2017	6/13/2017	6/14/2017	6/13/2017	6/13/2017	6/7/2017
		Sample Type Code	FD	N	N	FD	N	N	FD	N	N	FD	N
		Parent Sample ID	DU14-S004-01-10			DU14-S006-01-10			DU14-S008-01-10			DU14-S010-01-10	
		Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 MAY PHASEIII	2017 May PhaseIII	2017 May PhaseIII	2017 MAY PHASEIII
		Depth Interval	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft
Chemical	CAS	Units											
VOCs Continued													
Carbon disulfide	75-15-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Carbon tetrachloride	56-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chloroethane	75-00-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chloroform	67-66-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
cis-1,2-Dichloroethene	156-59-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
cyclohexane	110-82-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	100-41-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Isopropylbenzene	98-82-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
m,p-Xylene	108383/106423	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methyl tert-butyl ether	1634-04-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methylacetate	79-20-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
methylcyclohexane	108-87-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methylene chloride	75-09-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Butylbenzene	104-51-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Propylbenzene	103-65-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
o-Xylene	95-47-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
sec-Butylbenzene	135-98-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
tert-Butylbenzene	98-06-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Tetrachloroethene	127-18-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Toluene	108-88-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
trans-1,2-Dichloroethene	156-60-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Trichloroethene	79-01-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Vinyl chloride	75-01-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Xylenes (total)	1330-20-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval	DU14-S012	DU14-S012	DU14-S013	DU14-S014	DU14-S015	DU14-S016	DU15-S001	DU15-S001	DU15-S002	DU15-S003	DU15-S003	
	DU14-S012-01-10 6/13/2017 N	DU14-S012-01-10D 6/13/2017 FD DU14-S012-01-10	DU14-S013-01-10 6/14/2017 N	DU14-S014-01-10 6/13/2017 N	DU14-S015-01-10 6/13/2017 N	DU14-S016-01-10 6/13/2017 N	DU15-S001-01-02 6/15/2017 N	DU15-S001-01-02D 6/15/2017 FD DU15-S001-01-02	DU15-S002-01-02 6/15/2017 N	DU15-S003-01-02 6/15/2017 N	DU15-S003-01-02D 6/15/2017 FD DU15-S003-01-02	
2017 May PhaseIII 1 - 10 ft	2017 May PhaseIII 1 - 10 ft	2017 MAY PHASEIII 1 - 10 ft	2017 May PhaseIII 1 - 10 ft	2017 May PhaseIII 1 - 10 ft	2017 May PhaseIII 1 - 10 ft	2017 May PhaseIII 1 - 10 ft	2017 MAY PHASEIII 1 - 2 ft	2017 MAY PHASEIII 1 - 2 ft	2017 MAY PHASEIII 1 - 2 ft	2017 MAY PHASEIII 1 - 2 ft	2017 MAY PHASEIII 1 - 2 ft	
Chemical	CAS	Units										
General Chemistry												
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	—	—	—	
pH	PH	std units	—	—	—	—	—	—	—	—	—	
Metals												
Aluminum	7429-90-5	mg/kg	—	—	—	—	—	—	—	—	—	
Antimony	7440-36-0	mg/kg	—	—	—	—	—	—	—	—	—	
Arsenic	7440-38-2	mg/kg	—	—	—	—	—	—	—	—	—	
Barium	7440-39-3	mg/kg	—	—	—	—	—	—	—	—	—	
Beryllium	7440-41-7	mg/kg	—	—	—	—	—	—	—	—	—	
Cadmium	7440-43-9	mg/kg	—	—	—	—	—	—	—	—	—	
Calcium (Ca)	7440-70-2	mg/kg	—	—	—	—	—	—	—	—	—	
Chromium	7440-47-3	mg/kg	—	—	—	—	—	—	—	—	—	
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	—	—	—	
Chromium(VI) (b)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—	—	
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—	—	
Cobalt	7440-48-4	mg/kg	—	—	—	—	—	—	—	—	—	
Copper	7440-50-8	mg/kg	—	—	—	—	—	—	—	—	—	
Iron (Fe)	7439-89-6	mg/kg	—	—	—	—	—	—	—	—	—	
Lead	7439-92-1	mg/kg	—	—	—	—	—	—	—	—	—	
Magnesium (Mg)	7439-95-4	mg/kg	—	—	—	—	—	—	—	—	—	
Manganese (Mn)	7439-96-5	mg/kg	—	—	—	—	—	—	—	—	—	
Mercury	7439-97-6	mg/kg	—	—	—	—	—	—	—	—	—	
Nickel	7440-02-0	mg/kg	—	—	—	—	—	—	—	—	—	
Potassium (K)	7440-09-7	mg/kg	—	—	—	—	—	—	—	—	—	
Selenium	7782-49-2	mg/kg	—	—	—	—	—	—	—	—	—	
Silver	7440-22-4	mg/kg	—	—	—	—	—	—	—	—	—	
Sodium (Na)	7440-23-5	mg/kg	—	—	—	—	—	—	—	—	—	
Thallium	7440-28-0	mg/kg	—	—	—	—	—	—	—	—	—	
Vanadium	7440-62-2	mg/kg	—	—	—	—	—	—	—	—	—	
Zinc	7440-66-6	mg/kg	—	—	—	—	—	—	—	—	—	
PCBs												
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	< 0.013 U	< 0.013 U	< 0.012 U	< 0.015 U	< 0.016 U
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	< 0.013 U	< 0.013 U	< 0.012 U	< 0.015 U	< 0.016 U
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	< 0.020 U	< 0.021 U	< 0.018 U	< 0.024 U	< 0.025 U
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	< 0.013 U	< 0.013 U	< 0.012 U	< 0.015 U	< 0.016 U
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	< 0.013 U	< 0.013 U	< 0.012 U	< 0.015 U	< 0.016 U
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	< 0.013 U	< 0.013 U	< 0.012 U	< 0.015 U	< 0.016 U
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	< 0.013 U	< 0.013 U	< 0.012 U	< 0.015 U	< 0.016 U
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	< 0.013 U	< 0.013 U	< 0.012 U	< 0.015 U	< 0.016 U
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	< 0.013 U	< 0.013 U	< 0.012 U	< 0.015 U	< 0.016 U
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	< 0.12	< 0.13	< 0.11	< 0.14	< 0.15
SVOCs												
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.037 U	< 0.038 U	< 0.036 U	< 0.038 U	< 0.039 U	< 0.038 U	—	—	—	—
1-Methylnaphthalene	90-12-0	mg/kg	< 0.007 U	< 0.008 U	< 0.0015 U	< 0.0015 U	0.0014 J	< 0.0015 U	—	—	—	—
2-Chloronaphthalene	91-58-7	mg/kg	< 0.015 U	< 0.015 U	< 0.015 U	< 0.015 U	< 0.015 U	< 0.015 U	—	—	—	—
2-Methylnaphthalene	91-57-6	mg/kg	< 0.007 U	< 0.008 U	< 0.0015 U	< 0.0015 U	0.0017 J	< 0.0015 U	—	—	—	—
2-Methylphenol	95-48-7	mg/kg	< 0.037 U	< 0.038 U	< 0.036 U	< 0.038 U	< 0.039 U	< 0.038 U	—	—	—	—
3,4-Methylphenol	108394/106445	mg/kg	< 0.037 U	< 0.038 U	< 0.036 U	< 0.038 U	< 0.039 U	< 0.038 U	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.037 U	< 0.038 U	< 0.036 U	< 0.038 U	< 0.039 U	< 0.038 U	—	—	—	—
4-Chloroaniline	106-47-8	mg/kg	< 0.074 U	< 0.077 U	< 0.073 U	< 0.075 U	< 0.077 U	< 0.076 U	—	—	—	—

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

Chemical	CAS	Units	Location ID	DU14-S012	DU14-S012	DU14-S013	DU14-S014	DU14-S015	DU14-S016	DU15-S001	DU15-S001	DU15-S002	DU15-S003	DU15-S003	
			Sample ID	DU14-S012-01-10	DU14-S012-01-10D	DU14-S013-01-10	DU14-S014-01-10	DU14-S015-01-10	DU14-S016-01-10	DU15-S001-01-02	DU15-S001-01-02D	DU15-S002-01-02	DU15-S003-01-02	DU15-S003-01-02D	
Sample Date	Sample Type Code	Parent Sample ID	Task Code	Depth Interval	DU14-S012-01-10	DU14-S012-01-10	DU14-S013-01-10	DU14-S014-01-10	DU14-S015-01-10	DU14-S016-01-10	DU15-S001-01-02	DU15-S001-01-02D	DU15-S002-01-02	DU15-S003-01-02	DU15-S003-01-02D
Depth Interval					2017 May PhaseIII	2017 May PhaseIII	2017 MAY PHASEIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
Acenaphthene	83-32-9	mg/kg	< 0.007 U	< 0.008 U	< 0.0015 U	< 0.0015 U	0.0062	0.00099 J	—	—	—	—	—	—	—
Acenaphthylene	208-96-8	mg/kg	0.007 J	0.006 J	< 0.0015 U	< 0.0015 U	0.0013 J	0.00040 J	—	—	—	—	—	—	—
Anthracene	120-12-7	mg/kg	0.004 J	< 0.008 UJ	0.00059 J	0.0012 J	0.014	0.0020	—	—	—	—	—	—	—
Benzaldehyde	100-52-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	—	—	—	—	—	—	—
Benzo(a)anthracene	56-55-3	mg/kg	0.013 J	0.010 J	0.0032	0.0057	0.077	0.010	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	mg/kg	0.013 J	0.011 J	0.0034	0.0064	0.082	0.012	—	—	—	—	—	—	—
Benzo(b)fluoranthene	205-99-2	mg/kg	0.018 J	0.013 J	0.0057	0.012	0.14	0.022	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.008 J	0.006 J	0.00098 J	0.0018 J	0.033	0.0035	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	mg/kg	0.009 J	0.009 J	0.0020	0.0062	0.051	0.011	—	—	—	—	—	—	—
Benzoic acid	65-85-0	mg/kg	< 0.56 U	< 0.57 U	< 0.54 U	< 0.56 U	< 0.58 U	< 0.57 U	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.037 U	< 0.038 U	< 0.036 U	< 0.038 U	< 0.039 U	< 0.038 U	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	—	—	—	—	—	—	—
Caprolactam	105-60-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	< 0.037 U	< 0.038 U	< 0.036 U	< 0.038 U	< 0.039 U	< 0.038 U	—	—	—	—	—	—	—
Chrysene	218-01-9	mg/kg	0.014 J	0.009 J	0.0036	0.0073	0.085	0.013	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.005 J	< 0.008 UJ	< 0.0015 U	< 0.0015 U	0.011	0.0012 J	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	mg/kg	< 0.037 U	< 0.038 U	< 0.036 U	< 0.038 U	< 0.039 U	< 0.038 U	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	—	—	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	0.026 J	0.019 J	0.0071	0.013	0.16	0.024	—	—	—	—	—	—	—
Fluorene	86-73-7	mg/kg	< 0.007 U	< 0.008 U	< 0.0015 U	< 0.0015 U	0.0056	0.0011 J	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.009 J	0.006 J	0.0011 J	0.0020	0.035	0.0040	—	—	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	< 0.007 U	< 0.008 U	< 0.0015 U	< 0.0015 U	0.0026	0.0055	—	—	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	0.014 J	0.009 J	0.0035	0.0077	0.077	0.012	—	—	—	—	—	—	—
Pyrene	129-00-0	mg/kg	0.024 J	0.017 J	0.0063	0.016	0.15	0.028	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.022	0.015	0.0046	0.0088	0.12	0.017	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	0.11	0.087	0.027	0.059	0.66	0.10	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	0.071	0.070	0.015	0.029	0.27	0.048	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	mg/kg	0.19	0.16	0.044	0.088	0.93	0.15	—	—	—	—	—	—	—
VOCs															
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—	—
1,1,1-Trichloroethane	71-55-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—	—
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—	—
1,1,2-trichloro-1,2,2-trifluoroethane (Freon 11)	76-13-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—	—
1,1,2-Trichloroethane	79-00-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—	—
1,1-Dichloroethane	75-34-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—	—
1,1-Dichloroethene	75-35-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—	—
1,2,3-Trichlorobenzene	87-61-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—	—
1,2,4-Trimethylbenzene	95-63-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—	—
1,3,5-Trimethylbenzene	108-67-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—	—
1,4-Dioxane	123-91-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Butanone	78-93-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Isopropyltoluene	99-87-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—	—
4-Methyl-2-pentanone	108-10-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—	—
Acetone	67-64-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—	—
Benzene	71-43-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU14-S012 DU14-S012-01-10 6/13/2017 N 2017 May PhaseIII 1 - 10 ft	DU14-S012 DU14-S012-01-10D 6/13/2017 FD DU14-S012-01-10 2017 May PhaseIII 1 - 10 ft	DU14-S013 DU14-S013-01-10 6/14/2017 N 2017 MAY PHASEIII 1 - 10 ft	DU14-S014 DU14-S014-01-10 6/13/2017 N 2017 May PhaseIII 1 - 10 ft	DU14-S015 DU14-S015-01-10 6/13/2017 N 2017 May PhaseIII 1 - 10 ft	DU14-S016 DU14-S016-01-10 6/13/2017 N 2017 May PhaseIII 1 - 10 ft	DU15-S001 DU15-S001-01-02 6/15/2017 N 2017 MAY PHASEIII 1 - 2 ft	DU15-S001 DU15-S001-01-02D 6/15/2017 FD DU15-S001-01-02 2017 MAY PHASEIII 1 - 2 ft	DU15-S002 DU15-S002-01-02 6/15/2017 N 2017 MAY PHASEIII 1 - 2 ft	DU15-S003 DU15-S003-01-02 6/15/2017 N 2017 MAY PHASEIII 1 - 2 ft	DU15-S003 DU15-S003-01-02D 6/15/2017 FD DU15-S003-01-02 2017 MAY PHASEIII 1 - 2 ft
Chemical	CAS	Units											
VOCs Continued													
Carbon disulfide	75-15-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Carbon tetrachloride	56-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chloroethane	75-00-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chloroform	67-66-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
cis-1,2-Dichloroethene	156-59-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
cyclohexane	110-82-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	100-41-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Isopropylbenzene	98-82-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
m,p-Xylene	108383/106423	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methyl tert-butyl ether	1634-04-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methylacetate	79-20-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
methylcyclohexane	108-87-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methylene chloride	75-09-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Butylbenzene	104-51-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Propylbenzene	103-65-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
o-Xylene	95-47-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
sec-Butylbenzene	135-98-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
tert-Butylbenzene	98-06-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Tetrachloroethene	127-18-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Toluene	108-88-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
trans-1,2-Dichloroethene	156-60-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Trichloroethene	79-01-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Vinyl chloride	75-01-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Xylenes (total)	1330-20-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID	DU15-S004	DU15-S005	DU15-S005	DU15-S006	DU15-S007	DU15-S007	DU15-S008	DU15-S009	DU15-S010	DU15-S011	DU15-S012
Sample ID	DU15-S004-01-02	DU15-S005-01-02	DU15-S005-01-02D	DU15-S006-01-02	DU15-S007-01-02	DU15-S007-01-02D	DU15-S008-01-02	DU15-S009-01-02	DU15-S010-01-02	DU15-S011-01-02	DU15-S012-01-02
Sample Date	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/15/2017
Sample Type Code	N	N	FD	N	N	FD	N	N	N	N	N
Parent Sample ID			DU15-S005-01-02			DU15-S007-01-02					
Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII
Depth Interval	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft
Chemical	CAS	Units									
SVOCs Continued											
Acenaphthene	83-32-9	mg/kg	—	—	—	—	—	—	—	—	—
Acenaphthylene	208-96-8	mg/kg	—	—	—	—	—	—	—	—	—
Anthracene	120-12-7	mg/kg	—	—	—	—	—	—	—	—	—
Benzaldehyde	100-52-7	mg/kg	—	—	—	—	—	—	—	—	—
Benzo(a)anthracene	56-55-3	mg/kg	—	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	mg/kg	—	—	—	—	—	—	—	—	—
Benzo(b)fluoranthene	205-99-2	mg/kg	—	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	mg/kg	—	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	mg/kg	—	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	mg/kg	—	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	mg/kg	—	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	—	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	mg/kg	—	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	mg/kg	—	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	mg/kg	—	—	—	—	—	—	—	—	—
Chrysene	218-01-9	mg/kg	—	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	mg/kg	—	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	mg/kg	—	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	mg/kg	—	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	mg/kg	—	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	mg/kg	—	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	mg/kg	—	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	mg/kg	—	—	—	—	—	—	—	—	—
Fluorene	86-73-7	mg/kg	—	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	—	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	mg/kg	—	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	mg/kg	—	—	—	—	—	—	—	—	—
Pyrene	129-00-0	mg/kg	—	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	—	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	—	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	—	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	mg/kg	—	—	—	—	—	—	—	—	—
VOCs											
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	—	—	—	—	—	—	—	—	—
1,1,1-Trichloroethane	71-55-6	mg/kg	—	—	—	—	—	—	—	—	—
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	—	—	—	—	—	—	—	—	—
1,1,2-trichloro-1,2,2-trifluoroethane (Freon 11)	76-13-1	mg/kg	—	—	—	—	—	—	—	—	—
1,1,2-Trichloroethane	79-00-5	mg/kg	—	—	—	—	—	—	—	—	—
1,1-Dichloroethane	75-34-3	mg/kg	—	—	—	—	—	—	—	—	—
1,1-Dichloroethene	75-35-4	mg/kg	—	—	—	—	—	—	—	—	—
1,2,3-Trichlorobenzene	87-61-6	mg/kg	—	—	—	—	—	—	—	—	—
1,2,4-Trimethylbenzene	95-63-6	mg/kg	—	—	—	—	—	—	—	—	—
1,3,5-Trimethylbenzene	108-67-8	mg/kg	—	—	—	—	—	—	—	—	—
1,4-Dioxane	123-91-1	mg/kg	—	—	—	—	—	—	—	—	—
2-Butanone	78-93-3	mg/kg	—	—	—	—	—	—	—	—	—
4-Isopropyltoluene	99-87-6	mg/kg	—	—	—	—	—	—	—	—	—
4-Methyl-2-pentanone	108-10-1	mg/kg	—	—	—	—	—	—	—	—	—
Acetone	67-64-1	mg/kg	—	—	—	—	—	—	—	—	—
Benzene	71-43-2	mg/kg	—	—	—	—	—	—	—	—	—

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID Task Code Depth Interval			DU15-S004 DU15-S004-01-02 6/15/2017 N 2017 MAY PHASEIII 1 - 2 ft	DU15-S005 DU15-S005-01-02 6/15/2017 N 2017 MAY PHASEIII 1 - 2 ft	DU15-S005 DU15-S005-01-02D 6/15/2017 FD DU15-S005-01-02 2017 MAY PHASEIII 1 - 2 ft	DU15-S006 DU15-S006-01-02 6/15/2017 N 2017 MAY PHASEIII 1 - 2 ft	DU15-S007 DU15-S007-01-02 6/15/2017 N 2017 MAY PHASEIII 1 - 2 ft	DU15-S007 DU15-S007-01-02D 6/15/2017 FD DU15-S007-01-02 2017 MAY PHASEIII 1 - 2 ft	DU15-S008 DU15-S008-01-02 6/15/2017 N 2017 MAY PHASEIII 1 - 2 ft	DU15-S009 DU15-S009-01-02 6/15/2017 N 2017 MAY PHASEIII 1 - 2 ft	DU15-S010 DU15-S010-01-02 6/15/2017 N 2017 MAY PHASEIII 1 - 2 ft	DU15-S011 DU15-S011-01-02 6/15/2017 N 2017 MAY PHASEIII 1 - 2 ft	DU15-S012 DU15-S012-01-02 6/15/2017 N 2017 MAY PHASEIII 1 - 2 ft
Chemical	CAS	Units											
VOCs Continued													
Carbon disulfide	75-15-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Carbon tetrachloride	56-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chloroethane	75-00-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Chloroform	67-66-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
cis-1,2-Dichloroethene	156-59-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
cyclohexane	110-82-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	100-41-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Isopropylbenzene	98-82-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
m,p-Xylene	108383/106423	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methyl tert-butyl ether	1634-04-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methylacetate	79-20-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—
methylcyclohexane	108-87-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Methylene chloride	75-09-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Butylbenzene	104-51-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
n-Propylbenzene	103-65-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—
o-Xylene	95-47-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
sec-Butylbenzene	135-98-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—
tert-Butylbenzene	98-06-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Tetrachloroethene	127-18-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Toluene	108-88-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—
trans-1,2-Dichloroethene	156-60-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Trichloroethene	79-01-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Vinyl chloride	75-01-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—
Xylenes (total)	1330-20-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

			Location ID	DU15-S013	DU15-S014	DU15-S015	DU15-S016	DU16-S001	DU16-S002	DU16-S003	DU16-S004	DU16-S005	DU16-S006	DU16-S007
			Sample ID	DU15-S013-01-02	DU15-S014-01-02	DU15-S015-01-02	DU15-S016-01-02	DU16-S001-01-10	DU16-S002-01-10	DU16-S003-01-10	DU16-S004-01-10	DU16-S005-01-10	DU16-S006-01-10	DU16-S007-01-10
			Sample Date	6/15/2017	6/15/2017	6/15/2017	6/15/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017
			Sample Type Code	N	N	N	N	N	N	N	N	N	N	N
			Parent Sample ID											
			Task Code	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 MAY PHASEIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII
			Depth Interval	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft
Chemical	CAS	Units												
VOCs Continued														
Carbon disulfide	75-15-0	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Carbon tetrachloride	56-23-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Chloroethane	75-00-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Chloroform	67-66-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
cis-1,2-Dichloroethene	156-59-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
cyclohexane	110-82-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	100-41-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Isopropylbenzene	98-82-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
m,p-Xylene	108383/106423	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Methyl tert-butyl ether	1634-04-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Methylacetate	79-20-9	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
methylcyclohexane	108-87-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Methylene chloride	75-09-2	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
n-Butylbenzene	104-51-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
n-Propylbenzene	103-65-1	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
o-Xylene	95-47-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
sec-Butylbenzene	135-98-8	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
tert-Butylbenzene	98-06-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Tetrachloroethene	127-18-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Toluene	108-88-3	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
trans-1,2-Dichloroethene	156-60-5	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Trichloroethene	79-01-6	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Vinyl chloride	75-01-4	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—
Xylenes (total)	1330-20-7	mg/kg	—	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	DU16-S007	DU16-S008	DU16-S009	DU16-S010	DU16-S011	DU16-S012	DU16-S013	DU16-S014	DU16-S015	DU16-S016
	Sample ID	DU16-S007-01-10D	DU16-S008-01-10	DU16-S009-01-10	DU16-S010-01-10	DU16-S011-01-10	DU16-S012-01-10	DU16-S013-01-10	DU16-S014-01-10	DU16-S015-01-10	DU16-S016-01-10
	Sample Date	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017	6/13/2017
	Sample Type Code	FD	N	N	N	N	N	N	N	N	N
	Parent Sample ID	DU16-S007-01-10									
	Task Code	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII	2017 May PhaseIII
	Depth Interval	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft	1 - 10 ft
Chemical	CAS	Units									
VOCs Continued											
Carbon disulfide	75-15-0	mg/kg	—	—	—	—	—	—	—	—	—
Carbon tetrachloride	56-23-5	mg/kg	—	—	—	—	—	—	—	—	—
Chloroethane	75-00-3	mg/kg	—	—	—	—	—	—	—	—	—
Chloroform	67-66-3	mg/kg	—	—	—	—	—	—	—	—	—
cis-1,2-Dichloroethene	156-59-2	mg/kg	—	—	—	—	—	—	—	—	—
cyclohexane	110-82-7	mg/kg	—	—	—	—	—	—	—	—	—
Ethylbenzene	100-41-4	mg/kg	—	—	—	—	—	—	—	—	—
Isopropylbenzene	98-82-8	mg/kg	—	—	—	—	—	—	—	—	—
m,p-Xylene	108383/106423	mg/kg	—	—	—	—	—	—	—	—	—
Methyl tert-butyl ether	1634-04-4	mg/kg	—	—	—	—	—	—	—	—	—
Methylacetate	79-20-9	mg/kg	—	—	—	—	—	—	—	—	—
methylcyclohexane	108-87-2	mg/kg	—	—	—	—	—	—	—	—	—
Methylene chloride	75-09-2	mg/kg	—	—	—	—	—	—	—	—	—
n-Butylbenzene	104-51-8	mg/kg	—	—	—	—	—	—	—	—	—
n-Propylbenzene	103-65-1	mg/kg	—	—	—	—	—	—	—	—	—
o-Xylene	95-47-6	mg/kg	—	—	—	—	—	—	—	—	—
sec-Butylbenzene	135-98-8	mg/kg	—	—	—	—	—	—	—	—	—
tert-Butylbenzene	98-06-6	mg/kg	—	—	—	—	—	—	—	—	—
Tetrachloroethene	127-18-4	mg/kg	—	—	—	—	—	—	—	—	—
Toluene	108-88-3	mg/kg	—	—	—	—	—	—	—	—	—
trans-1,2-Dichloroethene	156-60-5	mg/kg	—	—	—	—	—	—	—	—	—
Trichloroethene	79-01-6	mg/kg	—	—	—	—	—	—	—	—	—
Vinyl chloride	75-01-4	mg/kg	—	—	—	—	—	—	—	—	—
Xylenes (total)	1330-20-7	mg/kg	—	—	—	—	—	—	—	—	—

Appendix B2 Table 9
Analytical Data Summary Tables - Phase III Subsurface Soil
Camp Hero Remedial Investigation
Montauk, New York

Notes:

< - Result not detected above the limit of detection.

BaP = benzo(a)pyrene

CALC - Calculated.

CAS - Chemical Abstracts Service.

FD - Field duplicate.

ft - feet.

J - The analyte was positively identified; the associated numerical value is an estimated quantity with an unknown bias

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

HMW - High molecular weight.

LMW - Low molecular weight.

mg/kg - milligram per kilogram.

mV - millivolt.

N - Normal sample.

ORP - Oxidation Reduction Potential.

PAH - Polycyclic Aromatic Hydrocarbon.

PCB - Polychlorinated Biphenyl.

SVOC - Semivolatile organic compound.

TEQ - Toxic Equivalency

U - The analyte was not detected above the limit of detection.

UJ - The analyte was not detected above the reported limit of detection. However, the reported limit of detection is approximate and may or may not represent the actual limit of detection necessary to accurately and precisely measure the analyte in the sample.

VOC - Volatile organic compound.

(a) Chromium III concentrations were calculated by the laboratory by subtracting chromium IV from total chromium, and were reported to two significant figures.

(b) Chromium VI concentrations in these samples were calculated from total chromium concentrations using ratio presented in Appendix C

Appendix B2 Table 10
Analytical Data Summary Tables - Phase II Groundwater
Camp Hero Remedial Investigation
Montauk, New York

			Location ID Sample ID Sample Date Sample Type Code Parent Sample ID	CH-MW001 CH-MW001-01 12/13/2016 N	CH-MW002 CH-MW002-01 12/11/2016 N	CH-MW002 CH-MW002-01DUP 12/11/2016 FD CH-MW002-01	CH-MW003 CH-MW003-01 12/13/2016 N	CH-MW004 CH-MW004-01 12/13/2016 N	CH-MW004 CH-MW004-01DUP 12/13/2016 FD CH-MW004-01	CH-MW005 CH-MW005-01 12/13/2016 N	CH-MW006 CH-MW006-01 12/14/2016 N	CH-MW007 CH-MW007-01 12/14/2016 N	CH-MW009 CH-MW009-01 12/13/2016 N	CH-MW010 CH-MW010-01 12/13/2016 N
Chemical	CAS	Units												
VOCs Continued														
Ethylbenzene	100-41-4	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	98-82-8	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene	108383/106423	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	1634-04-4	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
Methylacetate	79-20-9	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
methylcyclohexane	108-87-2	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	75-09-2	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	95-47-6	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	100-42-5	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	127-18-4	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	108-88-3	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	156-60-5	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	10061-02-6	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
Trichlorofluoromethane	75-69-4	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Acetate	108-05-4	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	75-01-4	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
Xylenes (total)	1330-20-7	ug/L	--	--	--	--	--	--	--	--	--	--	--	--

Appendix B2 Table 10
Analytical Data Summary Tables - Phase II Groundwater
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-MW011 CH-MW011-01 12/14/2016 N	CH-MW012 CH-MW012-01 12/13/2016 N	CH-MW013 CH-MW013-01 12/12/2016 N	CH-MW014 CH-MW014-01 12/12/2016 N	CH-MW015 CH-MW015-01 12/14/2016 N	CH-MW016 CH-MW016-01 12/15/2016 N	CH-MW016 CH-MW016-01FD 12/15/2016 FD CH-MW016-01	CH-MW018 CH-MW018-01 12/15/2016 N	CH-MW019 CH-MW019-01 12/15/2016 N	CH-MW020 CH-MW020-01 12/15/2016 N	CH-MW021 CH-MW021-01 12/14/2016 N
Chemical	CAS	Units											
VOCs Continued													
Ethylbenzene	100-41-4	ug/L	—	—	—	—	—	2	2	< 1 U	< 1 U	< 1 U	< 1 U
Isopropylbenzene	98-82-8	ug/L	—	—	—	—	—	8	8	< 2 U	< 2 U	< 2 U	5 J
m,p-Xylene	108383/106423	ug/L	—	—	—	—	—	< 1 UJ	0.5 J	< 1 U	< 1 U	< 1 U	< 1 U
Methyl tert-butyl ether	1634-04-4	ug/L	—	—	—	—	—	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylacetate	79-20-9	ug/L	—	—	—	—	—	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
methylcyclohexane	108-87-2	ug/L	—	—	—	—	—	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	3 J
Methylene chloride	75-09-2	ug/L	—	—	—	—	—	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
o-Xylene	95-47-6	ug/L	—	—	—	—	—	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Styrene	100-42-5	ug/L	—	—	—	—	—	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Tetrachloroethene	127-18-4	ug/L	—	—	—	—	—	0.6 J	0.6 J	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	108-88-3	ug/L	—	—	—	—	—	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	—	—	—	—	—	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	—	—	—	—	—	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	79-01-6	ug/L	—	—	—	—	—	29	29	< 1 U	< 1 U	< 1 U	2
Trichlorofluoromethane	75-69-4	ug/L	—	—	—	—	—	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl Acetate	108-05-4	ug/L	—	—	—	—	—	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Vinyl chloride	75-01-4	ug/L	—	—	—	—	—	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes (total)	1330-20-7	ug/L	—	—	—	—	—	< 1 UJ	0.5 J	< 1 U	< 1 U	< 1 U	< 1 U

Appendix B2 Table 10
Analytical Data Summary Tables - Phase II Groundwater
Camp Hero Remedial Investigation
Montauk, New York

Notes:

< - Result not detected above the limit of detection.

BaP - Benzo(a)pyrene.

CALC - Calculated.

CAS - Chemical Abstracts Service.

D - dissolved fraction.

DO - dissolved oxygen.

DTW - depth to water.

FD - Field duplicate.

J - The analyte was positively identified; the associated numerical value is an estimated quantity with an unknown bias.

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

mg/l - milligram per liter.

mV - millivolt.

ms/cm - milliSiemens per centimeter.

N - Normal sample.

NTU - Nephelometric Turbidity Unit.

ORP - Oxidation Reduction Potential.

PAH - Polycyclic Aromatic Hydrocarbon.

SC - Specific Conductance.

SVOC - Semivolatile organic compound.

T - total fraction.

ug/l - microgram per liter.

U - The analyte was not detected above the limit of detection.

UJ - The analyte was not detected above the reported limit of detection. However, the reported limit of detection is approximate and may or may not represent the actual limit of detection necessary to accurately and precisely measure the analyte in the sample.

VOC - Volatile organic compound.

(a) Chromium III concentrations were calculated by the laboratory by subtracting chromium IV from total chromium, and were reported to two significant figures.

Appendix B2 Table 11
Analytical Data Summary Tables - Phase III Groundwater
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-MW016	CH-MW016	CH-MW018	CH-MW018	CH-MW018	CH-MW018	CH-MW019	CH-MW019	CH-MW020	CH-MW020	CH-MW021	
	Sample ID	CH-MW016-02	CH-MW016-02F	CH-MW018-02	CH-MW018-02D	CH-MW018-02DF	CH-MW018-02F	CH-MW019-02	CH-MW019-02F	CH-MW020-02	CH-MW020-02F	CH-MW021-02	
	Sample Date	6/27/2017	6/27/2017	6/26/2017	6/26/2017	6/26/2017	6/26/2017	6/28/2017	6/28/2017	6/26/2017	6/26/2017	6/23/2017	
	Sample Type Code	N	N	N	FD	FD	N	N	N	N	N	N	
	Parent Sample ID				CH-MW018-02	CH-MW018-02F							
Chemical	CAS	Units											
Field													
Dissolved Oxygen	DO	mg/L	0.03	—	0.15	—	—	—	6.18	—	0.34	—	3.96
Oxidation Reduction Potential	ORP	mV	-149.1	—	-95.3	—	—	—	256.9	—	60.0	—	51.1
pH	PH	PH	6.60	—	5.72	—	—	—	6.30	—	5.93	—	6.67
Specific Conductance	SC	ms/cm	0.739	—	0.245	—	—	—	0.237	—	0.172	—	0.664
Temperature	TEMP	deg C	13.70	—	17.00	—	—	—	16.00	—	19.01	—	23.11
Turbidity	TURB	NTU	8.3	—	12.4	—	—	—	310.9	—	1.26	—	29.7
General Chemistry, Dissolved													
Total hardness	HARDNESS	ug/L	—	256000	—	—	39900	40800	—	55200	—	38700	—
General Chemistry, Total													
BOD 5	BOD5	ug/L	15300	—	—	—	—	—	—	—	< 2000 U	—	—
Chemical oxygen demand	COD	ug/L	55900	—	—	—	—	—	—	—	< 50000 U	—	—
Sulfide	18496-25-8	ug/L	< 100 U	—	—	—	—	—	—	—	< 100 U	—	—
Total alkalinity	ALKALINITY	ug/L	299000	—	—	—	—	—	—	—	31800	—	—
Total hardness	HARDNESS	ug/L	259000	—	40100	42700	—	—	118000	—	35700	—	303000
Total Organic Carbon	TOC	ug/L	13700	—	—	—	—	—	—	—	1300	—	—
Ions													
CHLORIDE	16887-00-6	ug/L	36800	—	—	—	—	—	—	—	28900 J+	—	—
Nitrate	14797-55-8	ug/L	< 500 U	—	—	—	—	—	—	—	480 J	—	—
Nitrite	14797-65-0	ug/L	< 500 U	—	—	—	—	—	—	—	< 500 U	—	—
Sulphates	14808-79-8	ug/L	4000 J	—	—	—	—	—	—	—	4800 J	—	—
Metals, Dissolved													
Aluminum	7429-90-5	ug/L	—	< 50.0 U	—	—	98.6 J	134 J	—	< 248 U	—	< 50.0 U	—
Antimony	7440-36-0	ug/L	—	< 1.0 U	—	—	< 1.0 U	< 1.0 U	—	1.6 J	—	< 1.0 U	—
Arsenic	7440-38-2	ug/L	—	15.6 J-	—	—	0.81 J	1.1 J	—	< 2.0 U	—	< 2.0 U	—
Barium	7440-39-3	ug/L	—	114 J+	—	—	6.9	6.5	—	31.9	—	14.3	—
Beryllium	7440-41-7	ug/L	—	< 0.25 U	—	—	< 0.25 U	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—
Cadmium	7440-43-9	ug/L	—	< 0.50 U	—	—	< 0.50 U	< 0.50 U	—	< 0.50 U	—	< 0.50 U	—
Calcium (Ca)	7440-70-2	ug/L	—	45400 J	—	—	5240	5550	—	8850	—	13100	—
Chromium	7440-47-3	ug/L	—	< 2.0 U	—	—	1.0 J	1.4 J	—	0.90 J	—	< 2.0 U	—
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	< 2.0 U	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	—	—	—	—	0.3 J	0.4 J	—	0.3 J	—	< 0.6	—
Chromium(VI)	18540-29-9	ug/L	—	< 0.050 U	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	—	4.8	—	—	0.56 J	0.56 J	—	0.71 J	—	0.44 J	—
Copper	7440-50-8	ug/L	—	< 1.0 U	—	—	< 1.0 U	< 1.0 U	—	2.4 J	—	0.63 J	—
Iron (Fe)	7439-89-6	ug/L	—	35200 J-	—	—	14900	14900	—	220	—	< 100 U	—
Lead	7439-92-1	ug/L	—	< 0.25 U	—	—	< 0.25 U	< 0.25 U	—	0.23 J	—	< 0.25 U	—
Magnesium (Mg)	7439-95-4	ug/L	—	34600 J	—	—	6510	6530	—	8030	—	1460	—
Manganese (Mn)	7439-96-5	ug/L	—	4490 J+	—	—	1570	1600	—	257	—	168	—
Mercury	7439-97-6	ug/L	—	< 0.10 UJ	—	—	< 0.10 U	< 0.10 U	—	< 0.10 U	—	< 0.10 U	—
Nickel	7440-02-0	ug/L	—	4.4	—	—	< 2.0 U	< 2.0 U	—	1.8 J	—	< 2.0 U	—
Potassium (K)	7440-09-7	ug/L	—	3870	—	—	1300	1260	—	2660	—	1610	—
Selenium	7782-49-2	ug/L	—	< 1.0 U	—	—	< 1.0 U	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—
Silver	7440-22-4	ug/L	—	< 0.25 U	—	—	< 0.25 U	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—
Sodium (Na)	7440-23-5	ug/L	—	33000 J-	—	—	17800	17700	—	26700	—	14700	—
Thallium	7440-28-0	ug/L	—	< 0.25 U	—	—	< 0.25 U	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—
Vanadium	7440-62-2	ug/L	—	1.1 J	—	—	1.7	1.4	—	2.4	—	0.46 J	—
Zinc	7440-66-6	ug/L	—	< 7.5 U	—	—	< 7.5 U	< 7.5 U	—	35.2	—	< 7.5 U	—

Appendix B2 Table 11
Analytical Data Summary Tables - Phase III Groundwater
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-MW016 CH-MW016-02 6/27/2017 N	CH-MW016 CH-MW016-02F 6/27/2017 N	CH-MW018 CH-MW018-02 6/26/2017 N	CH-MW018 CH-MW018-02D 6/26/2017 FD	CH-MW018 CH-MW018-02DF 6/26/2017 FD	CH-MW018 CH-MW018-02F 6/26/2017 N	CH-MW019 CH-MW019-02 6/28/2017 N	CH-MW019 CH-MW019-02F 6/28/2017 N	CH-MW020 CH-MW020-02 6/26/2017 N	CH-MW020 CH-MW020-02F 6/26/2017 N	CH-MW021 CH-MW021-02 6/23/2017 N
Chemical	CAS	Units											
VOCs Continued													
Isopropylbenzene	98-82-8	ug/L	13	—	< 2 U	< 2 U	—	—	< 2 U	—	< 2 U	—	< 2 U
m,p-Xylene	108383/106423	ug/L	34	—	< 1 U	< 1 U	—	—	< 1 U	—	< 1 U	—	< 1 U
Methyl tert-butyl ether	1634-04-4	ug/L	< 1 U	—	< 1 U	< 1 U	—	—	< 1 U	—	< 1 U	—	< 1 U
Methylacetate	79-20-9	ug/L	< 2 U	—	< 2 U	< 2 U	—	—	< 2 U	—	< 2 U	—	< 2 U
methylcyclohexane	108-87-2	ug/L	8	—	< 2 U	< 2 U	—	—	< 2 U	—	< 2 U	—	< 2 U
Methylene chloride	75-09-2	ug/L	< 4 U	—	< 4 U	< 4 U	—	—	< 4 U	—	< 4 U	—	< 4 U
n-Butylbenzene	104-51-8	ug/L	4 J	—	< 2 U	< 2 U	—	—	< 2 U	—	< 2 U	—	< 2 U
n-Propylbenzene	103-65-1	ug/L	18	—	< 2 U	< 2 U	—	—	< 2 U	—	< 2 U	—	< 2 U
o-Xylene	95-47-6	ug/L	4	—	< 1 U	< 1 U	—	—	< 1 U	—	< 1 U	—	< 1 U
sec-Butylbenzene	135-98-8	ug/L	4 J	—	< 2 U	< 2 U	—	—	< 2 U	—	< 2 U	—	< 2 U
tert-Butylbenzene	98-06-6	ug/L	< 2 U	—	< 2 U	< 2 U	—	—	< 2 U	—	< 2 U	—	< 2 U
Tetrachloroethene	127-18-4	ug/L	< 1 U	—	< 1 U	< 1 U	—	—	< 1 U	—	< 1 U	—	< 1 U
Toluene	108-88-3	ug/L	2	—	< 1 U	< 1 U	—	—	< 1 U	—	< 1 U	—	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	< 1 U	—	< 1 U	< 1 U	—	—	< 1 U	—	< 1 U	—	< 1 U
Trichloroethene	79-01-6	ug/L	< 1 U	—	< 1 U	< 1 U	—	—	< 1 U	—	< 1 U	—	< 1 U
Vinyl chloride	75-01-4	ug/L	< 1 U	—	< 1 U	< 1 U	—	—	< 1 U	—	< 1 U	—	< 1 U
Xylenes (total)	1330-20-7	ug/L	38	—	< 1 U	< 1 U	—	—	< 1 U	—	< 1 U	—	< 1 U

Appendix B2 Table 11
Analytical Data Summary Tables - Phase III Groundwater
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-MW021 CH-MW021-02F 6/23/2017 N	CH-MW022 CH-MW022-02 6/26/2017 N	CH-MW022 CH-MW022-02D 6/26/2017 FD	CH-MW022 CH-MW022-02DF 6/26/2017 FD	CH-MW022 CH-MW022-02F 6/26/2017 N	CH-MW023 CH-MW023-02 6/26/2017 N	CH-MW023 CH-MW023-02F 6/26/2017 N	CH-MW024 CH-MW024-02 6/26/2017 N	CH-MW024 CH-MW024-02F 6/26/2017 N	CH-MW025 CH-MW025-02 6/22/2017 N	CH-MW025 CH-MW025-02F 6/22/2017 N
Chemical	CAS	Units											
Field													
Dissolved Oxygen	DO	mg/L	—	4.65	—	—	—	2.67	—	0.84	—	0.73	—
Oxidation Reduction Potential	ORP	mV	—	48.5	—	—	—	360.0	—	-44.2	—	210.0	—
pH	PH	PH	—	5.87	—	—	—	6.06	—	6.54	—	6.06	—
Specific Conductance	SC	ms/cm	—	0.243	—	—	—	0.226	—	0.425	—	0.225	—
Temperature	TEMP	deg C	—	14.92	—	—	—	16.55	—	16.09	—	14.83	—
Turbidity	TURB	NTU	—	16.7	—	—	—	3.7	—	1.4	—	11.2	—
General Chemistry, Dissolved													
Total hardness	HARDNESS	ug/L	304000	—	—	33500	33100	—	66800	—	109000	—	84400
General Chemistry, Total													
BOD 5	BOD5	ug/L	—	—	—	—	—	—	—	5440	—	—	—
Chemical oxygen demand	COD	ug/L	—	—	—	—	—	—	—	35000 J	—	—	—
Sulfide	18496-25-8	ug/L	—	—	—	—	—	—	—	40 J	—	—	—
Total alkalinity	ALKALINITY	ug/L	—	—	—	—	—	—	—	122000	—	—	—
Total hardness	HARDNESS	ug/L	—	38500	40700	—	—	62900	—	110000	—	87500	—
Total Organic Carbon	TOC	ug/L	—	—	—	—	—	—	—	7600	—	—	—
Ions													
CHLORIDE	16887-00-6	ug/L	—	—	—	—	—	—	—	20100	—	—	—
Nitrate	14797-55-8	ug/L	—	—	—	—	—	—	—	< 500 U	—	—	—
Nitrite	14797-65-0	ug/L	—	—	—	—	—	—	—	< 500 U	—	—	—
Sulphates	14808-79-8	ug/L	—	—	—	—	—	—	—	5500	—	—	—
Metals, Dissolved													
Aluminum	7429-90-5	ug/L	791	—	—	31.4 J	45.7 J	—	< 50.0 U	—	< 50.0 U	—	679
Antimony	7440-36-0	ug/L	< 1.0 U	—	—	< 1.0 U	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U
Arsenic	7440-38-2	ug/L	1.2 J	—	—	< 2.0 U	< 2.0 U	—	< 2.0 U	—	7.7	—	< 2.0 U
Barium	7440-39-3	ug/L	42.2	—	—	21.8	22.5	—	28.0	—	24.8	—	50.1
Beryllium	7440-41-7	ug/L	< 0.25 U	—	—	< 0.25 U	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U
Cadmium	7440-43-9	ug/L	< 0.50 U	—	—	< 0.50 U	< 0.50 U	—	< 0.50 U	—	< 0.50 U	—	0.18 J
Calcium (Ca)	7440-70-2	ug/L	102000	—	—	4630	4540	—	10800	—	25800	—	14100
Chromium	7440-47-3	ug/L	1.9 J	—	—	< 2.0 U	< 2.0 U	—	< 2.0 U	—	< 2.0 U	—	1.7 J
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	0.6 J	—	—	< 0.6	< 0.6	—	< 0.6	—	< 0.6	—	0.5 J
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	1.6	—	—	0.87 J	0.87 J	—	2.0	—	0.26 J	—	3.6
Copper	7440-50-8	ug/L	1.8 J	—	—	< 1.0 UJ	0.54 J	—	0.94 J	—	< 1.0 U	—	0.99 J
Iron (Fe)	7439-89-6	ug/L	1010	—	—	< 100 UJ	51.9 J	—	< 100 U	—	43100	—	905
Lead	7439-92-1	ug/L	0.31 J	—	—	< 0.25 U	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	0.31 J
Magnesium (Mg)	7439-95-4	ug/L	12300	—	—	5320	5280	—	9700	—	10800	—	11900
Manganese (Mn)	7439-96-5	ug/L	2430	—	—	110	119	—	328	—	1370	—	2560
Mercury	7439-97-6	ug/L	< 0.10 U	—	—	< 0.10 U	< 0.10 U	—	< 0.10 U	—	< 0.10 U	—	< 0.10 U
Nickel	7440-02-0	ug/L	1.8 J	—	—	1.0 J	< 2.0 UJ	—	2.8 J	—	< 2.0 U	—	8.6
Potassium (K)	7440-09-7	ug/L	2730	—	—	1510	1540	—	1480	—	2780	—	1810
Selenium	7782-49-2	ug/L	< 1.0 U	—	—	< 1.0 U	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U
Silver	7440-22-4	ug/L	< 0.25 U	—	—	< 0.25 U	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	16500	—	—	25400	24900	—	20300	—	15200	—	16800
Thallium	7440-28-0	ug/L	< 0.25 U	—	—	< 0.25 U	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U
Vanadium	7440-62-2	ug/L	2.8	—	—	0.70 J	0.39 J	—	0.38 J	—	0.79 J	—	1.8
Zinc	7440-66-6	ug/L	60.9	—	—	< 7.5 U	< 7.5 U	—	< 7.5 U	—	< 7.5 U	—	< 7.5 U

Appendix B2 Table 11
 Analytical Data Summary Tables - Phase III Groundwater
 Camp Hero Remedial Investigation
 Montauk, New York

Chemical	CAS	Units	Location ID	CH-MW021	CH-MW022	CH-MW022	CH-MW022	CH-MW022	CH-MW023	CH-MW023	CH-MW024	CH-MW024	CH-MW025	CH-MW025
			Sample ID	CH-MW021-02F	CH-MW022-02	CH-MW022-02D	CH-MW022-02DF	CH-MW022-02F	CH-MW023-02	CH-MW023-02F	CH-MW024-02	CH-MW024-02F	CH-MW025-02	CH-MW025-02F
Sample Date	Parent Sample ID		6/23/2017	6/26/2017	6/26/2017	6/26/2017	6/26/2017	6/26/2017	6/26/2017	6/26/2017	6/26/2017	6/26/2017	6/22/2017	6/22/2017
Sample Type Code			N	N	FD	FD	N	N	N	N	N	N	N	N
Aluminum	7429-90-5	ug/L	--	2130	1810	--	--	113 J	--	< 200 U	--	3210	--	
Antimony	7440-36-0	ug/L	--	< 1.0 U	< 1.0 U	--	--	< 1.0 U	--	< 1.0 U	--	< 1.0 U	--	
Arsenic	7440-38-2	ug/L	--	< 2.0 U	< 2.0 U	--	--	< 2.0 U	--	8.3	--	< 2.0 U	--	
Barium	7440-39-3	ug/L	--	39.3	33.0	--	--	28.9	--	22.1	--	61.7	--	
Beryllium	7440-41-7	ug/L	--	0.076 J	0.096 J	--	--	< 0.25 U	--	< 0.25 U	--	0.14 J	--	
Cadmium	7440-43-9	ug/L	--	< 0.50 U	< 0.50 U	--	--	< 0.50 U	--	< 0.50 U	--	0.19 J	--	
Calcium (Ca)	7440-70-2	ug/L	--	5030	5860	--	--	9960	--	25300	--	14000	--	
Chromium	7440-47-3	ug/L	--	3.2 J	2.9 J	--	--	< 2.0 U	--	< 2.0 U	--	6.5	--	
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	--	--	--	--	--	--	--	--	--	--	--	
Chromium(VI) (b)	18540-29-9	ug/L	--	1 J	0.9 J	--	--	< 0.6	--	< 0.6	--	2	--	
Chromium(VI)	18540-29-9	ug/L	--	--	--	--	--	--	--	--	--	--	--	
Cobalt	7440-48-4	ug/L	--	2.1	1.9	--	--	2.4	--	0.42 J	--	4.3	--	
Copper	7440-50-8	ug/L	--	2.1 J	2.1 J	--	--	0.63 J	--	< 1.0 U	--	3.4 J	--	
Iron (Fe)	7439-89-6	ug/L	--	1940	1750	--	--	119 J	--	42600	--	3830	--	
Lead	7439-92-1	ug/L	--	0.83 J	0.72 J	--	--	< 0.25 U	--	< 0.25 U	--	1.3 J	--	
Magnesium (Mg)	7439-95-4	ug/L	--	6310	6330	--	--	9240	--	11300	--	12700	--	
Manganese (Mn)	7439-96-5	ug/L	--	173	168	--	--	310	--	1360	--	2570	--	
Mercury	7439-97-6	ug/L	--	< 0.10 U	< 0.10 U	--	--	< 0.10 U	--	< 0.10 U	--	< 0.10 U	--	
Nickel	7440-02-0	ug/L	--	3.2 J	2.2 J	--	--	2.6 J	--	< 2.0 U	--	12.0	--	
Potassium (K)	7440-09-7	ug/L	--	2250	2240	--	--	1470	--	2700	--	2610	--	
Selenium	7782-49-2	ug/L	--	< 1.0 U	< 1.0 U	--	--	< 1.0 U	--	< 1.0 U	--	< 1.0 U	--	
Silver	7440-22-4	ug/L	--	< 0.25 U	< 0.25 U	--	--	< 0.25 U	--	< 0.25 U	--	< 0.25 U	--	
Sodium (Na)	7440-23-5	ug/L	--	27400	27400	--	--	19500	--	15800	--	16900	--	
Thallium	7440-28-0	ug/L	--	< 0.25 U	< 0.25 U	--	--	< 0.25 U	--	< 0.25 U	--	< 0.25 U	--	
Vanadium	7440-62-2	ug/L	--	4.3 J	3.1 J	--	--	0.68 J	--	0.73 J	--	8.0	--	
Zinc	7440-66-6	ug/L	--	10 J	4.9 J	--	--	< 7.5 U	--	< 7.5 U	--	10.0 J	--	
MNA														
Ethane	74-84-0	ug/L	--	--	--	--	--	--	--	< 2.0 U	--	--	--	
Ethene	74-85-1	ug/L	--	--	--	--	--	--	--	< 2.0 U	--	--	--	
Methane	74-82-8	ug/L	--	--	--	--	--	--	--	3400	--	--	--	
PCBs, Dissolved														
Aroclor 1016	12674-11-2	ug/L	--	--	--	--	--	--	--	--	--	--	--	
Aroclor 1221	11104-28-2	ug/L	--	--	--	--	--	--	--	--	--	--	--	
Aroclor 1232	11141-16-5	ug/L	--	--	--	--	--	--	--	--	--	--	--	
Aroclor 1242	53469-21-9	ug/L	--	--	--	--	--	--	--	--	--	--	--	
Aroclor 1248	12672-29-6	ug/L	--	--	--	--	--	--	--	--	--	--	--	
Aroclor 1254	11097-69-1	ug/L	--	--	--	--	--	--	--	--	--	--	--	
Aroclor 1260	11096-82-5	ug/L	--	--	--	--	--	--	--	--	--	--	--	
Aroclor 1262	37324-23-5	ug/L	--	--	--	--	--	--	--	--	--	--	--	
Aroclor 1268	11100-14-4	ug/L	--	--	--	--	--	--	--	--	--	--	--	
Total PCBs Calculated	CALC-PCB	ug/L	--	--	--	--	--	--	--	--	--	--	--	
PCBs, Total														
Aroclor 1016	12674-11-2	ug/L	--	--	--	--	--	--	--	--	--	--	--	
Aroclor 1221	11104-28-2	ug/L	--	--	--	--	--	--	--	--	--	--	--	
Aroclor 1232	11141-16-5	ug/L	--	--	--	--	--	--	--	--	--	--	--	
Aroclor 1242	53469-21-9	ug/L	--	--	--	--	--	--	--	--	--	--	--	
Aroclor 1248	12672-29-6	ug/L	--	--	--	--	--	--	--	--	--	--	--	
Aroclor 1254	11097-69-1	ug/L	--	--	--	--	--	--	--	--	--	--	--	
Aroclor 1260	11096-82-5	ug/L	--	--	--	--	--	--	--	--	--	--	--	
Aroclor 1262	37324-23-5	ug/L	--	--	--	--	--	--	--	--	--	--	--	
Aroclor 1268	11100-14-4	ug/L	--	--	--	--	--	--	--	--	--	--	--	
Total PCBs Calculated	CALC-PCB	ug/L	--	--	--	--	--	--	--	--	--	--	--	

Appendix B2 Table 11
Analytical Data Summary Tables - Phase III Groundwater
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-MW021 CH-MW021-02F 6/23/2017 N	CH-MW022 CH-MW022-02 6/26/2017 N	CH-MW022 CH-MW022-02D 6/26/2017 FD	CH-MW022 CH-MW022-02DF 6/26/2017 FD	CH-MW022 CH-MW022-02F 6/26/2017 N	CH-MW023 CH-MW023-02 6/26/2017 N	CH-MW023 CH-MW023-02F 6/26/2017 N	CH-MW024 CH-MW024-02 6/26/2017 N	CH-MW024 CH-MW024-02F 6/26/2017 N	CH-MW025 CH-MW025-02 6/22/2017 N	CH-MW025 CH-MW025-02F 6/22/2017 N
Chemical	CAS	Units											
VOCs Continued													
Isopropylbenzene	98-82-8	ug/L	—	< 2 U	< 2 U	—	—	< 2 U	—	2 J	—	< 2 U	—
m,p-Xylene	108383/106423	ug/L	—	< 1 U	< 1 U	—	—	< 1 U	—	1 J	—	< 1 U	—
Methyl tert-butyl ether	1634-04-4	ug/L	—	< 1 U	< 1 U	—	—	< 1 U	—	< 1 U	—	< 1 U	—
Methylacetate	79-20-9	ug/L	—	< 2 U	< 2 U	—	—	< 2 U	—	< 2 U	—	< 2 U	—
methylcyclohexane	108-87-2	ug/L	—	< 2 U	< 2 U	—	—	< 2 U	—	< 2 U	—	< 2 U	—
Methylene chloride	75-09-2	ug/L	—	< 4 U	< 4 U	—	—	< 4 U	—	< 4 U	—	< 4 U	—
n-Butylbenzene	104-51-8	ug/L	—	< 2 U	< 2 U	—	—	< 2 U	—	1 J	—	< 2 U	—
n-Propylbenzene	103-65-1	ug/L	—	< 2 U	< 2 U	—	—	< 2 U	—	2 J	—	< 2 U	—
o-Xylene	95-47-6	ug/L	—	< 1 U	< 1 U	—	—	< 1 U	—	< 1 U	—	< 1 U	—
sec-Butylbenzene	135-98-8	ug/L	—	< 2 U	< 2 U	—	—	< 2 U	—	2 J	—	< 2 U	—
tert-Butylbenzene	98-06-6	ug/L	—	< 2 U	< 2 U	—	—	< 2 U	—	< 2 U	—	< 2 U	—
Tetrachloroethene	127-18-4	ug/L	—	< 1 U	< 1 U	—	—	< 1 U	—	< 1 U	—	< 1 U	—
Toluene	108-88-3	ug/L	—	< 1 U	< 1 U	—	—	< 1 U	—	< 1 U	—	< 1 U	—
trans-1,2-Dichloroethene	156-60-5	ug/L	—	< 1 U	< 1 U	—	—	< 1 U	—	< 1 U	—	< 1 U	—
Trichloroethene	79-01-6	ug/L	—	< 1 U	< 1 U	—	—	< 1 U	—	< 1 U	—	< 1 U	—
Vinyl chloride	75-01-4	ug/L	—	< 1 U	< 1 U	—	—	< 1 U	—	< 1 U	—	< 1 U	—
Xylenes (total)	1330-20-7	ug/L	—	< 1 U	< 1 U	—	—	< 1 U	—	1 J	—	< 1 U	—

Appendix B2 Table 11
Analytical Data Summary Tables - Phase III Groundwater
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-MW026	CH-MW026	CH-MW027	CH-MW027	CH-MW028	CH-MW028	CH-MW029	CH-MW029	CH-MW030	CH-MW030	CH-MW031	
	Sample ID	CH-MW026-02	CH-MW026-02F	CH-MW027-02	CH-MW027-02F	CH-MW028-02	CH-MW028-02F	CH-MW029-02	CH-MW029-02F	CH-MW030-02	CH-MW030-02F	CH-MW031-02	
	Sample Date	6/22/2017	6/22/2017	6/22/2017	6/22/2017	6/22/2017	6/22/2017	6/22/2017	6/22/2017	6/26/2017	6/26/2017	6/23/2017	
	Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	
	Parent Sample ID												
Chemical	CAS	Units											
Field													
Dissolved Oxygen	DO	mg/L	1.02	--	1.77	--	2.06	--	6.37	--	0.28	--	7.90
Oxidation Reduction Potential	ORP	mV	113.6	--	51.6	--	16.7	--	106.0	--	-107.4	--	108.2
pH	PH	PH	5.82	--	6.22	--	6.33	--	5.42	--	6.63	--	5.68
Specific Conductance	SC	ms/cm	0.152	--	0.384	--	0.366	--	0.302	--	0.330	--	0.225
Temperature	TEMP	deg C	23.87	--	17.17	--	24.01	--	15.56	--	18.21	--	18.15
Turbidity	TURB	NTU	3.8	--	8.77	--	15.9	--	-3.5	--	75.2	--	274.1
General Chemistry, Dissolved													
Total hardness	HARDNESS	ug/L	--	42200	--	114000	--	64100	--	62000	--	104000	--
General Chemistry, Total													
BOD 5	BOD5	ug/L	< 2000 U	--	--	--	--	--	--	--	--	--	--
Chemical oxygen demand	COD	ug/L	21000 J	--	--	--	--	--	--	--	--	--	--
Sulfide	18496-25-8	ug/L	< 100 U	--	--	--	--	--	--	--	--	--	--
Total alkalinity	ALKALINITY	ug/L	50300	--	--	--	--	--	--	--	--	--	--
Total hardness	HARDNESS	ug/L	41800	--	117000	--	59100	--	66500	--	112000	--	48300
Total Organic Carbon	TOC	ug/L	2900	--	--	--	--	--	--	--	--	--	--
Ions													
CHLORIDE	16887-00-6	ug/L	11200	--	--	--	--	--	--	--	--	--	--
Nitrate	14797-55-8	ug/L	R	--	--	--	--	--	--	--	--	--	--
Nitrite	14797-65-0	ug/L	R	--	--	--	--	--	--	--	--	--	--
Sulphates	14808-79-8	ug/L	9400	--	--	--	--	--	--	--	--	--	--
Metals, Dissolved													
Aluminum	7429-90-5	ug/L	--	25.5 J	--	< 50.0 U	--	48.7 J	--	< 50.0 U	--	64.9 J	--
Antimony	7440-36-0	ug/L	--	< 1.0 U	--	< 1.0 U	--	< 1.0 U	--	< 1.0 U	--	< 1.0 U	--
Arsenic	7440-38-2	ug/L	--	< 2.0 U	--	< 2.0 U	--	< 2.0 U	--	< 2.0 U	--	1.3 J	--
Barium	7440-39-3	ug/L	--	16.4	--	79.3	--	29.5	--	25.9	--	53.6	--
Beryllium	7440-41-7	ug/L	--	< 0.25 U	--	< 0.25 U	--	< 0.25 U	--	< 0.25 U	--	< 0.25 U	--
Cadmium	7440-43-9	ug/L	--	< 0.50 U	--	< 0.50 U	--	< 0.50 U	--	< 0.50 U	--	< 0.50 U	--
Calcium (Ca)	7440-70-2	ug/L	--	6700	--	23000	--	12300	--	8850	--	33100	--
Chromium	7440-47-3	ug/L	--	< 2.0 U	--	< 2.0 U	--	< 2.0 U	--	< 2.0 U	--	1.0 J	--
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	--	--	--	--	--	--	--	--	--	--	--
Chromium(VI) (b)	18540-29-9	ug/L	--	< 0.6	--	< 0.6	--	< 0.6	--	< 0.6	--	0.3 J	--
Chromium(VI)	18540-29-9	ug/L	--	--	--	--	--	--	--	--	--	--	--
Cobalt	7440-48-4	ug/L	--	3.9	--	4.4	--	4.6	--	0.80 J	--	0.54 J	--
Copper	7440-50-8	ug/L	--	< 1.0 U	--	1.0 J	--	< 1.0 U	--	0.57 J	--	< 1.0 U	--
Iron (Fe)	7439-89-6	ug/L	--	1850	--	76.0 J	--	194 J	--	89.1 J	--	12100	--
Lead	7439-92-1	ug/L	--	< 0.25 U	--	< 0.25 U	--	< 0.25 U	--	< 0.25 U	--	0.13 J	--
Magnesium (Mg)	7439-95-4	ug/L	--	6170	--	13600	--	8130	--	9690	--	5150	--
Manganese (Mn)	7439-96-5	ug/L	--	2150	--	1430	--	571	--	103	--	359	--
Mercury	7439-97-6	ug/L	--	< 0.10 U	--	< 0.10 U	--	< 0.10 U	--	< 0.10 U	--	< 0.10 U	--
Nickel	7440-02-0	ug/L	--	2.9 J	--	4.4	--	3.4 J	--	< 2.0 U	--	< 2.0 U	--
Potassium (K)	7440-09-7	ug/L	--	1570	--	4020	--	2780	--	1170	--	3130	--
Selenium	7782-49-2	ug/L	--	< 1.0 U	--	< 1.0 U	--	< 1.0 U	--	< 1.0 U	--	< 1.0 U	--
Silver	7440-22-4	ug/L	--	< 0.25 U	--	< 0.25 U	--	< 0.25 U	--	< 0.25 U	--	< 0.25 U	--
Sodium (Na)	7440-23-5	ug/L	--	11900	--	30200	--	44100	--	27900	--	16400	--
Thallium	7440-28-0	ug/L	--	< 0.25 U	--	< 0.25 U	--	< 0.25 U	--	< 0.25 U	--	< 0.25 U	--
Vanadium	7440-62-2	ug/L	--	0.91 J	--	0.36 J	--	0.59 J	--	0.23 J	--	1.7	--
Zinc	7440-66-6	ug/L	--	< 7.5 U	--	< 7.5 U	--	< 7.5 U	--	< 7.5 U	--	< 7.5 U	--

Appendix B2 Table 11
Analytical Data Summary Tables - Phase III Groundwater
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-MW026	CH-MW026	CH-MW027	CH-MW027	CH-MW028	CH-MW028	CH-MW029	CH-MW029	CH-MW030	CH-MW030	CH-MW031	
	Sample ID	CH-MW026-02	CH-MW026-02F	CH-MW027-02	CH-MW027-02F	CH-MW028-02	CH-MW028-02F	CH-MW029-02	CH-MW029-02F	CH-MW030-02	CH-MW030-02F	CH-MW031-02	
	Sample Date	6/22/2017	6/22/2017	6/22/2017	6/22/2017	6/22/2017	6/22/2017	6/22/2017	6/22/2017	6/26/2017	6/26/2017	6/23/2017	
	Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	
	Parent Sample ID												
Chemical	CAS	Units											
Metals, Total													
Aluminum	7429-90-5	ug/L	344	—	95.2 J	—	1320	—	47.0 J	—	3180	—	33400
Antimony	7440-36-0	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U
Arsenic	7440-38-2	ug/L	< 2.0 U	—	< 2.0 U	—	< 2.0 U	—	< 2.0 U	—	1.9 J	—	2.7 J
Barium	7440-39-3	ug/L	18.3	—	79.0	—	31.2	—	28.3	—	78.2	—	327
Beryllium	7440-41-7	ug/L	< 0.25 U	—	< 0.25 U	—	0.074 J	—	0.075 J	—	0.12 J	—	1.3
Cadmium	7440-43-9	ug/L	< 0.50 U	—	< 0.50 U	—	< 0.50 U	—	< 0.50 U	—	< 0.50 U	—	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	6710	—	24100	—	10900	—	9480	—	35100	—	5890
Chromium	7440-47-3	ug/L	1.0 J	—	< 2.0 U	—	2.3 J	—	< 2.0 U	—	6.6	—	48.7
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	0.3 J	—	< 0.6	—	0.7 J	—	< 0.6	—	2	—	10
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	3.7	—	4.4	—	4.5	—	0.80 J	—	1.5	—	6.7
Copper	7440-50-8	ug/L	< 1.0 U	—	0.57 J	—	1.6 J	—	< 1.0 U	—	4.3	—	28.6
Iron (Fe)	7439-89-6	ug/L	2200	—	212	—	1320	—	135 J	—	14900	—	13400
Lead	7439-92-1	ug/L	0.21 J	—	< 0.25 U	—	0.73 J	—	< 0.25 U	—	2.4	—	24.5
Magnesium (Mg)	7439-95-4	ug/L	6070	—	13900	—	7730	—	10400	—	5890	—	8170
Manganese (Mn)	7439-96-5	ug/L	2160	—	1420	—	552	—	115	—	381	—	217
Mercury	7439-97-6	ug/L	< 0.10 U	—	< 0.10 U	—	< 0.10 U	—	< 0.10 U	—	< 0.10 U	—	< 0.10 U
Nickel	7440-02-0	ug/L	2.4 J	—	4.8	—	3.8 J	—	< 2.0 U	—	3.0 J	—	21.6
Potassium (K)	7440-09-7	ug/L	1490	—	4130	—	2940	—	1210	—	4000	—	6960
Selenium	7782-49-2	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	1.0 J
Silver	7440-22-4	ug/L	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	11000	—	30500	—	51200	—	29700	—	17000	—	30300
Thallium	7440-28-0	ug/L	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	0.40 J
Vanadium	7440-62-2	ug/L	0.90 J	—	0.87 J	—	2.7	—	0.44 J	—	9.1	—	63.9
Zinc	7440-66-6	ug/L	< 7.5 U	—	< 7.5 U	—	5.4 J	—	< 7.5 U	—	50.9	—	89.9
MNA													
Ethane	74-84-0	ug/L	< 2.0 U	—	—	—	—	—	—	—	—	—	—
Ethene	74-85-1	ug/L	< 2.0 U	—	—	—	—	—	—	—	—	—	—
Methane	74-82-8	ug/L	< 6.0 U	—	—	—	—	—	—	—	—	—	—
PCBs, Dissolved													
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	—	—	—	—
PCBs, Total													
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 11
Analytical Data Summary Tables - Phase III Groundwater
Camp Hero Remedial Investigation
Montauk, New York

			Location ID	CH-MW026	CH-MW026	CH-MW027	CH-MW027	CH-MW028	CH-MW028	CH-MW029	CH-MW029	CH-MW030	CH-MW030	CH-MW031
			Sample ID	CH-MW026-02	CH-MW026-02F	CH-MW027-02	CH-MW027-02F	CH-MW028-02	CH-MW028-02F	CH-MW029-02	CH-MW029-02F	CH-MW030-02	CH-MW030-02F	CH-MW031-02
			Sample Date	6/22/2017	6/22/2017	6/22/2017	6/22/2017	6/22/2017	6/22/2017	6/22/2017	6/22/2017	6/26/2017	6/26/2017	6/23/2017
			Sample Type Code	N	N	N	N	N	N	N	N	N	N	N
			Parent Sample ID											
Chemical	CAS	Units												
VOCs Continued														
Isopropylbenzene	98-82-8	ug/L	< 2 U	—	< 2 U	—	< 2 U	—	—	—	—	< 2 U	—	—
m,p-Xylene	108383/106423	ug/L	< 1 U	—	< 1 U	—	< 1 U	—	—	—	—	< 1 U	—	—
Methyl tert-butyl ether	1634-04-4	ug/L	< 1 U	—	< 1 U	—	< 1 U	—	—	—	—	< 1 U	—	—
Methylacetate	79-20-9	ug/L	< 2 U	—	< 2 U	—	< 2 U	—	—	—	—	< 2 U	—	—
methylcyclohexane	108-87-2	ug/L	< 2 U	—	< 2 U	—	< 2 U	—	—	—	—	< 2 U	—	—
Methylene chloride	75-09-2	ug/L	< 4 U	—	< 4 U	—	< 4 U	—	—	—	—	< 4 U	—	—
n-Butylbenzene	104-51-8	ug/L	< 2 U	—	< 2 U	—	< 2 U	—	—	—	—	< 2 U	—	—
n-Propylbenzene	103-65-1	ug/L	< 2 U	—	< 2 U	—	< 2 U	—	—	—	—	< 2 U	—	—
o-Xylene	95-47-6	ug/L	< 1 U	—	< 1 U	—	< 1 U	—	—	—	—	< 1 U	—	—
sec-Butylbenzene	135-98-8	ug/L	< 2 U	—	< 2 U	—	< 2 U	—	—	—	—	< 2 U	—	—
tert-Butylbenzene	98-06-6	ug/L	< 2 U	—	< 2 U	—	< 2 U	—	—	—	—	< 2 U	—	—
Tetrachloroethene	127-18-4	ug/L	< 1 U	—	< 1 U	—	< 1 U	—	—	—	—	< 1 U	—	—
Toluene	108-88-3	ug/L	< 1 U	—	< 1 U	—	< 1 U	—	—	—	—	< 1 U	—	—
trans-1,2-Dichloroethene	156-60-5	ug/L	< 1 U	—	< 1 U	—	< 1 U	—	—	—	—	< 1 U	—	—
Trichloroethene	79-01-6	ug/L	< 1 U	—	< 1 U	—	0.5 J	—	—	—	—	< 1 U	—	—
Vinyl chloride	75-01-4	ug/L	< 1 U	—	< 1 U	—	< 1 U	—	—	—	—	< 1 U	—	—
Xylenes (total)	1330-20-7	ug/L	< 1 U	—	< 1 U	—	< 1 U	—	—	—	—	< 1 U	—	—

Appendix B2 Table 11
Analytical Data Summary Tables - Phase III Groundwater
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-MW031 CH-MW031-02F 6/23/2017 N	CH-MW032 CH-MW032-02 6/23/2017 N	CH-MW032 CH-MW032-02F 6/23/2017 N	CH-MW033 CH-MW033-02 6/23/2017 N	CH-MW033 CH-MW033-02F 6/23/2017 N	CH-MW034 CH-MW034-02 6/23/2017 N	CH-MW034 CH-MW034-02F 6/23/2017 N	CH-MW035 CH-MW035-02 6/23/2017 N	CH-MW035 CH-MW035-02F 6/23/2017 N	CH-MW036 CH-MW036-02 6/21/2017 N	CH-MW036 CH-MW036-02F 6/21/2017 N
Chemical	CAS	Units											
VOCs Continued													
Isopropylbenzene	98-82-8	ug/L	—	< 2 U	—	—	—	—	—	—	—	—	—
m,p-Xylene	108383/106423	ug/L	—	< 1 U	—	—	—	—	—	—	—	—	—
Methyl tert-butyl ether	1634-04-4	ug/L	—	< 1 U	—	—	—	—	—	—	—	—	—
Methylacetate	79-20-9	ug/L	—	< 2 U	—	—	—	—	—	—	—	—	—
methylcyclohexane	108-87-2	ug/L	—	< 2 U	—	—	—	—	—	—	—	—	—
Methylene chloride	75-09-2	ug/L	—	< 4 U	—	—	—	—	—	—	—	—	—
n-Butylbenzene	104-51-8	ug/L	—	< 2 U	—	—	—	—	—	—	—	—	—
n-Propylbenzene	103-65-1	ug/L	—	< 2 U	—	—	—	—	—	—	—	—	—
o-Xylene	95-47-6	ug/L	—	< 1 U	—	—	—	—	—	—	—	—	—
sec-Butylbenzene	135-98-8	ug/L	—	< 2 U	—	—	—	—	—	—	—	—	—
tert-Butylbenzene	98-06-6	ug/L	—	< 2 U	—	—	—	—	—	—	—	—	—
Tetrachloroethene	127-18-4	ug/L	—	2	—	—	—	—	—	—	—	—	—
Toluene	108-88-3	ug/L	—	< 1 U	—	—	—	—	—	—	—	—	—
trans-1,2-Dichloroethene	156-60-5	ug/L	—	< 1 U	—	—	—	—	—	—	—	—	—
Trichloroethene	79-01-6	ug/L	—	0.6 J	—	—	—	—	—	—	—	—	—
Vinyl chloride	75-01-4	ug/L	—	< 1 U	—	—	—	—	—	—	—	—	—
Xylenes (total)	1330-20-7	ug/L	—	< 1 U	—	—	—	—	—	—	—	—	—

Appendix B2 Table 11
Analytical Data Summary Tables - Phase III Groundwater
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-MW037	CH-MW037	CH-MW037	CH-MW037	CH-MW038	CH-MW038	CH-MW039	CH-MW039	CH-MW040	CH-MW040	CH-MW040	
	Sample ID	CH-MW037-02	CH-MW037-02D	CH-MW037-02DF	CH-MW037-02F	CH-MW038-02	CH-MW038-02F	CH-MW039-02	CH-MW039-02F	CH-MW040-02	CH-MW040-02D	CH-MW040-02DF	
	Sample Date	6/22/2017	6/22/2017	6/22/2017	6/22/2017	6/21/2017	6/21/2017	6/21/2017	6/21/2017	6/21/2017	6/21/2017	6/21/2017	
	Sample Type Code	N	FD	FD	N	N	N	N	N	N	FD	FD	
	Parent Sample ID		CH-MW037-02	CH-MW037-02F							CH-MW040-02	CH-MW040-02F	
Chemical	CAS	Units											
Metals, Total													
Aluminum	7429-90-5	ug/L	121 J	101 J	—	—	32.9 J	—	501	—	135 J	141 J	—
Antimony	7440-36-0	ug/L	< 1.0 U	< 1.0 U	—	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U	—
Arsenic	7440-38-2	ug/L	< 2.0 U	< 2.0 U	—	—	< 2.0 U	—	< 2.0 U	—	< 2.0 U	< 2.0 U	—
Barium	7440-39-3	ug/L	22.2	21.9	—	—	6.2	—	21.9	—	16.9	18.7	—
Beryllium	7440-41-7	ug/L	< 0.25 U	< 0.25 U	—	—	< 0.25 U	—	0.18 J	—	< 0.25 U	< 0.25 U	—
Cadmium	7440-43-9	ug/L	< 0.50 U	< 0.50 U	—	—	< 0.50 U	—	< 0.50 U	—	0.17 J	< 0.50 UJ	—
Calcium (Ca)	7440-70-2	ug/L	19600	19800	—	—	6740	—	3410	—	23900	21600	—
Chromium	7440-47-3	ug/L	1.5 J	1.0 J	—	—	< 2.0 U	—	< 2.0 U	—	< 2.0 U	< 2.0 U	—
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	1.5 J	1.0 J	—	—	< 2.0 U	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	—	—	—	—	—	—	< 0.6	—	< 0.6	< 0.6	—
Chromium(VI)	18540-29-9	ug/L	< 0.050 U	< 0.050 U	—	—	< 0.050 U	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	< 0.50 U	< 0.50 U	—	—	1.8	—	0.57 J	—	0.48 J	0.58 J	—
Copper	7440-50-8	ug/L	< 1.0 U	< 1.0 U	—	—	< 1.0 U	—	< 1.0 U	—	2.0 J	1.9 J	—
Iron (Fe)	7439-89-6	ug/L	9770	10300	—	—	39.9 J	—	402	—	162 J	146 J	—
Lead	7439-92-1	ug/L	< 0.25 UJ	0.13 J	—	—	< 0.25 U	—	0.40 J	—	< 0.25 U	< 0.25 U	—
Magnesium (Mg)	7439-95-4	ug/L	5710	5800	—	—	4330	—	2450	—	2700	2690	—
Manganese (Mn)	7439-96-5	ug/L	480	480	—	—	475	—	24.4	—	58.7	59.3	—
Mercury	7439-97-6	ug/L	< 0.10 U	< 0.10 U	—	—	< 0.10 U	—	< 0.10 U	—	< 0.10 U	< 0.10 U	—
Nickel	7440-02-0	ug/L	< 2.0 U	< 2.0 U	—	—	1.8 J	—	1.0 J	—	2.1 J	1.9 J	—
Potassium (K)	7440-09-7	ug/L	1020	1090	—	—	1940	—	946	—	615	606	—
Selenium	7782-49-2	ug/L	< 1.0 U	< 1.0 U	—	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U	—
Silver	7440-22-4	ug/L	< 0.25 U	< 0.25 U	—	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	< 0.25 U	—
Sodium (Na)	7440-23-5	ug/L	26200	26700	—	—	17800	—	17900 J-	—	19300	19000	—
Thallium	7440-28-0	ug/L	< 0.25 U	< 0.25 U	—	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	< 0.25 U	—
Vanadium	7440-62-2	ug/L	1.5	1.3	—	—	0.33 J	—	0.39 J	—	0.27 J	< 0.50 UJ	—
Zinc	7440-66-6	ug/L	< 7.5 U	< 7.5 U	—	—	< 7.5 U	—	< 7.5 U	—	< 7.5 U	< 7.5 U	—
MNA													
Ethane	74-84-0	ug/L	< 2.0 U	< 2.0 U	—	—	—	—	—	—	—	—	—
Ethene	74-85-1	ug/L	< 2.0 U	< 2.0 U	—	—	—	—	—	—	—	—	—
Methane	74-82-8	ug/L	280	270	—	—	—	—	—	—	—	—	—
PCBs, Dissolved													
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	< 0.24 U	—	—	< 0.26 U
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	< 0.24 U	—	—	< 0.26 U
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	< 0.32 U	—	—	< 0.34 U
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	< 0.24 U	—	—	< 0.26 U
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	< 0.24 U	—	—	< 0.26 U
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	< 0.24 U	—	—	< 0.26 U
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	< 0.24 U	—	—	< 0.26 U
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	< 0.32 U	—	—	< 0.34 U
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	< 0.26 U	—	—	< 0.27 U
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	< 2.3 U	—	—	< 2.5 U
PCBs, Total													
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	< 0.24 U	—	< 0.24 U	< 0.25 U	—
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	< 0.24 U	—	< 0.24 U	< 0.25 U	—
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	< 0.32 U	—	< 0.32 U	< 0.33 U	—
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	< 0.24 U	—	< 0.24 U	< 0.25 U	—
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	< 0.24 U	—	< 0.24 U	< 0.25 U	—
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	< 0.24 U	—	< 0.24 U	< 0.25 U	—
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	< 0.24 U	—	< 0.24 U	< 0.25 U	—
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	< 0.32 U	—	< 0.32 U	< 0.33 U	—
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	< 0.26 U	—	< 0.26 U	< 0.26 U	—
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	< 2.3 U	—	< 2.3 U	< 2.4 U	—

Appendix B2 Table 11
Analytical Data Summary Tables - Phase III Groundwater
Camp Hero Remedial Investigation
Montauk, New York

Chemical	CAS	Units	Location ID	CH-MW037	CH-MW037	CH-MW037	CH-MW037	CH-MW038	CH-MW038	CH-MW039	CH-MW039	CH-MW040	CH-MW040	CH-MW040
			Sample ID	CH-MW037-02	CH-MW037-02D	CH-MW037-02DF	CH-MW037-02F	CH-MW038-02	CH-MW038-02F	CH-MW039-02	CH-MW039-02F	CH-MW040-02	CH-MW040-02D	CH-MW040-02DF
			Sample Date	N	FD	FD	N	N	N	N	N	N	FD	FD
			Parent Sample ID	CH-MW037-02	CH-MW037-02	CH-MW037-02F							CH-MW040-02	CH-MW040-02F
SVOCs, Dissolved														
1,4-Dichlorobenzene	106-46-7	ug/L	—	—	< 1.0 U	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	—	< 1.0 U
1-Methylnaphthalene	90-12-0	ug/L	—	—	0.16 J	0.18	—	< 0.040 U	—	< 0.040 U	—	—	—	< 0.040 U
2-Chloronaphthalene	91-58-7	ug/L	—	—	< 1.0 U	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	—	< 1.0 U
2-Methylnaphthalene	91-57-6	ug/L	—	—	< 0.040 UJ	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—	< 0.040 U
2-Methylphenol	95-48-7	ug/L	—	—	< 1.0 U	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	—	< 1.0 U
3,4-Methylphenol	108394/106445	ug/L	—	—	< 1.0 U	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	—	< 1.0 U
4-Chloro-3-methylphenol	59-50-7	ug/L	—	—	< 1.0 U	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	—	< 1.0 U
4-Chloroaniline	106-47-8	ug/L	—	—	< 4.0 U	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	—	—	< 4.0 U
Acenaphthene	83-32-9	ug/L	—	—	5.5 J	6.3	—	< 0.040 U	—	< 0.040 U	—	—	—	< 0.040 U
Acenaphthylene	208-96-8	ug/L	—	—	0.033 J	0.037 J	—	< 0.040 U	—	< 0.040 U	—	—	—	< 0.040 U
Anthracene	120-12-7	ug/L	—	—	< 0.040 UJ	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—	< 0.040 U
Benzaldehyde	100-52-7	ug/L	—	—	< 4.0 U	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	—	—	< 4.0 U
Benzo(a)anthracene	56-55-3	ug/L	—	—	< 0.040 U	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—	< 0.040 U
Benzo(a)pyrene	50-32-8	ug/L	—	—	< 0.040 U	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—	< 0.040 U
Benzo(b)fluoranthene	205-99-2	ug/L	—	—	< 0.040 U	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—	< 0.040 U
Benzo(g,h,i)perylene	191-24-2	ug/L	—	—	< 0.040 U	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—	< 0.040 U
Benzo(k)fluoranthene	207-08-9	ug/L	—	—	< 0.040 U	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—	< 0.040 U
Benzoic acid	65-85-0	ug/L	—	—	< 15 U	< 15 U	—	< 15 U	—	< 15 UJ	—	—	—	< 15 U
Biphenyl, 1,1'-	92-52-4	ug/L	—	—	< 1.0 U	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	—	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	—	< 4.0 U	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	—	—	< 4.0 U
Butyl benzyl phthalate	85-68-7	ug/L	—	—	< 4.0 U	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	—	—	< 4.0 U
Caprolactam	105-60-2	ug/L	—	—	< 15 U	< 15 U	—	< 15 U	—	< 15 U	—	—	—	< 15 U
CARBAZOLE	86-74-8	ug/L	—	—	< 1.0 U	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	—	< 1.0 U
Chrysene	218-01-9	ug/L	—	—	< 0.040 U	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—	< 0.040 U
Dibenz(a,h)anthracene	53-70-3	ug/L	—	—	< 0.040 U	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—	< 0.040 U
Dibenzofuran	132-64-9	ug/L	—	—	< 1.0 UJ	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	—	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	—	—	< 4.0 U	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	—	—	< 4.0 U
Dimethyl phthalate	131-11-3	ug/L	—	—	< 4.0 U	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	—	—	< 4.0 U
Di-n-butyl phthalate	84-74-2	ug/L	—	—	< 4.0 U	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	—	—	< 4.0 U
Di-n-octyl phthalate	117-84-0	ug/L	—	—	< 4.0 U	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	—	—	< 4.0 U
Fluoranthene	206-44-0	ug/L	—	—	< 0.040 UJ	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—	< 0.040 U
Fluorene	86-73-7	ug/L	—	—	0.055 J	0.082	—	< 0.040 U	—	< 0.040 U	—	—	—	< 0.040 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	—	< 0.040 U	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—	< 0.040 U
Naphthalene	91-20-3	ug/L	—	—	1.1 J	1.1	—	< 0.060 U	—	< 0.061 U	—	—	—	< 0.060 U
Phenanthrene	85-01-8	ug/L	—	—	< 0.060 UJ	< 0.061 U	—	< 0.060 U	—	< 0.061 U	—	—	—	< 0.060 U
Pyrene	129-00-0	ug/L	—	—	< 0.040 U	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—	< 0.040 U
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	—	< 0.092 U	< 0.092 U	—	< 0.092 U	—	< 0.092 U	—	—	—	< 0.092 U
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	—	< 0.36 U	< 0.36 U	—	< 0.36 U	—	< 0.36 U	—	—	—	< 0.36 U
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	—	7.0	7.8	—	< 0.40 U	—	< 0.40 U	—	—	—	< 0.40 U
Total PAHs Calculated	CALC-PAH	ug/L	—	—	7.3	8.2	—	< 0.76 U	—	< 0.76 U	—	—	—	< 0.76 U
SVOCs, Total														
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.0 U	< 1.0 U	—	—	< 1.0 U	—	< 1.0 U	—	< 1.1 U	< 1.0 U	—	—
1-Methylnaphthalene	90-12-0	ug/L	0.32 J	0.33 J	—	—	< 0.041 U	—	< 0.040 U	—	< 0.042 U	< 0.041 U	—	—
2-Chloronaphthalene	91-58-7	ug/L	< 1.0 U	< 1.0 U	—	—	< 1.0 U	—	< 1.0 U	—	< 1.1 U	< 1.0 U	—	—
2-Methylnaphthalene	91-57-6	ug/L	0.017 J	0.019 J	—	—	< 0.041 U	—	< 0.040 U	—	< 0.042 U	< 0.041 U	—	—
2-Methylphenol	95-48-7	ug/L	< 1.0 U	< 1.0 U	—	—	< 1.0 U	—	< 1.0 U	—	< 1.1 U	< 1.0 U	—	—
3,4-Methylphenol	108394/106445	ug/L	< 1.0 U	< 1.0 U	—	—	< 1.0 U	—	< 1.0 U	—	< 1.1 U	< 1.0 U	—	—
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.0 U	< 1.0 U	—	—	< 1.0 U	—	< 1.0 U	—	< 1.1 U	< 1.0 U	—	—
4-Chloroaniline	106-47-8	ug/L	< 4.1 U	< 4.0 U	—	—	< 4.1 U	—	< 4.0 U	—	< 4.2 U	< 4.1 U	—	—
Acenaphthene	83-32-9	ug/L	20	22 J	—	—	< 0.041 U	—	< 0.040 U	—	< 0.042 U	< 0.041 U	—	—
Acenaphthylene	208-96-8	ug/L	0.067 J	0.068 J	—	—	< 0.041 U	—	< 0.040 U	—	< 0.042 U	< 0.041 U	—	—
Anthracene	120-12-7	ug/L	0.067 J	0.063 J	—	—	< 0.041 U	—	< 0.040 U	—	0.011 J	< 0.041 UJ	—	—

Appendix B2 Table 11
Analytical Data Summary Tables - Phase III Groundwater
Camp Hero Remedial Investigation
Montauk, New York

Chemical	CAS	Units	Location ID	CH-MW037	CH-MW037	CH-MW037	CH-MW037	CH-MW038	CH-MW038	CH-MW039	CH-MW039	CH-MW040	CH-MW040	CH-MW040
			Sample ID	CH-MW037-02	CH-MW037-02D	CH-MW037-02DF	CH-MW037-02F	CH-MW038-02	CH-MW038-02F	CH-MW039-02	CH-MW039-02F	CH-MW040-02	CH-MW040-02D	CH-MW040-02DF
Sample Date	Sample Type Code	Parent Sample ID		N	FD	FD	N	N	N	N	N	N	FD	FD
					CH-MW037-02	CH-MW037-02F							CH-MW040-02	CH-MW040-02F
SVOCs, Total Continued														
Benzaldehyde	100-52-7	ug/L	< 4.1 U	< 4.0 U	—	—	< 4.1 U	—	< 4.0 U	—	< 4.2 U	< 4.1 U	—	—
Benzo(a)anthracene	56-55-3	ug/L	< 0.041 U	< 0.040 U	—	—	< 0.041 U	—	< 0.040 U	—	< 0.042 U	< 0.041 U	—	—
Benzo(a)pyrene	50-32-8	ug/L	< 0.041 U	< 0.040 U	—	—	< 0.041 U	—	< 0.040 U	—	< 0.042 U	< 0.041 U	—	—
Benzo(b)fluoranthene	205-99-2	ug/L	< 0.041 U	< 0.040 U	—	—	< 0.041 U	—	< 0.040 U	—	< 0.042 U	< 0.041 U	—	—
Benzo(g,h,i)perylene	191-24-2	ug/L	< 0.041 U	< 0.040 U	—	—	< 0.041 U	—	< 0.040 U	—	< 0.042 U	< 0.041 U	—	—
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.041 U	< 0.040 U	—	—	< 0.041 U	—	< 0.040 U	—	< 0.042 U	< 0.041 U	—	—
Benzoic acid	65-85-0	ug/L	< 15 U	< 15 U	—	—	< 16 U	—	< 15 U	—	< 16 U	< 15 U	—	—
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.0 U	< 1.0 U	—	—	< 1.0 U	—	< 1.0 U	—	< 1.1 U	< 1.0 U	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.1 U	< 4.0 U	—	—	< 4.1 U	—	< 4.0 U	—	< 4.2 U	< 4.1 U	—	—
Butyl benzyl phthalate	85-68-7	ug/L	< 4.1 U	< 4.0 U	—	—	< 4.1 U	—	< 4.0 U	—	< 4.2 U	< 4.1 U	—	—
Caprolactam	105-60-2	ug/L	< 15 U	< 15 U	—	—	< 16 U	—	< 15 U	—	< 16 U	< 15 U	—	—
CARBAZOLE	86-74-8	ug/L	< 1.0 U	< 1.0 U	—	—	< 1.0 U	—	< 1.0 U	—	< 1.1 U	< 1.0 U	—	—
Chrysene	218-01-9	ug/L	< 0.041 U	< 0.040 U	—	—	< 0.041 U	—	< 0.040 U	—	< 0.042 U	< 0.041 U	—	—
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.041 U	< 0.040 U	—	—	< 0.041 U	—	< 0.040 U	—	< 0.042 U	< 0.041 U	—	—
Dibenzofuran	132-64-9	ug/L	3.0	2.8 J	—	—	< 1.0 U	—	< 1.0 U	—	< 1.1 U	< 1.0 U	—	—
Diethyl phthalate	84-66-2	ug/L	< 4.1 U	< 4.0 U	—	—	< 4.1 U	—	< 4.0 U	—	< 4.2 U	< 4.1 U	—	—
Dimethyl phthalate	131-11-3	ug/L	< 4.1 U	< 4.0 U	—	—	< 4.1 U	—	< 4.0 U	—	< 4.2 U	< 4.1 U	—	—
Di-n-butyl phthalate	84-74-2	ug/L	< 4.1 U	< 4.0 U	—	—	< 4.1 U	—	< 4.0 U	—	< 4.2 U	< 4.1 U	—	—
Di-n-octyl phthalate	117-84-0	ug/L	< 4.1 U	< 4.0 U	—	—	< 4.1 U	—	< 4.0 U	—	< 4.2 U	< 4.1 U	—	—
Fluoranthene	206-44-0	ug/L	< 0.041 U	0.012 J	—	—	< 0.041 U	—	< 0.040 U	—	< 0.042 U	< 0.041 U	—	—
Fluorene	86-73-7	ug/L	0.74 J	0.77 J	—	—	< 0.041 U	—	< 0.040 U	—	< 0.042 U	< 0.041 U	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	< 0.041 U	< 0.040 U	—	—	< 0.041 U	—	< 0.040 U	—	< 0.042 U	< 0.041 U	—	—
Naphthalene	91-20-3	ug/L	2.1 J	2.3 J	—	—	0.034 J	—	< 0.061 U	—	0.036 J	0.036 J	—	—
Phenanthrene	85-01-8	ug/L	0.040 J	0.049 J	—	—	< 0.062 U	—	< 0.061 U	—	< 0.063 U	< 0.061 U	—	—
Pyrene	129-00-0	ug/L	< 0.041 U	< 0.040 U	—	—	< 0.041 U	—	< 0.040 U	—	< 0.042 U	< 0.041 U	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	< 0.095 U	< 0.092 U	—	—	< 0.095 U	—	< 0.092 U	—	< 0.097 U	< 0.095 U	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	< 0.37 U	< 0.36 U	—	—	< 0.37 U	—	< 0.36 U	—	< 0.38 U	< 0.37 U	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	23	26	—	—	0.38	—	< 0.40 U	—	0.21	< 0.38	—	—
Total PAHs Calculated	CALC-PAH	ug/L	24	26	—	—	0.75	—	< 0.76 U	—	0.42	0.75	—	—
VOCs														
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
1,1,1-Trichloroethane	71-55-6	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
1,1,2-Trichloroethane	79-00-5	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
1,1-Dichloroethane	75-34-3	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
1,1-Dichloroethene	75-35-4	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
1,2,3-Trichlorobenzene	87-61-6	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
1,2,4-Trimethylbenzene	95-63-6	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
1,3,5-Trimethylbenzene	108-67-8	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
1,4-Dioxane	123-91-1	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
2-Butanone	78-93-3	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
4-Isopropyltoluene	99-87-6	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
4-Methyl-2-pentanone	108-10-1	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
Acetone	67-64-1	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
Benzene	71-43-2	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
Carbon disulfide	75-15-0	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
Carbon tetrachloride	56-23-5	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
Chloroethane	75-00-3	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
Chloroform	67-66-3	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
cis-1,2-Dichloroethene	156-59-2	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
cyclohexane	110-82-7	ug/L	—	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	100-41-4	ug/L	—	—	—	—	—	—	—	—	—	—	—	—

Appendix B2 Table 11
Analytical Data Summary Tables - Phase III Groundwater
Camp Hero Remedial Investigation
Montauk, New York

			Location ID	CH-MW037	CH-MW037	CH-MW037	CH-MW037	CH-MW038	CH-MW038	CH-MW039	CH-MW039	CH-MW040	CH-MW040	CH-MW040
			Sample ID	CH-MW037-02	CH-MW037-02D	CH-MW037-02DF	CH-MW037-02F	CH-MW038-02	CH-MW038-02F	CH-MW039-02	CH-MW039-02F	CH-MW040-02	CH-MW040-02D	CH-MW040-02DF
			Sample Date	6/22/2017	6/22/2017	6/22/2017	6/22/2017	6/21/2017	6/21/2017	6/21/2017	6/21/2017	6/21/2017	6/21/2017	6/21/2017
			Sample Type Code	N	FD	FD	N	N	N	N	N	N	FD	FD
			Parent Sample ID		CH-MW037-02	CH-MW037-02F							CH-MW040-02	CH-MW040-02F
Chemical	CAS	Units												
VOCs Continued														
Isopropylbenzene	98-82-8	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene	108383/106423	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	1634-04-4	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
Methylacetate	79-20-9	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
methylcyclohexane	108-87-2	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	75-09-2	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	104-51-8	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	103-65-1	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	95-47-6	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	135-98-8	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	98-06-6	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	127-18-4	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	108-88-3	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	156-60-5	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	79-01-6	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	75-01-4	ug/L	--	--	--	--	--	--	--	--	--	--	--	--
Xylenes (total)	1330-20-7	ug/L	--	--	--	--	--	--	--	--	--	--	--	--

Appendix B2 Table 11
Analytical Data Summary Tables - Phase III Groundwater
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-MW040	CH-MW041	CH-MW041	CH-MW042	CH-MW042	CH-MW043	CH-MW043
	Sample ID	CH-MW040-02F	CH-MW041-02	CH-MW041-02F	CH-MW042-02	CH-MW042-02F	CH-MW043-02	CH-MW043-02F
	Sample Date	6/21/2017	6/21/2017	6/21/2017	6/21/2017	6/21/2017	6/27/2017	6/27/2017
	Sample Type Code	N	N	N	N	N	N	N
	Parent Sample ID							
Chemical	CAS	Units						
Field								
Dissolved Oxygen	DO	mg/L	--	5.65	--	1.07	--	1.01
Oxidation Reduction Potential	ORP	mV	--	181.1	--	-32.5	--	109.7
pH	PH	PH	--	4.67	--	6.40	--	5.94
Specific Conductance	SC	ms/cm	--	0.203	--	0.416	--	0.350
Temperature	TEMP	deg C	--	15.89	--	21.67	--	17.52
Turbidity	TURB	NTU	--	-5.7	--	-10.4	--	6.6
General Chemistry, Dissolved								
Total hardness	HARDNESS	ug/L	68900	--	52700	--	96400	--
General Chemistry, Total								
BOD 5	BOD5	ug/L	--	--	--	--	--	< 2000 U
Chemical oxygen demand	COD	ug/L	--	--	--	--	--	18700 J
Sulfide	18496-25-8	ug/L	--	--	--	--	--	< 100 UJ
Total alkalinity	ALKALINITY	ug/L	--	--	--	--	--	49500
Total hardness	HARDNESS	ug/L	--	54100	--	95500	--	51500
Total Organic Carbon	TOC	ug/L	--	--	--	--	--	6300
Ions								
CHLORIDE	16887-00-6	ug/L	--	--	--	--	--	59200
Nitrate	14797-55-8	ug/L	--	--	--	--	--	380 J
Nitrite	14797-65-0	ug/L	--	--	--	--	--	< 500 UJ
Sulphates	14808-79-8	ug/L	--	--	--	--	--	15500
Metals, Dissolved								
Aluminum	7429-90-5	ug/L	54.9 J	--	487	--	< 50.0 U	--
Antimony	7440-36-0	ug/L	< 1.0 U	--	< 1.0 U	--	< 1.0 U	--
Arsenic	7440-38-2	ug/L	< 2.0 U	--	< 2.0 U	--	< 2.0 U	--
Barium	7440-39-3	ug/L	17.2	--	27.1	--	67.6	--
Beryllium	7440-41-7	ug/L	< 0.25 U	--	0.38 J	--	< 0.25 U	--
Cadmium	7440-43-9	ug/L	0.17 J	--	< 0.50 U	--	< 0.50 U	--
Calcium (Ca)	7440-70-2	ug/L	23000	--	14800	--	20500	--
Chromium	7440-47-3	ug/L	< 2.0 U	--	< 2.0 U	--	< 2.0 U	--
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	--	--	--	--	--	--
Chromium(VI) (b)	18540-29-9	ug/L	< 0.6	--	< 0.6	--	< 0.6	--
Chromium(VI)	18540-29-9	ug/L	--	--	--	--	--	0.4 J
Cobalt	7440-48-4	ug/L	0.37 J	--	2.4	--	6.7	--
Copper	7440-50-8	ug/L	1.8 J	--	4.2	--	< 1.0 U	--
Iron (Fe)	7439-89-6	ug/L	99.6 J	--	< 100 U	--	2070	--
Lead	7439-92-1	ug/L	< 0.25 U	--	0.13 J	--	< 0.25 U	--
Magnesium (Mg)	7439-95-4	ug/L	2780	--	3830	--	10900	--
Manganese (Mn)	7439-96-5	ug/L	56.5	--	71.6	--	741	--
Mercury	7439-97-6	ug/L	< 0.10 U	--	< 0.10 U	--	< 0.20 U	--
Nickel	7440-02-0	ug/L	1.9 J	--	4.8	--	4.3	--
Potassium (K)	7440-09-7	ug/L	607	--	1670	--	4710	--
Selenium	7782-49-2	ug/L	< 1.0 U	--	< 1.0 U	--	< 1.0 U	--
Silver	7440-22-4	ug/L	< 0.25 U	--	< 0.25 U	--	< 0.25 U	--
Sodium (Na)	7440-23-5	ug/L	18700	--	11500	--	45800	--
Thallium	7440-28-0	ug/L	< 0.25 U	--	< 0.25 U	--	< 0.25 U	--
Vanadium	7440-62-2	ug/L	0.25 J	--	0.28 J	--	0.47 J	--
Zinc	7440-66-6	ug/L	< 7.5 U	--	18.5 J	--	5.5 J	--

Appendix B2 Table 11
Analytical Data Summary Tables - Phase III Groundwater
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-MW040	CH-MW041	CH-MW041	CH-MW042	CH-MW042	CH-MW043	CH-MW043
Sample ID		CH-MW040-02F	CH-MW041-02	CH-MW041-02F	CH-MW042-02	CH-MW042-02F	CH-MW043-02	CH-MW043-02F
Sample Date		6/21/2017	6/21/2017	6/21/2017	6/21/2017	6/21/2017	6/27/2017	6/27/2017
Sample Type Code		N	N	N	N	N	N	N
Parent Sample ID								
Chemical	CAS	Units						
Metals, Total								
Aluminum	7429-90-5	ug/L	--	493	--	< 50.0 U	--	326
Antimony	7440-36-0	ug/L	--	< 1.0 U	--	< 1.0 U	--	< 1.0 U
Arsenic	7440-38-2	ug/L	--	0.80 J	--	< 2.0 U	--	1.5 J
Barium	7440-39-3	ug/L	--	22.7	--	60.3	--	26.8
Beryllium	7440-41-7	ug/L	--	0.37 J	--	< 0.25 U	--	< 0.25 U
Cadmium	7440-43-9	ug/L	--	< 0.50 U	--	< 0.50 U	--	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	--	15400	--	20800	--	16800
Chromium	7440-47-3	ug/L	--	< 2.0 U	--	< 2.0 U	--	1.3 J
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	--	--	--	--	--	--
Chromium(VI) (b)	18540-29-9	ug/L	--	< 0.6	--	< 0.6	--	0.4 J
Chromium(VI)	18540-29-9	ug/L	--	--	--	--	--	--
Cobalt	7440-48-4	ug/L	--	2.4	--	6.2	--	5.7
Copper	7440-50-8	ug/L	--	3.4 J	--	< 1.0 U	--	2.6 J
Iron (Fe)	7439-89-6	ug/L	--	< 100 U	--	2210	--	2880
Lead	7439-92-1	ug/L	--	0.12 J	--	< 0.25 U	--	0.45 J
Magnesium (Mg)	7439-95-4	ug/L	--	3790	--	10600	--	2360
Manganese (Mn)	7439-96-5	ug/L	--	71.8	--	704	--	1240
Mercury	7439-97-6	ug/L	--	< 0.10 U	--	< 0.10 U	--	< 0.10 U
Nickel	7440-02-0	ug/L	--	5.3	--	5.6	--	3.2 J
Potassium (K)	7440-09-7	ug/L	--	1690	--	4570	--	3090
Selenium	7782-49-2	ug/L	--	< 1.0 U	--	< 1.0 U	--	< 1.0 U
Silver	7440-22-4	ug/L	--	< 0.25 U	--	< 0.25 U	--	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	--	11700	--	44700	--	45800
Thallium	7440-28-0	ug/L	--	< 0.25 U	--	< 0.25 U	--	< 0.25 U
Vanadium	7440-62-2	ug/L	--	0.34 J	--	0.47 J	--	0.92 J
Zinc	7440-66-6	ug/L	--	17.2 J	--	4.0 J	--	6.1 J
MNA								
Ethane	74-84-0	ug/L	--	--	--	--	--	< 2.0 U
Ethene	74-85-1	ug/L	--	--	--	--	--	< 2.0 U
Methane	74-82-8	ug/L	--	--	--	--	--	41
PCBs, Dissolved								
Aroclor 1016	12674-11-2	ug/L	< 0.25 U	--	--	--	--	--
Aroclor 1221	11104-28-2	ug/L	< 0.25 U	--	--	--	--	--
Aroclor 1232	11141-16-5	ug/L	< 0.34 U	--	--	--	--	--
Aroclor 1242	53469-21-9	ug/L	< 0.25 U	--	--	--	--	--
Aroclor 1248	12672-29-6	ug/L	< 0.25 U	--	--	--	--	--
Aroclor 1254	11097-69-1	ug/L	< 0.25 U	--	--	--	--	--
Aroclor 1260	11096-82-5	ug/L	< 0.25 U	--	--	--	--	--
Aroclor 1262	37324-23-5	ug/L	< 0.34 U	--	--	--	--	--
Aroclor 1268	11100-14-4	ug/L	< 0.27 U	--	--	--	--	--
Total PCBs Calculated	CALC-PCB	ug/L	< 2.5 U	--	--	--	--	--
PCBs, Total								
Aroclor 1016	12674-11-2	ug/L	--	--	--	--	--	--
Aroclor 1221	11104-28-2	ug/L	--	--	--	--	--	--
Aroclor 1232	11141-16-5	ug/L	--	--	--	--	--	--
Aroclor 1242	53469-21-9	ug/L	--	--	--	--	--	--
Aroclor 1248	12672-29-6	ug/L	--	--	--	--	--	--
Aroclor 1254	11097-69-1	ug/L	--	--	--	--	--	--
Aroclor 1260	11096-82-5	ug/L	--	--	--	--	--	--
Aroclor 1262	37324-23-5	ug/L	--	--	--	--	--	--
Aroclor 1268	11100-14-4	ug/L	--	--	--	--	--	--
Total PCBs Calculated	CALC-PCB	ug/L	--	--	--	--	--	--

Appendix B2 Table 11
Analytical Data Summary Tables - Phase III Groundwater
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-MW040	CH-MW041	CH-MW041	CH-MW042	CH-MW042	CH-MW043	CH-MW043
	Sample ID	CH-MW040-02F	CH-MW041-02	CH-MW041-02F	CH-MW042-02	CH-MW042-02F	CH-MW043-02	CH-MW043-02F
	Sample Date	6/21/2017	6/21/2017	6/21/2017	6/21/2017	6/21/2017	6/27/2017	6/27/2017
	Sample Type Code	N	N	N	N	N	N	N
	Parent Sample ID							
Chemical	CAS	Units						
SVOCs, Dissolved								
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U
1-Methylnaphthalene	90-12-0	ug/L	< 0.040 U	—	< 0.041 U	—	< 0.040 U	< 0.042 U
2-Chloronaphthalene	91-58-7	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U
2-Methylnaphthalene	91-57-6	ug/L	< 0.040 U	—	< 0.041 U	—	< 0.040 U	< 0.042 U
2-Methylphenol	95-48-7	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U
3,4-Methylphenol	108394/106445	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U
4-Chloroaniline	106-47-8	ug/L	< 4.0 U	—	< 4.1 U	—	< 4.0 U	< 4.2 U
Acenaphthene	83-32-9	ug/L	< 0.040 U	—	< 0.041 U	—	< 0.040 U	< 0.042 U
Acenaphthylene	208-96-8	ug/L	< 0.040 U	—	< 0.041 U	—	< 0.040 U	< 0.042 U
Anthracene	120-12-7	ug/L	< 0.040 U	—	< 0.041 U	—	< 0.040 U	< 0.042 U
Benzaldehyde	100-52-7	ug/L	< 4.0 U	—	< 4.1 U	—	< 4.0 U	< 4.2 U
Benzo(a)anthracene	56-55-3	ug/L	< 0.040 U	—	< 0.041 U	—	< 0.040 U	< 0.042 U
Benzo(a)pyrene	50-32-8	ug/L	< 0.040 U	—	< 0.041 U	—	< 0.040 U	< 0.042 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 0.040 U	—	< 0.041 U	—	< 0.040 U	< 0.042 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 0.040 U	—	< 0.041 U	—	< 0.040 U	< 0.042 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.040 U	—	< 0.041 U	—	< 0.040 U	< 0.042 U
Benzoic acid	65-85-0	ug/L	< 15 U	—	< 15 U	—	< 15 U	< 16 U
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.0 U	—	< 4.1 U	—	< 4.0 U	< 4.2 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.0 U	—	< 4.1 U	—	< 4.0 U	< 4.2 U
Caprolactam	105-60-2	ug/L	< 15 U	—	< 15 U	—	< 15 U	< 16 U
CARBAZOLE	86-74-8	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U
Chrysene	218-01-9	ug/L	< 0.040 U	—	< 0.041 U	—	< 0.040 U	< 0.042 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.040 U	—	< 0.041 U	—	< 0.040 U	< 0.042 U
Dibenzofuran	132-64-9	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	< 4.0 U	—	< 4.1 U	—	< 4.0 U	< 4.2 U
Dimethyl phthalate	131-11-3	ug/L	< 4.0 U	—	< 4.1 U	—	< 4.0 U	< 4.2 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.0 U	—	< 4.1 U	—	< 4.0 U	< 4.2 U
Di-n-octyl phthalate	117-84-0	ug/L	< 4.0 U	—	< 4.1 U	—	< 4.0 U	< 4.2 U
Fluoranthene	206-44-0	ug/L	< 0.040 U	—	< 0.041 U	—	< 0.040 U	< 0.042 U
Fluorene	86-73-7	ug/L	< 0.040 U	—	< 0.041 U	—	< 0.040 U	< 0.042 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	< 0.040 U	—	< 0.041 U	—	< 0.040 U	< 0.042 U
Naphthalene	91-20-3	ug/L	< 0.060 U	—	< 0.061 U	—	< 0.061 U	< 0.063 U
Phenanthrene	85-01-8	ug/L	< 0.060 U	—	< 0.061 U	—	< 0.061 U	< 0.063 U
Pyrene	129-00-0	ug/L	< 0.040 U	—	< 0.041 U	—	< 0.040 U	< 0.042 U
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	< 0.092 U	—	< 0.095 U	—	< 0.092 U	< 0.097 U
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	< 0.36 U	—	< 0.37 U	—	< 0.36 U	< 0.38 U
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	< 0.40 U	—	< 0.41 U	—	< 0.40 U	< 0.42 U
Total PAHs Calculated	CALC-PAH	ug/L	< 0.76 U	—	< 0.78 U	—	< 0.76 U	< 0.80 U
SVOCs, Total								
1,4-Dichlorobenzene	106-46-7	ug/L	—	< 1.1 U	—	< 1.1 U	—	< 1.0 U
1-Methylnaphthalene	90-12-0	ug/L	—	< 0.043 U	—	0.012 J	—	< 0.041 U
2-Chloronaphthalene	91-58-7	ug/L	—	< 1.1 U	—	< 1.1 U	—	< 1.0 U
2-Methylnaphthalene	91-57-6	ug/L	—	< 0.043 U	—	0.017 J	—	< 0.041 U
2-Methylphenol	95-48-7	ug/L	—	< 1.1 U	—	< 1.1 U	—	< 1.0 U
3,4-Methylphenol	108394/106445	ug/L	—	< 1.1 U	—	< 1.1 U	—	< 1.0 U
4-Chloro-3-methylphenol	59-50-7	ug/L	—	< 1.1 U	—	< 1.1 U	—	< 1.0 U
4-Chloroaniline	106-47-8	ug/L	—	< 4.3 U	—	< 4.4 U	—	< 4.1 U
Acenaphthene	83-32-9	ug/L	—	< 0.043 U	—	0.024 J	—	< 0.041 U
Acenaphthylene	208-96-8	ug/L	—	< 0.043 U	—	< 0.044 U	—	< 0.041 U
Anthracene	120-12-7	ug/L	—	< 0.043 U	—	< 0.044 U	—	< 0.041 U

Appendix B2 Table 11
Analytical Data Summary Tables - Phase III Groundwater
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-MW040	CH-MW041	CH-MW041	CH-MW042	CH-MW042	CH-MW043	CH-MW043
		Sample ID	CH-MW040-02F	CH-MW041-02	CH-MW041-02F	CH-MW042-02	CH-MW042-02F	CH-MW043-02	CH-MW043-02F
		Sample Date	6/21/2017	6/21/2017	6/21/2017	6/21/2017	6/21/2017	6/27/2017	6/27/2017
		Sample Type Code	N	N	N	N	N	N	N
		Parent Sample ID							
Chemical	CAS	Units							
SVOCs, Total Continued									
Benzaldehyde	100-52-7	ug/L	—	< 4.3 U	—	< 4.4 U	—	< 4.1 U	—
Benzo(a)anthracene	56-55-3	ug/L	—	< 0.043 U	—	< 0.044 U	—	< 0.041 U	—
Benzo(a)pyrene	50-32-8	ug/L	—	< 0.043 U	—	< 0.044 U	—	< 0.041 U	—
Benzo(b)fluoranthene	205-99-2	ug/L	—	< 0.043 U	—	< 0.044 U	—	< 0.041 U	—
Benzo(g,h,i)perylene	191-24-2	ug/L	—	< 0.043 U	—	< 0.044 U	—	< 0.041 U	—
Benzo(k)fluoranthene	207-08-9	ug/L	—	< 0.043 U	—	< 0.044 U	—	< 0.041 U	—
Benzoic acid	65-85-0	ug/L	—	< 16 U	—	< 16 U	—	< 15 U	—
Biphenyl, 1,1'-	92-52-4	ug/L	—	< 1.1 U	—	< 1.1 U	—	< 1.0 U	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	< 4.3 U	—	< 4.4 U	—	< 4.1 U	—
Butyl benzyl phthalate	85-68-7	ug/L	—	< 4.3 U	—	< 4.4 U	—	< 4.1 U	—
Caprolactam	105-60-2	ug/L	—	< 16 U	—	< 16 U	—	< 15 U	—
CARBAZOLE	86-74-8	ug/L	—	< 1.1 U	—	< 1.1 U	—	< 1.0 U	—
Chrysene	218-01-9	ug/L	—	< 0.043 U	—	< 0.044 U	—	< 0.041 U	—
Dibenz(a,h)anthracene	53-70-3	ug/L	—	< 0.043 U	—	< 0.044 U	—	< 0.041 U	—
Dibenzofuran	132-64-9	ug/L	—	< 1.1 U	—	< 1.1 U	—	< 1.0 U	—
Diethyl phthalate	84-66-2	ug/L	—	< 4.3 U	—	< 4.4 U	—	< 4.1 U	—
Dimethyl phthalate	131-11-3	ug/L	—	< 4.3 U	—	< 4.4 U	—	< 4.1 U	—
Di-n-butyl phthalate	84-74-2	ug/L	—	< 4.3 U	—	< 4.4 U	—	< 4.1 U	—
Di-n-octyl phthalate	117-84-0	ug/L	—	< 4.3 U	—	< 4.4 U	—	< 4.1 U	—
Fluoranthene	206-44-0	ug/L	—	< 0.043 U	—	< 0.044 U	—	< 0.041 U	—
Fluorene	86-73-7	ug/L	—	< 0.043 U	—	0.035 J	—	< 0.041 U	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	< 0.043 U	—	< 0.044 U	—	< 0.041 U	—
Naphthalene	91-20-3	ug/L	—	< 0.065 U	—	0.039 J	—	< 0.062 U	—
Phenanthrene	85-01-8	ug/L	—	< 0.065 U	—	0.047 J	—	< 0.062 U	—
Pyrene	129-00-0	ug/L	—	< 0.043 U	—	< 0.044 U	—	< 0.041 U	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	< 0.099 U	—	< 0.10 U	—	< 0.095 U	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	< 0.39 U	—	< 0.40 U	—	< 0.37 U	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	< 0.43 U	—	0.25	—	< 0.41 U	—
Total PAHs Calculated	CALC-PAH	ug/L	—	< 0.82 U	—	0.48	—	< 0.78 U	—
VOCs									
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	—	—	—	—	—	< 1 U	—
1,1,1-Trichloroethane	71-55-6	ug/L	—	—	—	—	—	< 1 U	—
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	—	—	—	—	—	< 1 U	—
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	—	—	—	—	—	< 4 U	—
1,1,2-Trichloroethane	79-00-5	ug/L	—	—	—	—	—	< 1 U	—
1,1-Dichloroethane	75-34-3	ug/L	—	—	—	—	—	< 1 U	—
1,1-Dichloroethene	75-35-4	ug/L	—	—	—	—	—	< 1 U	—
1,2,3-Trichlorobenzene	87-61-6	ug/L	—	—	—	—	—	< 2 U	—
1,2,4-Trimethylbenzene	95-63-6	ug/L	—	—	—	—	—	< 2 U	—
1,3,5-Trimethylbenzene	108-67-8	ug/L	—	—	—	—	—	< 2 U	—
1,4-Dioxane	123-91-1	ug/L	—	—	—	—	—	< 200 U	—
2-Butanone	78-93-3	ug/L	—	—	—	—	—	< 8 U	—
4-Isopropyltoluene	99-87-6	ug/L	—	—	—	—	—	< 2 U	—
4-Methyl-2-pentanone	108-10-1	ug/L	—	—	—	—	—	< 8 U	—
Acetone	67-64-1	ug/L	—	—	—	—	—	< 20 U	—
Benzene	71-43-2	ug/L	—	—	—	—	—	< 1 U	—
Carbon disulfide	75-15-0	ug/L	—	—	—	—	—	< 2 U	—
Carbon tetrachloride	56-23-5	ug/L	—	—	—	—	—	< 1 U	—
Chloroethane	75-00-3	ug/L	—	—	—	—	—	< 1 U	—
Chloroform	67-66-3	ug/L	—	—	—	—	—	< 1 U	—
cis-1,2-Dichloroethene	156-59-2	ug/L	—	—	—	—	—	< 1 U	—
cyclohexane	110-82-7	ug/L	—	—	—	—	—	< 4 U	—
Ethylbenzene	100-41-4	ug/L	—	—	—	—	—	< 1 U	—

Appendix B2 Table 11
Analytical Data Summary Tables - Phase III Groundwater
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-MW040	CH-MW041	CH-MW041	CH-MW042	CH-MW042	CH-MW043	CH-MW043
		Sample ID	CH-MW040-02F	CH-MW041-02	CH-MW041-02F	CH-MW042-02	CH-MW042-02F	CH-MW043-02	CH-MW043-02F
		Sample Date	6/21/2017	6/21/2017	6/21/2017	6/21/2017	6/21/2017	6/27/2017	6/27/2017
		Sample Type Code	N	N	N	N	N	N	N
		Parent Sample ID							
Chemical	CAS	Units							
VOCs Continued									
Isopropylbenzene	98-82-8	ug/L	--	--	--	--	--	< 2 U	--
m,p-Xylene	108383/106423	ug/L	--	--	--	--	--	< 1 U	--
Methyl tert-butyl ether	1634-04-4	ug/L	--	--	--	--	--	< 1 U	--
Methylacetate	79-20-9	ug/L	--	--	--	--	--	< 2 U	--
methylcyclohexane	108-87-2	ug/L	--	--	--	--	--	< 2 U	--
Methylene chloride	75-09-2	ug/L	--	--	--	--	--	< 4 U	--
n-Butylbenzene	104-51-8	ug/L	--	--	--	--	--	< 2 U	--
n-Propylbenzene	103-65-1	ug/L	--	--	--	--	--	< 2 U	--
o-Xylene	95-47-6	ug/L	--	--	--	--	--	< 1 U	--
sec-Butylbenzene	135-98-8	ug/L	--	--	--	--	--	< 2 U	--
tert-Butylbenzene	98-06-6	ug/L	--	--	--	--	--	< 2 U	--
Tetrachloroethene	127-18-4	ug/L	--	--	--	--	--	5	--
Toluene	108-88-3	ug/L	--	--	--	--	--	< 1 U	--
trans-1,2-Dichloroethene	156-60-5	ug/L	--	--	--	--	--	< 1 U	--
Trichloroethene	79-01-6	ug/L	--	--	--	--	--	< 1 U	--
Vinyl chloride	75-01-4	ug/L	--	--	--	--	--	< 1 U	--
Xylenes (total)	1330-20-7	ug/L	--	--	--	--	--	< 1 U	--

Appendix B2 Table 11
Analytical Data Summary Tables - Phase III Groundwater
Camp Hero Remedial Investigation
Montauk, New York

Notes:

< - Result not detected above the limit of detection.

ALKP - Alkalinity, Phenolphthalein

BaP = benzo(a)pyrene

BOD - Biological Oxygen Demand.

CAS - Chemical Abstracts Service.

COD - Chemical Oxygen Demand.

D - dissolved fraction.

DO - dissolved oxygen.

FD - Field duplicate.

J - The analyte was positively identified; the associated numerical value is an estimated quantity with an unknown bias

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

HMW - High molecular weight.

LMW - Low molecular weight.

mg/l - milligram per liter.

mV - millivolt.

ms/cm - milliSiemens per centimeter

N - Normal sample.

NTU - Nephelometric Turbidity Unit.

ORP - Oxidation Reduction Potential.

PAH - Polycyclic Aromatic Hydrocarbon.

PCB - Polychlorinated Biphenyl.

R - The result is rejected and not usable.

SC - Specific Conductance.

SVOC - Semivolatile organic compound.

T - total fraction.

TEQ - Toxic Equivalency.

TOC - Total Organic Carbon.

ug/l - microgram per liter.

U - The analyte was not detected above the limit of detection.

UJ - The analyte was not detected above the reported limit of detection. However, the reported limit of detection is approximate and may or may not represent the actual limit of detection necessary to accurately and precisely measure the analyte in the sample.

VOC - Volatile organic compound.

(a) Chromium III concentrations were calculated by the laboratory by subtracting chromium IV from total chromium, and were reported to two significant figures.

(b) Chromium VI concentrations in these samples were calculated from total chromium concentrations using ratio presented in Appendix C

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-SWSD001	CH-SWSD002	CH-SWSD002	CH-SWSD003	CH-SWSD004	CH-SWSD005	CH-SWSD006	CH-SWSD007	CH-SWSD008	
	Sample ID	CH-SWSD001-SW01	CH-SWSD002-SW01	CH-SWSD002-SW01-F	CH-SWSD003-SW01	CH-SWSD004-SW01	CH-SWSD005-SW01	CH-SWSD006-SW01	CH-SWSD007-SW01	CH-SWSD008-SW01	
	Sample Date	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	
	Sample Type Code	N	N	N	N	N	N	N	N	N	
	Parent Sample ID			CH-SWSD002-SW01							
Chemical	CAS	Units									
Field											
Dissolved Oxygen	DO	mg/L	4.59	5.45	—	4.76	7.66	7.61	7.59	7.63	3.17
Oxidation Reduction Potential	ORP	mV	230.1	257.4	—	274.6	117.2	106.3	88.7	67.7	136.1
pH	PH	PH	5.33	4.78	—	4.72	6.85	6.78	6.80	7.04	5.04
Specific Conductance	SC	ms/cm	0.218	0.209	—	0.202	0.189	0.187	0.188	0.189	0.160
Temperature	TEMP	deg C	14.75	15.2	—	14.37	13.51	13.64	13.57	13.73	18.92
Turbidity	TURB	NTU	1.8	78	—	2.4	0.5	0.1	0.5	0	4.0
General Chemistry, Dissolved											
Total hardness	HARDNESS	ug/L	—	—	16500	—	—	—	—	—	—
General Chemistry, Total											
Total hardness	HARDNESS	ug/L	18600	15100	—	16800	37000	34800	35100	32600	14900
Metals, Dissolved											
Aluminum	7429-90-5	ug/L	—	—	501	—	—	—	—	—	—
Antimony	7440-36-0	ug/L	—	—	< 1.0 U	—	—	—	—	—	—
Arsenic	7440-38-2	ug/L	—	—	< 2.0 U	—	—	—	—	—	—
Barium	7440-39-3	ug/L	—	—	24.2	—	—	—	—	—	—
Beryllium	7440-41-7	ug/L	—	—	0.16 J	—	—	—	—	—	—
Cadmium	7440-43-9	ug/L	—	—	< 0.50 U	—	—	—	—	—	—
Calcium (Ca)	7440-70-2	ug/L	—	—	2380	—	—	—	—	—	—
Chromium	7440-47-3	ug/L	—	—	0.97 J	—	—	—	—	—	—
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	0.79 J	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—
Chromium(VI)	18540-29-9	ug/L	—	—	0.17	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	—	—	0.53 J	—	—	—	—	—	—
Copper	7440-50-8	ug/L	—	—	7.3	—	—	—	—	—	—
Iron (Fe)	7439-89-6	ug/L	—	—	268	—	—	—	—	—	—
Lead	7439-92-1	ug/L	—	—	0.37 J	—	—	—	—	—	—
Magnesium (Mg)	7439-95-4	ug/L	—	—	2570	—	—	—	—	—	—
Manganese (Mn)	7439-96-5	ug/L	—	—	28.7	—	—	—	—	—	—
Mercury	7439-97-6	ug/L	—	—	< 0.10 U	—	—	—	—	—	—
Nickel	7440-02-0	ug/L	—	—	1.3 J	—	—	—	—	—	—
Potassium (K)	7440-09-7	ug/L	—	—	930	—	—	—	—	—	—
Selenium	7782-49-2	ug/L	—	—	< 1.0 U	—	—	—	—	—	—
Silver	7440-22-4	ug/L	—	—	< 0.25 U	—	—	—	—	—	—
Sodium (Na)	7440-23-5	ug/L	—	—	25100	—	—	—	—	—	—
Thallium	7440-28-0	ug/L	—	—	< 0.25 U	—	—	—	—	—	—
Vanadium	7440-62-2	ug/L	—	—	1.3	—	—	—	—	—	—
Zinc	7440-66-6	ug/L	—	—	17.4 J	—	—	—	—	—	—
Metals, Total											
Aluminum	7429-90-5	ug/L	397	616	—	508	47.8 J	37.4 J	76.7 J	42.3 J	162 J
Antimony	7440-36-0	ug/L	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Arsenic	7440-38-2	ug/L	< 2.0 U	< 2.0 U	—	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Barium	7440-39-3	ug/L	24.0	24.9	—	21.3	16.0	17.0	16.4	16.1	8.6
Beryllium	7440-41-7	ug/L	0.14 J	0.16 J	—	0.16 J	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD001	CH-SWSD002	CH-SWSD002	CH-SWSD003	CH-SWSD004	CH-SWSD005	CH-SWSD006	CH-SWSD007	CH-SWSD008
Sample ID		CH-SWSD001-SW01	CH-SWSD002-SW01	CH-SWSD002-SW01-F	CH-SWSD003-SW01	CH-SWSD004-SW01	CH-SWSD005-SW01	CH-SWSD006-SW01	CH-SWSD007-SW01	CH-SWSD008-SW01
Sample Date		6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017
Sample Type Code		N	N	N	N	N	N	N	N	N
Parent Sample ID				CH-SWSD002-SW01						
Chemical	CAS	Units								
Metals, Total Continued										
Cadmium	7440-43-9	ug/L	< 0.50 U	< 0.50 U	—	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	2630	2030	—	2580	7590	6870	7010	6430
Chromium	7440-47-3	ug/L	0.93 J	0.83 J	—	1.2 J	0.73 J	0.72 J	0.81 J	0.63 J
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	0.86 J	0.72 J	—	1.0 J	0.64 J	0.62 J	0.72 J	< 2.0 U
Chromium(VI) (b)	18540-29-9	ug/L	—	—	—	—	—	—	—	—
Chromium(VI)	18540-29-9	ug/L	0.068 J	0.11	—	0.16	0.095	0.11	0.094	0.092
Cobalt	7440-48-4	ug/L	0.51 J	0.55 J	—	0.57 J	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Copper	7440-50-8	ug/L	0.63 J	0.74 J	—	0.64 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Iron (Fe)	7439-89-6	ug/L	542	321	—	438	235	220	243	254
Lead	7439-92-1	ug/L	0.72 J	0.35 J	—	0.39 J	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Magnesium (Mg)	7439-95-4	ug/L	2920	2440	—	2520	4390	4290	4270	4020
Manganese (Mn)	7439-96-5	ug/L	37.1	26.8	—	34.6	17.6	13.7	15.5	15.2
Mercury	7439-97-6	ug/L	< 0.10 U	< 0.10 U	—	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
Nickel	7440-02-0	ug/L	< 2.0 U	1.3 J	—	1.3 J	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Potassium (K)	7440-09-7	ug/L	1220	851	—	995	1130	1190	1100	1090
Selenium	7782-49-2	ug/L	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Silver	7440-22-4	ug/L	< 0.25 U	< 0.25 U	—	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	26000	24200	—	25300	18200	19300	19300	18100
Thallium	7440-28-0	ug/L	< 0.25 U	< 0.25 U	—	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Vanadium	7440-62-2	ug/L	0.89 J	1.1	—	1.3	0.21 J	0.25 J	0.28 J	0.21 J
Zinc	7440-66-6	ug/L	7.0 J	12.9 J	—	31.2	< 7.5 U	< 7.5 U	< 7.5 U	< 7.5 U
PCBs										
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	—
SVOCs, Dissolved										
1,4-Dichlorobenzene	106-46-7	ug/L	—	—	< 1.0 U	—	—	—	—	—
1-Methylnaphthalene	90-12-0	ug/L	—	—	< 0.040 U	—	—	—	—	—
2-Chloronaphthalene	91-58-7	ug/L	—	—	< 1.0 U	—	—	—	—	—
2-Methylnaphthalene	91-57-6	ug/L	—	—	0.013 J	—	—	—	—	—
2-Methylphenol	95-48-7	ug/L	—	—	< 1.0 U	—	—	—	—	—
3,4-Methylphenol	108394/106445	ug/L	—	—	< 1.0 U	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	ug/L	—	—	< 1.0 U	—	—	—	—	—
4-Chloroaniline	106-47-8	ug/L	—	—	< 4.0 U	—	—	—	—	—
Acenaphthene	83-32-9	ug/L	—	—	< 0.040 U	—	—	—	—	—
Acenaphthylene	208-96-8	ug/L	—	—	< 0.040 U	—	—	—	—	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD001	CH-SWSD002	CH-SWSD002	CH-SWSD003	CH-SWSD004	CH-SWSD005	CH-SWSD006	CH-SWSD007	CH-SWSD008
		Sample ID	CH-SWSD001-SW01	CH-SWSD002-SW01	CH-SWSD002-SW01-F	CH-SWSD003-SW01	CH-SWSD004-SW01	CH-SWSD005-SW01	CH-SWSD006-SW01	CH-SWSD007-SW01	CH-SWSD008-SW01
		Sample Date	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017
		Sample Type Code	N	N	N	N	N	N	N	N	N
		Parent Sample ID			CH-SWSD002-SW01						
Chemical	CAS	Units									
SVOCs, Dissolved Continued											
Anthracene	120-12-7	ug/L	—	—	< 0.040 U	—	—	—	—	—	—
Benzaldehyde	100-52-7	ug/L	—	—	< 4.0 U	—	—	—	—	—	—
Benzo(a)anthracene	56-55-3	ug/L	—	—	< 0.040 U	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	ug/L	—	—	< 0.040 U	—	—	—	—	—	—
Benzo(b)fluoranthene	205-99-2	ug/L	—	—	< 0.040 U	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	ug/L	—	—	< 0.040 U	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	ug/L	—	—	< 0.040 U	—	—	—	—	—	—
Benzoic acid	65-85-0	ug/L	—	—	< 15 U	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	ug/L	—	—	< 1.0 U	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	—	< 4.0 U	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	ug/L	—	—	< 4.0 U	—	—	—	—	—	—
Caprolactam	105-60-2	ug/L	—	—	< 15 U	—	—	—	—	—	—
CARBAZOLE	86-74-8	ug/L	—	—	< 1.0 U	—	—	—	—	—	—
Chrysene	218-01-9	ug/L	—	—	< 0.040 U	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	ug/L	—	—	< 0.040 U	—	—	—	—	—	—
Dibenzofuran	132-64-9	ug/L	—	—	< 1.0 U	—	—	—	—	—	—
Diethyl phthalate	84-66-2	ug/L	—	—	< 4.0 U	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	ug/L	—	—	< 4.0 U	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	ug/L	—	—	< 4.0 U	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	ug/L	—	—	< 4.0 U	—	—	—	—	—	—
Fluoranthene	206-44-0	ug/L	—	—	< 0.040 U	—	—	—	—	—	—
Fluorene	86-73-7	ug/L	—	—	< 0.040 U	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	—	< 0.040 U	—	—	—	—	—	—
Naphthalene	91-20-3	ug/L	—	—	< 0.061 U	—	—	—	—	—	—
Phenanthrene	85-01-8	ug/L	—	—	< 0.061 U	—	—	—	—	—	—
Pyrene	129-00-0	ug/L	—	—	< 0.040 U	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	—	< 0.092	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	—	< 0.36	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	—	0.38	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	ug/L	—	—	0.74	—	—	—	—	—	—
SVOCs, Total											
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U
1-Methylnaphthalene	90-12-0	ug/L	< 0.040 U	< 0.041 U	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.042 U
2-Chloronaphthalene	91-58-7	ug/L	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U
2-Methylnaphthalene	91-57-6	ug/L	< 0.040 U	< 0.041 U	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.042 U
2-Methylphenol	95-48-7	ug/L	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U
3,4-Methylphenol	108394/106445	ug/L	< 1.0 U	< 1.0 U	—	< 1.0 UJ	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.0 U	< 1.0 U	—	< 1.0 UJ	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U
4-Chloroaniline	106-47-8	ug/L	< 4.0 U	< 4.1 U	—	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.2 U
Acenaphthene	83-32-9	ug/L	< 0.040 U	< 0.041 U	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.042 U
Acenaphthylene	208-96-8	ug/L	< 0.040 U	< 0.041 U	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.042 U
Anthracene	120-12-7	ug/L	< 0.040 U	< 0.041 U	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.042 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD001	CH-SWSD002	CH-SWSD002	CH-SWSD003	CH-SWSD004	CH-SWSD005	CH-SWSD006	CH-SWSD007	CH-SWSD008
Sample ID		CH-SWSD001-SW01	CH-SWSD002-SW01	CH-SWSD002-SW01-F	CH-SWSD003-SW01	CH-SWSD004-SW01	CH-SWSD005-SW01	CH-SWSD006-SW01	CH-SWSD007-SW01	CH-SWSD008-SW01
Sample Date		6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017
Sample Type Code		N	N	N	N	N	N	N	N	N
Parent Sample ID				CH-SWSD002-SW01						
Chemical	CAS	Units								
SVOCs, Total Continued										
Benzaldehyde	100-52-7	ug/L	< 4.0 U	< 4.1 U	—	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U
Benzo(a)anthracene	56-55-3	ug/L	< 0.040 U	< 0.041 U	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U
Benzo(a)pyrene	50-32-8	ug/L	< 0.040 U	< 0.041 U	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 0.040 U	< 0.041 U	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 0.040 U	< 0.041 U	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.040 U	< 0.041 U	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U
Benzoic acid	65-85-0	ug/L	< 15 U	< 15 U	—	< 15 UJ	< 15 U	< 15 U	< 15 U	< 15 U
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.0 U	< 4.1 U	—	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.0 U	< 4.1 U	—	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U
Caprolactam	105-60-2	ug/L	< 15 U	< 15 U	—	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U
CARBAZOLE	86-74-8	ug/L	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Chrysene	218-01-9	ug/L	< 0.040 U	< 0.041 U	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.040 U	< 0.041 U	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U
Dibenzofuran	132-64-9	ug/L	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	< 4.0 U	< 4.1 U	—	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U
Dimethyl phthalate	131-11-3	ug/L	< 4.0 U	< 4.1 U	—	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.0 U	< 4.1 U	—	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U
Di-n-octyl phthalate	117-84-0	ug/L	< 4.0 U	< 4.1 U	—	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U
Fluoranthene	206-44-0	ug/L	< 0.040 U	< 0.041 U	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U
Fluorene	86-73-7	ug/L	< 0.040 U	< 0.041 U	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	< 0.040 U	< 0.041 U	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U
Naphthalene	91-20-3	ug/L	< 0.061 U	< 0.061 U	—	0.031 J	< 0.060 U	< 0.061 U	< 0.061 U	< 0.061 U
Phenanthrene	85-01-8	ug/L	< 0.061 U	< 0.061 U	—	< 0.061 U	< 0.060 U	< 0.061 U	< 0.061 U	< 0.061 U
Pyrene	129-00-0	ug/L	< 0.040 U	< 0.041 U	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	< 0.092	< 0.095	—	< 0.092	< 0.092	< 0.095	< 0.092	< 0.095
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	< 0.36	< 0.37	—	< 0.36	< 0.36	< 0.37	< 0.36	< 0.37
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	< 0.40	< 0.41	—	0.37	< 0.40	< 0.41	< 0.40	< 0.41
Total PAHs Calculated	CALC-PAH	ug/L	< 0.76	< 0.78	—	0.73	< 0.76	< 0.78	< 0.76	< 0.80

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID			CH-SWSD009	CH-SWSD010	CH-SWSD011	CH-SWSD012	CH-SWSD013	CH-SWSD014	CH-SWSD015	CH-SWSD016	CH-SWSD017
Sample ID			CH-SWSD009-SW01	CH-SWSD010-SW01	CH-SWSD011-SW01	CH-SWSD012-SW01	CH-SWSD013-SW01	CH-SWSD014-SW01	CH-SWSD015-SW01	CH-SWSD016-SW01	CH-SWSD017-SW01
Sample Date			6/9/2017	6/9/2017	6/10/2017	6/10/2017	6/10/2017	6/9/2017	6/9/2017	6/8/2017	6/8/2017
Sample Type Code			N	N	N	N	N	N	N	N	N
Parent Sample ID											
Chemical	CAS	Units									
Field											
Dissolved Oxygen	DO	mg/L	3.44	4.01	4.92	5.46	5.9	6.27	6.45	7.19	7.58
Oxidation Reduction Potential	ORP	mV	31.8	196.8	269.0	280.5	277.0	118.8	146.6	266.6	256.7
pH	PH	PH	5.41	4.38	4.15	4.09	4.22	5.55	5.38	4.78	4.83
Specific Conductance	SC	ms/cm	0.202	0.316	0.155	0.154	0.151	0.399	0.402	0.223	0.219
Temperature	TEMP	deg C	17.65	17.8	20.32	18.67	18.42	16.87	17.69	13.98	14.32
Turbidity	TURB	NTU	4.3	8.0	1.0	0.9	1.9	7.4	8.6	0	2.0
General Chemistry, Dissolved											
Total hardness	HARDNESS	ug/L	--	--	--	--	--	--	--	--	--
General Chemistry, Total											
Total hardness	HARDNESS	ug/L	24400	18000	20400	19600	19300	32300	32500	19100	18600
Metals, Dissolved											
Aluminum	7429-90-5	ug/L	--	--	--	--	--	--	--	--	--
Antimony	7440-36-0	ug/L	--	--	--	--	--	--	--	--	--
Arsenic	7440-38-2	ug/L	--	--	--	--	--	--	--	--	--
Barium	7440-39-3	ug/L	--	--	--	--	--	--	--	--	--
Beryllium	7440-41-7	ug/L	--	--	--	--	--	--	--	--	--
Cadmium	7440-43-9	ug/L	--	--	--	--	--	--	--	--	--
Calcium (Ca)	7440-70-2	ug/L	--	--	--	--	--	--	--	--	--
Chromium	7440-47-3	ug/L	--	--	--	--	--	--	--	--	--
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	--	--	--	--	--	--	--	--	--
Chromium(VI) (b)	18540-29-9	ug/L	--	--	--	--	--	--	--	--	--
Chromium(VI)	18540-29-9	ug/L	--	--	--	--	--	--	--	--	--
Cobalt	7440-48-4	ug/L	--	--	--	--	--	--	--	--	--
Copper	7440-50-8	ug/L	--	--	--	--	--	--	--	--	--
Iron (Fe)	7439-89-6	ug/L	--	--	--	--	--	--	--	--	--
Lead	7439-92-1	ug/L	--	--	--	--	--	--	--	--	--
Magnesium (Mg)	7439-95-4	ug/L	--	--	--	--	--	--	--	--	--
Manganese (Mn)	7439-96-5	ug/L	--	--	--	--	--	--	--	--	--
Mercury	7439-97-6	ug/L	--	--	--	--	--	--	--	--	--
Nickel	7440-02-0	ug/L	--	--	--	--	--	--	--	--	--
Potassium (K)	7440-09-7	ug/L	--	--	--	--	--	--	--	--	--
Selenium	7782-49-2	ug/L	--	--	--	--	--	--	--	--	--
Silver	7440-22-4	ug/L	--	--	--	--	--	--	--	--	--
Sodium (Na)	7440-23-5	ug/L	--	--	--	--	--	--	--	--	--
Thallium	7440-28-0	ug/L	--	--	--	--	--	--	--	--	--
Vanadium	7440-62-2	ug/L	--	--	--	--	--	--	--	--	--
Zinc	7440-66-6	ug/L	--	--	--	--	--	--	--	--	--
Metals, Total											
Aluminum	7429-90-5	ug/L	190 J	193 J	780	732	717	347	322	446	459
Antimony	7440-36-0	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Arsenic	7440-38-2	ug/L	< 2.0 U	< 2.0 U	0.93 J	0.93 J	0.86 J	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Barium	7440-39-3	ug/L	13.3	28.2	11.2	12.9	12.5	28.9	25.6	25.8	22.5
Beryllium	7440-41-7	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	0.15 J	0.16 J

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD009	CH-SWSD010	CH-SWSD011	CH-SWSD012	CH-SWSD013	CH-SWSD014	CH-SWSD015	CH-SWSD016	CH-SWSD017
Sample ID		CH-SWSD009-SW01	CH-SWSD010-SW01	CH-SWSD011-SW01	CH-SWSD012-SW01	CH-SWSD013-SW01	CH-SWSD014-SW01	CH-SWSD015-SW01	CH-SWSD016-SW01	CH-SWSD017-SW01
Sample Date		6/9/2017	6/9/2017	6/10/2017	6/10/2017	6/10/2017	6/9/2017	6/9/2017	6/8/2017	6/8/2017
Sample Type Code		N	N	N	N	N	N	N	N	N
Parent Sample ID										
Chemical	CAS	Units								
Metals, Total Continued										
Cadmium	7440-43-9	ug/L	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	3240	2860	3120	3080	2990	6020	6190	2700
Chromium	7440-47-3	ug/L	0.87 J	0.79 J	1.2 J	1.9 J	1.8 J	1.1 J	1.0 J	0.68 J
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	0.79 J	< 2.0 U	0.73 J	1.5 J	1.3 J	0.96 J	0.87 J	< 2.0 U
Chromium(VI) (b)	18540-29-9	ug/L	—	—	—	—	—	—	—	—
Chromium(VI)	18540-29-9	ug/L	0.084 J	0.28	0.43	0.37	0.46	0.13 J	0.15 J	0.13
Cobalt	7440-48-4	ug/L	1.1	1.7	0.85 J	0.73 J	0.75 J	1.1	1.1	0.45 J
Copper	7440-50-8	ug/L	0.80 J	1.1 J	1.8 J	2.1 J	1.8 J	1.8 J	1.7 J	0.66 J
Iron (Fe)	7439-89-6	ug/L	1720	1590	1380	1340	1440	1310	1270	267
Lead	7439-92-1	ug/L	0.54 J	0.51 J	3.0	2.8	3.1	0.47 J	0.46 J	0.27 J
Magnesium (Mg)	7439-95-4	ug/L	3960	2640	3050	2890	2860	4200	4150	3000
Manganese (Mn)	7439-96-5	ug/L	157	63.6	57.2	54.9	56.4	90.4	87.1	26.3
Mercury	7439-97-6	ug/L	< 0.10 U	< 0.10 U	0.056 J	0.056 J	0.051 J	< 0.10 U	< 0.10 U	< 0.10 U
Nickel	7440-02-0	ug/L	0.92 J	1.4 J	1.3 J	1.4 J	1.6 J	1.5 J	1.3 J	< 2.0 U
Potassium (K)	7440-09-7	ug/L	1400	1310	1120	1080	1050	1210	1190	962
Selenium	7782-49-2	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Silver	7440-22-4	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	23100	21600	16500	16000	16100	52000	53000	28400
Thallium	7440-28-0	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Vanadium	7440-62-2	ug/L	0.76 J	0.71 J	2.7	2.6	2.8	0.86 J	0.81 J	0.82 J
Zinc	7440-66-6	ug/L	< 7.5 U	5.3 J	39.5	41.8	43.7	6.3 J	4.5 J	8.3 J
PCBs										
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	—
SVOCs, Dissolved										
1,4-Dichlorobenzene	106-46-7	ug/L	—	—	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	ug/L	—	—	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	ug/L	—	—	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	ug/L	—	—	—	—	—	—	—	—
2-Methylphenol	95-48-7	ug/L	—	—	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	ug/L	—	—	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	ug/L	—	—	—	—	—	—	—	—
4-Chloroaniline	106-47-8	ug/L	—	—	—	—	—	—	—	—
Acenaphthene	83-32-9	ug/L	—	—	—	—	—	—	—	—
Acenaphthylene	208-96-8	ug/L	—	—	—	—	—	—	—	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD009	CH-SWSD010	CH-SWSD011	CH-SWSD012	CH-SWSD013	CH-SWSD014	CH-SWSD015	CH-SWSD016	CH-SWSD017
Sample ID		CH-SWSD009-SW01	CH-SWSD010-SW01	CH-SWSD011-SW01	CH-SWSD012-SW01	CH-SWSD013-SW01	CH-SWSD014-SW01	CH-SWSD015-SW01	CH-SWSD016-SW01	CH-SWSD017-SW01
Sample Date		6/9/2017	6/9/2017	6/10/2017	6/10/2017	6/10/2017	6/9/2017	6/9/2017	6/8/2017	6/8/2017
Sample Type Code		N	N	N	N	N	N	N	N	N
Parent Sample ID										
Chemical	CAS	Units								
SVOCs, Dissolved Continued										
Anthracene	120-12-7	ug/L	—	—	—	—	—	—	—	—
Benzaldehyde	100-52-7	ug/L	—	—	—	—	—	—	—	—
Benzo(a)anthracene	56-55-3	ug/L	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	ug/L	—	—	—	—	—	—	—	—
Benzo(b)fluoranthene	205-99-2	ug/L	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	ug/L	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	ug/L	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	ug/L	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	ug/L	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	ug/L	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	ug/L	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	ug/L	—	—	—	—	—	—	—	—
Chrysene	218-01-9	ug/L	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	ug/L	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	ug/L	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	ug/L	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	ug/L	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	ug/L	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	ug/L	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	ug/L	—	—	—	—	—	—	—	—
Fluorene	86-73-7	ug/L	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	ug/L	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	ug/L	—	—	—	—	—	—	—	—
Pyrene	129-00-0	ug/L	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	ug/L	—	—	—	—	—	—	—	—
SVOCs, Total										
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U
1-Methylnaphthalene	90-12-0	ug/L	< 0.043 U	< 0.042 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	0.034 J
2-Chloronaphthalene	91-58-7	ug/L	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U
2-Methylnaphthalene	91-57-6	ug/L	< 0.043 U	< 0.042 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	0.041 J
2-Methylphenol	95-48-7	ug/L	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U
3,4-Methylphenol	108394/106445	ug/L	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U
4-Chloroaniline	106-47-8	ug/L	< 4.3 U	< 4.2 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.3 U	< 4.0 U	< 4.0 U
Acenaphthene	83-32-9	ug/L	< 0.043 U	< 0.042 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	0.097
Acenaphthylene	208-96-8	ug/L	< 0.043 U	< 0.042 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	< 0.040 U
Anthracene	120-12-7	ug/L	< 0.043 U	< 0.042 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	< 0.040 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID			CH-SWSD009	CH-SWSD010	CH-SWSD011	CH-SWSD012	CH-SWSD013	CH-SWSD014	CH-SWSD015	CH-SWSD016	CH-SWSD017
Sample ID			CH-SWSD009-SW01	CH-SWSD010-SW01	CH-SWSD011-SW01	CH-SWSD012-SW01	CH-SWSD013-SW01	CH-SWSD014-SW01	CH-SWSD015-SW01	CH-SWSD016-SW01	CH-SWSD017-SW01
Sample Date			6/9/2017	6/9/2017	6/10/2017	6/10/2017	6/10/2017	6/9/2017	6/9/2017	6/8/2017	6/8/2017
Sample Type Code			N	N	N	N	N	N	N	N	N
Parent Sample ID											
Chemical	CAS	Units									
SVOCs, Total Continued											
Benzaldehyde	100-52-7	ug/L	< 4.3 U	< 4.2 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.3 U	< 4.0 U	< 4.0 U
Benzo(a)anthracene	56-55-3	ug/L	0.013 J	< 0.042 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	< 0.040 U	< 0.040 U
Benzo(a)pyrene	50-32-8	ug/L	0.027 J	< 0.042 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	< 0.040 U	< 0.040 U
Benzo(b)fluoranthene	205-99-2	ug/L	0.032 J	< 0.042 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	< 0.040 U	< 0.040 U
Benzo(g,h,i)perylene	191-24-2	ug/L	0.019 J	< 0.042 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	< 0.040 U	< 0.040 U
Benzo(k)fluoranthene	207-08-9	ug/L	0.014 J	< 0.042 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	< 0.040 U	< 0.040 U
Benzoic acid	65-85-0	ug/L	< 16 U	< 16 U	< 15 U	< 15 U	< 15 U	< 15 U	< 16 U	< 15 U	< 15 U
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.3 U	< 4.2 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.3 U	< 4.0 U	< 4.0 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.3 U	< 4.2 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.3 U	< 4.0 U	< 4.0 U
Caprolactam	105-60-2	ug/L	< 16 U	< 16 U	< 15 U	< 15 U	< 15 U	< 15 U	< 16 U	< 15 U	< 15 U
CARBAZOLE	86-74-8	ug/L	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U
Chrysene	218-01-9	ug/L	0.012 J	< 0.042 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	< 0.040 U	0.012 J
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.043 U	< 0.042 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	< 0.040 U	< 0.040 U
Dibenzofuran	132-64-9	ug/L	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	< 4.3 U	< 4.2 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.3 U	< 4.0 U	< 4.0 U
Dimethyl phthalate	131-11-3	ug/L	< 4.3 U	< 4.2 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.3 U	< 4.0 U	< 4.0 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.3 U	< 4.2 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.3 U	< 4.0 U	< 4.0 U
Di-n-octyl phthalate	117-84-0	ug/L	< 4.3 U	< 4.2 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.3 U	< 4.0 U	< 4.0 U
Fluoranthene	206-44-0	ug/L	< 0.043 U	< 0.042 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	0.013 J	0.020 J
Fluorene	86-73-7	ug/L	< 0.043 U	< 0.042 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	0.050 J	0.048 J
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	0.020 J	< 0.042 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	< 0.040 U	< 0.040 U
Naphthalene	91-20-3	ug/L	< 0.064 U	< 0.063 U	< 0.060 U	< 0.060 U	< 0.060 U	< 0.062 U	< 0.064 U	0.13	0.080
Phenanthrene	85-01-8	ug/L	< 0.064 U	< 0.063 U	< 0.060 U	< 0.060 U	< 0.060 U	< 0.062 U	< 0.064 U	< 0.060 U	< 0.060 U
Pyrene	129-00-0	ug/L	< 0.043 U	< 0.042 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	< 0.040 U	0.014 J
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	0.039	< 0.097	< 0.092	< 0.092	< 0.092	< 0.095	< 0.099	< 0.092	0.092
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	0.18	< 0.38	< 0.36	< 0.36	< 0.36	< 0.37	< 0.39	< 0.36	0.12
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	< 0.43	< 0.42	< 0.40	< 0.40	< 0.40	< 0.41	< 0.43	0.44	0.40
Total PAHs Calculated	CALC-PAH	ug/L	0.35	< 0.80	< 0.76	< 0.76	< 0.76	< 0.78	< 0.82	0.65	0.57

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-SWSD018	CH-SWSD019	CH-SWSD020	CH-SWSD021	CH-SWSD022	CH-SWSD023	CH-SWSD024	CH-SWSD025	CH-SWSD026	
	Sample ID	CH-SWSD018-SW01	CH-SWSD019-SW01	CH-SWSD020-SW01	CH-SWSD021-SW01	CH-SWSD022-SW01	CH-SWSD023-SW01	CH-SWSD024-SW01	CH-SWSD025-SW01	CH-SWSD026-SW01	
	Sample Date	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/10/2017	6/10/2017	6/10/2017	
	Sample Type Code	N	N	N	N	N	N	N	N	N	
	Parent Sample ID										
Chemical	CAS	Units									
Field											
Dissolved Oxygen	DO	mg/L	7.14	7.17	7.18	7.06	7.44	5.87	6.47	5.74	5.50
Oxidation Reduction Potential	ORP	mV	223.4	279.1	266.0	291.8	316.7	337.7	143.7	175.1	201.8
pH	PH	PH	4.84	4.75	4.78	3.96	3.48	3.44	6.37	5.52	5.17
Specific Conductance	SC	ms/cm	0.215	0.193	0.191	0.216	0.271	0.272	0.196	0.194	0.193
Temperature	TEMP	deg C	13.87	15.23	15.32	14.31	13.09	13.60	17.78	16.73	17.05
Turbidity	TURB	NTU	0	1.5	0.6	0.2	2.9	1.6	1.8	0.6	0.9
General Chemistry, Dissolved											
Total hardness	HARDNESS	ug/L	--	--	--	--	--	--	--	--	--
General Chemistry, Total											
Total hardness	HARDNESS	ug/L	17400	16400	15900	16400	23000	22200	18400	18400	18700
Metals, Dissolved											
Aluminum	7429-90-5	ug/L	--	--	--	--	--	--	--	--	--
Antimony	7440-36-0	ug/L	--	--	--	--	--	--	--	--	--
Arsenic	7440-38-2	ug/L	--	--	--	--	--	--	--	--	--
Barium	7440-39-3	ug/L	--	--	--	--	--	--	--	--	--
Beryllium	7440-41-7	ug/L	--	--	--	--	--	--	--	--	--
Cadmium	7440-43-9	ug/L	--	--	--	--	--	--	--	--	--
Calcium (Ca)	7440-70-2	ug/L	--	--	--	--	--	--	--	--	--
Chromium	7440-47-3	ug/L	--	--	--	--	--	--	--	--	--
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	--	--	--	--	--	--	--	--	--
Chromium(VI) (b)	18540-29-9	ug/L	--	--	--	--	--	--	--	--	--
Chromium(VI)	18540-29-9	ug/L	--	--	--	--	--	--	--	--	--
Cobalt	7440-48-4	ug/L	--	--	--	--	--	--	--	--	--
Copper	7440-50-8	ug/L	--	--	--	--	--	--	--	--	--
Iron (Fe)	7439-89-6	ug/L	--	--	--	--	--	--	--	--	--
Lead	7439-92-1	ug/L	--	--	--	--	--	--	--	--	--
Magnesium (Mg)	7439-95-4	ug/L	--	--	--	--	--	--	--	--	--
Manganese (Mn)	7439-96-5	ug/L	--	--	--	--	--	--	--	--	--
Mercury	7439-97-6	ug/L	--	--	--	--	--	--	--	--	--
Nickel	7440-02-0	ug/L	--	--	--	--	--	--	--	--	--
Potassium (K)	7440-09-7	ug/L	--	--	--	--	--	--	--	--	--
Selenium	7782-49-2	ug/L	--	--	--	--	--	--	--	--	--
Silver	7440-22-4	ug/L	--	--	--	--	--	--	--	--	--
Sodium (Na)	7440-23-5	ug/L	--	--	--	--	--	--	--	--	--
Thallium	7440-28-0	ug/L	--	--	--	--	--	--	--	--	--
Vanadium	7440-62-2	ug/L	--	--	--	--	--	--	--	--	--
Zinc	7440-66-6	ug/L	--	--	--	--	--	--	--	--	--
Metals, Total											
Aluminum	7429-90-5	ug/L	450	478	436	470	745	624	636	621	756
Antimony	7440-36-0	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Arsenic	7440-38-2	ug/L	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Barium	7440-39-3	ug/L	24.0	27.5	27.9	25.2	22.6	24.4	37.5	36.2	43.2
Beryllium	7440-41-7	ug/L	0.16 J	0.19 J	0.21 J	0.16 J	0.11 J	< 0.25 U	< 0.25 U	0.13 J	0.13 J

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD018	CH-SWSD019	CH-SWSD020	CH-SWSD021	CH-SWSD022	CH-SWSD023	CH-SWSD024	CH-SWSD025	CH-SWSD026
Sample ID		CH-SWSD018-SW01	CH-SWSD019-SW01	CH-SWSD020-SW01	CH-SWSD021-SW01	CH-SWSD022-SW01	CH-SWSD023-SW01	CH-SWSD024-SW01	CH-SWSD025-SW01	CH-SWSD026-SW01
Sample Date		6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/10/2017	6/10/2017	6/10/2017
Sample Type Code		N	N	N	N	N	N	N	N	N
Parent Sample ID										
Chemical	CAS	Units								
Metals, Total Continued										
Cadmium	7440-43-9	ug/L	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	2400	2110	2150	1910	3030	2660	2770	2970
Chromium	7440-47-3	ug/L	0.66 J	0.63 J	0.71 J	0.76 J	1.4 J	1.3 J	1.1 J	1.2 J
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	0.59 J	< 2.0 U	0.88 J	1.0 J
Chromium(VI) (b)	18540-29-9	ug/L	—	—	—	—	—	—	—	—
Chromium(VI)	18540-29-9	ug/L	0.087	0.088	0.12	0.37	0.86	0.95	0.19 J	0.13 J
Cobalt	7440-48-4	ug/L	0.46 J	0.75 J	0.63 J	0.58 J	0.29 J	< 0.50 U	0.81 J	1.4
Copper	7440-50-8	ug/L	0.55 J	< 1.0 U	0.71 J	0.62 J	0.79 J	0.81 J	1.6 J	1.8 J
Iron (Fe)	7439-89-6	ug/L	265	166 J	200 J	208	275	178 J	779	922
Lead	7439-92-1	ug/L	0.23 J	0.14 J	0.16 J	0.19 J	0.28 J	0.23 J	0.42 J	0.51 J
Magnesium (Mg)	7439-95-4	ug/L	2780	2710	2560	2830	3750	3780	2790	2660
Manganese (Mn)	7439-96-5	ug/L	25.5	25.4	24.4	22.6	13.5	11.8	66.5	93.4
Mercury	7439-97-6	ug/L	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
Nickel	7440-02-0	ug/L	1.2 J	1.2 J	0.94 J	< 2.0 U	< 2.0 U	< 2.0 U	2.2 J	1.8 J
Potassium (K)	7440-09-7	ug/L	843	932	826	723	488	440	1920	1840
Selenium	7782-49-2	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Silver	7440-22-4	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	25800	24600	23100	21200	15500	15600	25100	24700
Thallium	7440-28-0	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Vanadium	7440-62-2	ug/L	0.80 J	0.79 J	1.0	1.5	2.6	2.6	1.3	1.4
Zinc	7440-66-6	ug/L	8.1 J	8.5 J	6.7 J	8.5 J	32.1	25.1 J	18.3 J	16.9 J
PCBs										
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	—
SVOCs, Dissolved										
1,4-Dichlorobenzene	106-46-7	ug/L	—	—	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	ug/L	—	—	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	ug/L	—	—	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	ug/L	—	—	—	—	—	—	—	—
2-Methylphenol	95-48-7	ug/L	—	—	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	ug/L	—	—	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	ug/L	—	—	—	—	—	—	—	—
4-Chloroaniline	106-47-8	ug/L	—	—	—	—	—	—	—	—
Acenaphthene	83-32-9	ug/L	—	—	—	—	—	—	—	—
Acenaphthylene	208-96-8	ug/L	—	—	—	—	—	—	—	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD018	CH-SWSD019	CH-SWSD020	CH-SWSD021	CH-SWSD022	CH-SWSD023	CH-SWSD024	CH-SWSD025	CH-SWSD026
Sample ID		CH-SWSD018-SW01	CH-SWSD019-SW01	CH-SWSD020-SW01	CH-SWSD021-SW01	CH-SWSD022-SW01	CH-SWSD023-SW01	CH-SWSD024-SW01	CH-SWSD025-SW01	CH-SWSD026-SW01
Sample Date		6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/10/2017	6/10/2017	6/10/2017
Sample Type Code		N	N	N	N	N	N	N	N	N
Parent Sample ID										
Chemical	CAS	Units								
SVOCs, Dissolved Continued										
Anthracene	120-12-7	ug/L	—	—	—	—	—	—	—	—
Benzaldehyde	100-52-7	ug/L	—	—	—	—	—	—	—	—
Benzo(a)anthracene	56-55-3	ug/L	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	ug/L	—	—	—	—	—	—	—	—
Benzo(b)fluoranthene	205-99-2	ug/L	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	ug/L	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	ug/L	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	ug/L	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	ug/L	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	ug/L	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	ug/L	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	ug/L	—	—	—	—	—	—	—	—
Chrysene	218-01-9	ug/L	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	ug/L	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	ug/L	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	ug/L	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	ug/L	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	ug/L	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	ug/L	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	ug/L	—	—	—	—	—	—	—	—
Fluorene	86-73-7	ug/L	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	ug/L	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	ug/L	—	—	—	—	—	—	—	—
Pyrene	129-00-0	ug/L	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	ug/L	—	—	—	—	—	—	—	—
SVOCs, Total										
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1-Methylnaphthalene	90-12-0	ug/L	0.029 J	0.016 J	0.014 J	0.027 J	< 0.041 U	< 0.040 U	0.011 J	0.016 J
2-Chloronaphthalene	91-58-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
2-Methylnaphthalene	91-57-6	ug/L	0.033 J	0.017 J	0.015 J	0.036 J	0.012 J	< 0.040 U	0.015 J	0.024 J
2-Methylphenol	95-48-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
3,4-Methylphenol	108394/106445	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
4-Chloroaniline	106-47-8	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.0 U
Acenaphthene	83-32-9	ug/L	0.071	0.045 J	0.035 J	0.057	< 0.041 U	< 0.040 U	0.026 J	0.030 J
Acenaphthylene	208-96-8	ug/L	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.040 U
Anthracene	120-12-7	ug/L	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.040 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD018	CH-SWSD019	CH-SWSD020	CH-SWSD021	CH-SWSD022	CH-SWSD023	CH-SWSD024	CH-SWSD025	CH-SWSD026
Sample ID		CH-SWSD018-SW01	CH-SWSD019-SW01	CH-SWSD020-SW01	CH-SWSD021-SW01	CH-SWSD022-SW01	CH-SWSD023-SW01	CH-SWSD024-SW01	CH-SWSD025-SW01	CH-SWSD026-SW01
Sample Date		6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/10/2017	6/10/2017	6/10/2017
Sample Type Code		N	N	N	N	N	N	N	N	N
Parent Sample ID										
Chemical	CAS	Units								
SVOCs, Total Continued										
Benzaldehyde	100-52-7	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.0 U
Benzo(a)anthracene	56-55-3	ug/L	< 0.040 U	< 0.041 U	< 0.041 U	0.014 J	< 0.041 U	< 0.040 U	< 0.040 U	0.024 J
Benzo(a)pyrene	50-32-8	ug/L	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	0.016 J
Benzo(b)fluoranthene	205-99-2	ug/L	< 0.040 U	0.011 J	0.012 J	0.025 J	0.017 J	< 0.040 U	0.013 J	< 0.040 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	0.019 J
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.040 U
Benzoic acid	65-85-0	ug/L	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.0 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.0 U
Caprolactam	105-60-2	ug/L	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U
CARBAZOLE	86-74-8	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Chrysene	218-01-9	ug/L	< 0.040 U	0.011 J	0.011 J	0.021 J	0.015 J	< 0.040 U	0.011 J	0.030 J
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	0.013 J
Dibenzofuran	132-64-9	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.0 U
Dimethyl phthalate	131-11-3	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.0 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.0 U
Di-n-octyl phthalate	117-84-0	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.0 U
Fluoranthene	206-44-0	ug/L	0.020 J	0.017 J	0.016 J	0.028 J	0.012 J	< 0.040 U	0.012 J	0.042 J
Fluorene	86-73-7	ug/L	0.038 J	0.019 J	0.014 J	0.024 J	< 0.041 U	< 0.040 U	< 0.040 U	0.017 J
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	0.018 J
Naphthalene	91-20-3	ug/L	0.076	< 0.061 U	< 0.061 U	0.058 J	< 0.061 U	< 0.061 U	0.055 J	0.059 J
Phenanthrene	85-01-8	ug/L	< 0.060 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.060 U	0.088
Pyrene	129-00-0	ug/L	0.012 J	0.011 J	0.012 J	0.021 J	< 0.041 U	< 0.040 U	0.011 J	0.040 J
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	< 0.092	0.0026	0.0029	0.0069	0.0040	< 0.092	0.0031	0.034
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	0.33	0.28	0.11	0.18	0.14	< 0.36	0.11	0.20
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	0.36	0.19	0.17	0.32	0.35	< 0.40	0.19	0.32
Total PAHs Calculated	CALC-PAH	ug/L	0.57	0.30	0.29	0.51	0.25	< 0.76	0.30	0.52

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-SWSD027	CH-SWSD028	CH-SWSD029	CH-SWSD030	CH-SWSD031	CH-SWSD031	CH-SWSD032	CH-SWSD032	CH-SWSD033	
	Sample ID	CH-SWSD027-SW01	CH-SWSD028-SW01	CH-SWSD029-SW01	CH-SWSD030-SW01	CH-SWSD031-SW01	CH-SWSD031-SW01-F	CH-SWSD032-SW01	CH-SWSD032-SW01-F	CH-SWSD033-SW01	
	Sample Date	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	
	Sample Type Code	N	N	N	N	N	N	N	N	N	
	Parent Sample ID										
Chemical	CAS	Units									
Field											
Dissolved Oxygen	DO	mg/L	2.57	4.16	3.5	3.03	5.55	—	6.15	—	6.40
Oxidation Reduction Potential	ORP	mV	282.0	224.8	213.3	198.6	69	—	137.1	—	128.0
pH	PH	PH	4.59	4.78	4.88	5.15	6.13	—	6.28	—	6.37
Specific Conductance	SC	ms/cm	0.137	0.133	0.132	0.133	0.155	—	0.153	—	0.152
Temperature	TEMP	deg C	14.33	14.31	15.14	16.38	11.72	—	11.72	—	11.99
Turbidity	TURB	NTU	1.8	0.9	0.5	0.3	103.1	—	13.8	—	125.4
General Chemistry, Dissolved											
Total hardness	HARDNESS	ug/L	—	—	—	—	—	21900	—	23000	—
General Chemistry, Total											
Total hardness	HARDNESS	ug/L	19200	22500	21400	22600	25200	—	31500	—	32800
Metals, Dissolved											
Aluminum	7429-90-5	ug/L	—	—	—	—	—	113 J	—	166 J	—
Antimony	7440-36-0	ug/L	—	—	—	—	—	< 1.0 U	—	< 1.0 U	—
Arsenic	7440-38-2	ug/L	—	—	—	—	—	< 2.0 U	—	< 2.0 U	—
Barium	7440-39-3	ug/L	—	—	—	—	—	9.1	—	11.6	—
Beryllium	7440-41-7	ug/L	—	—	—	—	—	< 0.25 U	—	< 0.25 U	—
Cadmium	7440-43-9	ug/L	—	—	—	—	—	< 0.50 U	—	< 0.50 U	—
Calcium (Ca)	7440-70-2	ug/L	—	—	—	—	—	4940	—	5230	—
Chromium	7440-47-3	ug/L	—	—	—	—	—	< 4.0 U	—	< 4.0 U	—
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	—	—	—	—	—	< 1 U	—	< 1 U	—
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	—	—	—	—	—	0.36 J	—	0.30 J	—
Copper	7440-50-8	ug/L	—	—	—	—	—	1.1 J	—	1.1 J	—
Iron (Fe)	7439-89-6	ug/L	—	—	—	—	—	357	—	251	—
Lead	7439-92-1	ug/L	—	—	—	—	—	0.16 J	—	0.19 J	—
Magnesium (Mg)	7439-95-4	ug/L	—	—	—	—	—	2330	—	2420	—
Manganese (Mn)	7439-96-5	ug/L	—	—	—	—	—	37.3	—	56.6	—
Mercury	7439-97-6	ug/L	—	—	—	—	—	< 0.10 U	—	< 0.10 U	—
Nickel	7440-02-0	ug/L	—	—	—	—	—	< 2.0 U	—	< 2.0 U	—
Potassium (K)	7440-09-7	ug/L	—	—	—	—	—	624	—	825	—
Selenium	7782-49-2	ug/L	—	—	—	—	—	< 1.0 U	—	< 1.0 U	—
Silver	7440-22-4	ug/L	—	—	—	—	—	< 0.25 U	—	< 0.25 U	—
Sodium (Na)	7440-23-5	ug/L	—	—	—	—	—	18200	—	17900	—
Thallium	7440-28-0	ug/L	—	—	—	—	—	< 0.25 U	—	< 0.25 U	—
Vanadium	7440-62-2	ug/L	—	—	—	—	—	0.61 J	—	1.0	—
Zinc	7440-66-6	ug/L	—	—	—	—	—	< 30.0 U	—	< 30.0 U	—
Metals, Total											
Aluminum	7429-90-5	ug/L	797	837	778	642	618	—	2660	—	3070
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 U	< 1.0 UJ	< 1.0 U	—	< 1.0 U	—	< 1.0 U
Arsenic	7440-38-2	ug/L	0.91 J	1.1 J	1.1 J	1.5 J	< 2.0 U	—	0.85 J	—	0.91 J
Barium	7440-39-3	ug/L	18.7	18.3	14.6	15.6	15.9	—	37.6	—	43.2
Beryllium	7440-41-7	ug/L	0.11 J	< 0.25 U	< 0.25 U	< 0.25 U	0.12 J	—	0.27 J	—	0.48 J

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD027	CH-SWSD028	CH-SWSD029	CH-SWSD030	CH-SWSD031	CH-SWSD031	CH-SWSD032	CH-SWSD032	CH-SWSD033
Sample ID		CH-SWSD027-SW01	CH-SWSD028-SW01	CH-SWSD029-SW01	CH-SWSD030-SW01	CH-SWSD031-SW01	CH-SWSD031-SW01-F	CH-SWSD032-SW01	CH-SWSD032-SW01-F	CH-SWSD033-SW01
Sample Date		6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017
Sample Type Code		N	N	N	N	N	N	N	N	N
Parent Sample ID										
Chemical	CAS	Units								
Metals, Total Continued										
Cadmium	7440-43-9	ug/L	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	—	< 0.50 U	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	3310	4130	4030	4050	5940	—	7830	8060
Chromium	7440-47-3	ug/L	1.6 J	1.3 J	1.5 J	1.6 J	< 4.0 U	—	4.4	4.7
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	1.1 J	0.91 J	1.1 J	1.1 J	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	—	—	—	—	< 1 U	—	1	1
Chromium(VI)	18540-29-9	ug/L	0.41	0.40	0.43	0.45	—	—	—	—
Cobalt	7440-48-4	ug/L	0.89 J	0.81 J	0.67 J	0.42 J	1.2	—	2.9	4.0
Copper	7440-50-8	ug/L	1.1 J	1.2 J	1.3 J	1.2 J	3.2 J	—	5.2	5.1
Iron (Fe)	7439-89-6	ug/L	1070	1320	1340	1650	1660	—	3200	4200
Lead	7439-92-1	ug/L	1.1 J	1.2 J	1.3 J	1.4 J	2.8	—	4.9	6.0
Magnesium (Mg)	7439-95-4	ug/L	2660	2960	2740	3040	2510	—	2910	3090
Manganese (Mn)	7439-96-5	ug/L	62.1	73.0	73.2 J	85.7	109	—	304	440
Mercury	7439-97-6	ug/L	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	—	0.067 J	0.058 J
Nickel	7440-02-0	ug/L	1.9 J	2.0 J	1.3 J	1.5 J	1.4 J	—	2.9 J	3.1 J
Potassium (K)	7440-09-7	ug/L	901	1060	1040	1130	697	—	1220	1440
Selenium	7782-49-2	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U	0.47 J
Silver	7440-22-4	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	—	< 0.25 U	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	15000	15600	14200	15300	18400	—	18400	18800
Thallium	7440-28-0	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	—	< 0.25 U	< 0.25 U
Vanadium	7440-62-2	ug/L	2.8	2.4	2.1	1.8	2.4	—	6.3	8.3
Zinc	7440-66-6	ug/L	25.5 J	27.8 J	31.2 J	27.8 J	< 30.0 U	—	< 51.7 U	< 31.5 U
PCBs										
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	—
SVOCs, Dissolved										
1,4-Dichlorobenzene	106-46-7	ug/L	—	—	—	—	—	< 1.0 U	—	< 1.0 U
1-Methylnaphthalene	90-12-0	ug/L	—	—	—	—	—	< 0.040 U	—	< 0.040 U
2-Chloronaphthalene	91-58-7	ug/L	—	—	—	—	—	< 1.0 U	—	< 1.0 U
2-Methylnaphthalene	91-57-6	ug/L	—	—	—	—	—	< 0.040 U	—	< 0.040 U
2-Methylphenol	95-48-7	ug/L	—	—	—	—	—	< 1.0 U	—	< 1.0 U
3,4-Methylphenol	108394/106445	ug/L	—	—	—	—	—	< 1.0 U	—	< 1.0 U
4-Chloro-3-methylphenol	59-50-7	ug/L	—	—	—	—	—	< 1.0 U	—	< 1.0 U
4-Chloroaniline	106-47-8	ug/L	—	—	—	—	—	< 4.0 U	—	< 4.0 U
Acenaphthene	83-32-9	ug/L	—	—	—	—	—	< 0.040 U	—	< 0.040 U
Acenaphthylene	208-96-8	ug/L	—	—	—	—	—	< 0.040 U	—	< 0.040 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

			Location ID	CH-SWSD027	CH-SWSD028	CH-SWSD029	CH-SWSD030	CH-SWSD031	CH-SWSD031	CH-SWSD032	CH-SWSD032	CH-SWSD033
			Sample ID	CH-SWSD027-SW01	CH-SWSD028-SW01	CH-SWSD029-SW01	CH-SWSD030-SW01	CH-SWSD031-SW01	CH-SWSD031-SW01-F	CH-SWSD032-SW01	CH-SWSD032-SW01-F	CH-SWSD033-SW01
			Sample Date	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017
			Sample Type Code	N	N	N	N	N	N	N	N	N
			Parent Sample ID									
Chemical	CAS	Units										
SVOCs, Dissolved Continued												
Anthracene	120-12-7	ug/L	—	—	—	—	—	—	< 0.040 U	—	< 0.040 U	—
Benzaldehyde	100-52-7	ug/L	—	—	—	—	—	—	< 4.0 U	—	< 4.0 U	—
Benzo(a)anthracene	56-55-3	ug/L	—	—	—	—	—	—	< 0.040 U	—	< 0.040 U	—
Benzo(a)pyrene	50-32-8	ug/L	—	—	—	—	—	—	< 0.040 U	—	< 0.040 U	—
Benzo(b)fluoranthene	205-99-2	ug/L	—	—	—	—	—	—	< 0.040 U	—	< 0.040 U	—
Benzo(g,h,i)perylene	191-24-2	ug/L	—	—	—	—	—	—	< 0.040 U	—	< 0.040 U	—
Benzo(k)fluoranthene	207-08-9	ug/L	—	—	—	—	—	—	< 0.040 U	—	< 0.040 U	—
Benzoic acid	65-85-0	ug/L	—	—	—	—	—	—	< 15 UJ	—	< 15 UJ	—
Biphenyl, 1,1'-	92-52-4	ug/L	—	—	—	—	—	—	< 1.0 U	—	< 1.0 U	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	—	—	—	—	—	< 4.0 U	—	< 4.0 U	—
Butyl benzyl phthalate	85-68-7	ug/L	—	—	—	—	—	—	< 4.0 U	—	< 4.0 U	—
Caprolactam	105-60-2	ug/L	—	—	—	—	—	—	< 15 U	—	< 15 U	—
CARBAZOLE	86-74-8	ug/L	—	—	—	—	—	—	< 1.0 U	—	< 1.0 U	—
Chrysene	218-01-9	ug/L	—	—	—	—	—	—	< 0.040 U	—	< 0.040 U	—
Dibenz(a,h)anthracene	53-70-3	ug/L	—	—	—	—	—	—	< 0.040 U	—	< 0.040 U	—
Dibenzofuran	132-64-9	ug/L	—	—	—	—	—	—	< 1.0 U	—	< 1.0 U	—
Diethyl phthalate	84-66-2	ug/L	—	—	—	—	—	—	< 4.0 U	—	< 4.0 U	—
Dimethyl phthalate	131-11-3	ug/L	—	—	—	—	—	—	< 4.0 U	—	< 4.0 U	—
Di-n-butyl phthalate	84-74-2	ug/L	—	—	—	—	—	—	< 4.0 U	—	< 4.0 U	—
Di-n-octyl phthalate	117-84-0	ug/L	—	—	—	—	—	—	< 4.0 U	—	< 4.0 U	—
Fluoranthene	206-44-0	ug/L	—	—	—	—	—	—	< 0.040 U	—	< 0.040 U	—
Fluorene	86-73-7	ug/L	—	—	—	—	—	—	< 0.040 U	—	< 0.040 U	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	—	—	—	—	—	< 0.040 U	—	< 0.040 U	—
Naphthalene	91-20-3	ug/L	—	—	—	—	—	—	0.093	—	< 0.060 U	—
Phenanthrene	85-01-8	ug/L	—	—	—	—	—	—	< 0.060 U	—	< 0.060 U	—
Pyrene	129-00-0	ug/L	—	—	—	—	—	—	< 0.040 U	—	< 0.040 U	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	—	—	—	—	—	< 0.092	—	< 0.092	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	—	—	—	—	—	< 0.36	—	< 0.36	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	—	—	—	—	—	0.43	—	< 0.40	—
Total PAHs Calculated	CALC-PAH	ug/L	—	—	—	—	—	—	0.79	—	< 0.76	—
SVOCs, Total												
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	—	< 1.0 U	—	< 1.0 U
1-Methylnaphthalene	90-12-0	ug/L	< 0.040 U	< 0.040 U	0.014 J	0.011 J	< 0.045 U	—	< 0.041 U	—	< 0.041 U	< 0.041 U
2-Chloronaphthalene	91-58-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U
2-Methylnaphthalene	91-57-6	ug/L	< 0.040 U	0.011 J	0.020 J	< 0.050 U	< 0.045 U	—	< 0.041 U	—	< 0.041 U	< 0.041 U
2-Methylphenol	95-48-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U
3,4-Methylphenol	108394/106445	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U
4-Chloroaniline	106-47-8	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.5 U	—	< 4.1 U	—	< 4.1 U	< 4.1 U
Acenaphthene	83-32-9	ug/L	0.016 J	0.013 J	0.014 J	0.011 J	0.016 J	—	< 0.041 U	—	0.021 J	0.021 J
Acenaphthylene	208-96-8	ug/L	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	0.013 J	—	< 0.041 U	—	0.020 J	0.020 J
Anthracene	120-12-7	ug/L	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	0.018 J	—	< 0.041 U	—	0.026 J	0.026 J

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID			CH-SWSD027	CH-SWSD028	CH-SWSD029	CH-SWSD030	CH-SWSD031	CH-SWSD031	CH-SWSD032	CH-SWSD032	CH-SWSD033
Sample ID			CH-SWSD027-SW01	CH-SWSD028-SW01	CH-SWSD029-SW01	CH-SWSD030-SW01	CH-SWSD031-SW01	CH-SWSD031-SW01-F	CH-SWSD032-SW01	CH-SWSD032-SW01-F	CH-SWSD033-SW01
Sample Date			6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017
Sample Type Code			N	N	N	N	N	N	N	N	N
Parent Sample ID											
Chemical	CAS	Units									
SVOCs, Total Continued											
Benzaldehyde	100-52-7	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.5 U	—	< 4.1 U	—	< 4.1 U
Benzo(a)anthracene	56-55-3	ug/L	< 0.040 U	< 0.040 U	0.013 J	0.023 J	0.11	—	0.036 J	—	0.14
Benzo(a)pyrene	50-32-8	ug/L	< 0.040 U	< 0.040 U	< 0.041 U	0.040 J	0.099	—	0.041 J	—	0.14
Benzo(b)fluoranthene	205-99-2	ug/L	0.019 J	0.018 J	0.024 J	0.098 J+	0.22	—	0.091	—	0.30
Benzo(g,h,i)perylene	191-24-2	ug/L	0.012 J	< 0.040 U	< 0.041 U	0.057 J+	0.054 J	—	0.023 J	—	0.078
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.040 U	< 0.040 U	0.011 J	0.043 J	0.082	—	0.033 J	—	0.12
Benzoic acid	65-85-0	ug/L	< 15 U	< 15 U	< 15 U	< 15 U	< 17 UJ	—	< 15 UJ	—	< 15 UJ
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	—	< 1.0 U	—	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.5 U	—	< 4.1 U	—	< 4.1 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.5 U	—	< 4.1 U	—	< 4.1 U
Caprolactam	105-60-2	ug/L	< 15 U	< 15 U	< 15 U	< 15 U	< 17 U	—	< 15 U	—	< 15 U
CARBAZOLE	86-74-8	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	—	< 1.0 U	—	< 1.0 U
Chrysene	218-01-9	ug/L	0.022 J	0.021 J	0.026 J	0.060 J+	0.19	—	0.061	—	0.28
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.040 U	< 0.040 U	< 0.041 U	0.012 J	0.015 J	—	< 0.041 U	—	0.020 J
Dibenzofuran	132-64-9	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	—	< 1.0 U	—	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.5 U	—	< 4.1 U	—	< 4.1 U
Dimethyl phthalate	131-11-3	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.5 U	—	< 4.1 U	—	< 4.1 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.5 U	—	< 4.1 U	—	< 4.1 U
Di-n-octyl phthalate	117-84-0	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.5 U	—	< 4.1 U	—	< 4.1 U
Fluoranthene	206-44-0	ug/L	0.020 J	0.018 J	0.025 J	0.040 J	0.27	—	0.084	—	0.45
Fluorene	86-73-7	ug/L	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.045 U	—	< 0.041 U	—	0.015 J
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	< 0.040 U	< 0.040 U	< 0.041 U	0.047 J	0.059	—	0.026 J	—	0.085
Naphthalene	91-20-3	ug/L	< 0.060 U	< 0.060 U	< 0.061 U	< 0.060 U	0.042 J	—	< 0.061 U	—	0.036 J
Phenanthrene	85-01-8	ug/L	< 0.060 U	< 0.060 U	< 0.061 U	< 0.060 U	0.077	—	< 0.061 U	—	0.12
Pyrene	129-00-0	ug/L	0.015 J	0.014 J	0.022 J	0.033 J	0.21	—	0.065	—	0.33
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	0.0045	0.0043	0.0067	0.069	0.15	—	0.060	—	0.21
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	0.15	0.16	0.17	0.41	1.0	—	0.41	—	1.5
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	0.16	0.13	0.16	0.14	0.50	—	0.45	—	0.74
Total PAHs Calculated	CALC-PAH	ug/L	0.31	0.28	0.34	0.61	1.5	—	0.73	—	2.2

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

	Location ID		CH-SWSD033	CH-SWSD034	CH-SWSD035	CH-SWSD035	CH-SWSD035	CH-SWSD035	CH-SWSD036	CH-SWSD037	CH-SWSD038
	Sample ID	Sample Date	CH-SWSD033-SW01-F	CH-SWSD034-SW01	CH-SWSD035-SW01	CH-SWSD035-SW01D	CH-SWSD035-SW01D-F	CH-SWSD035-SW01-F	CH-SWSD036-SW01	CH-SWSD037-SW01	CH-SWSD038-SW01
	Sample Type Code	Parent Sample ID	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017
	CAS	Units	N	N	N	FD	FD	N	N	N	N
						CH-SWSD035-SW01	CH-SWSD035-SW01-F				
Chemical	CAS	Units									
Field											
Dissolved Oxygen	DO	mg/L	—	6.24	5.76	—	—	—	3.89	3.96	3.82
Oxidation Reduction Potential	ORP	mV	—	142.4	145.5	—	—	—	77.7	104.5	109.6
pH	PH	PH	—	6.45	6.42	—	—	—	6.29	6.03	6.04
Specific Conductance	SC	ms/cm	—	0.154	0.152	—	—	—	0.160	0.159	0.159
Temperature	TEMP	deg C	—	11.95	12.26	—	—	—	12.32	12.56	12.57
Turbidity	TURB	NTU	—	7.3	13.5	—	—	—	1.6	7.0	1.5
General Chemistry, Dissolved											
Total hardness	HARDNESS	ug/L	24700	—	—	—	24700	23300	—	—	—
General Chemistry, Total											
Total hardness	HARDNESS	ug/L	—	25100	28200	29800	—	—	27000	23100	23800
Metals, Dissolved											
Aluminum	7429-90-5	ug/L	249	—	—	—	228	235	—	—	—
Antimony	7440-36-0	ug/L	< 1.0 U	—	—	—	< 1.0 U	< 1.0 U	—	—	—
Arsenic	7440-38-2	ug/L	< 2.0 U	—	—	—	< 2.0 U	< 2.0 U	—	—	—
Barium	7440-39-3	ug/L	13.7	—	—	—	14.3	14.8	—	—	—
Beryllium	7440-41-7	ug/L	< 0.25 U	—	—	—	< 0.25 U	< 0.25 U	—	—	—
Cadmium	7440-43-9	ug/L	< 0.50 U	—	—	—	< 0.50 U	< 0.50 U	—	—	—
Calcium (Ca)	7440-70-2	ug/L	5870	—	—	—	5700	5200	—	—	—
Chromium	7440-47-3	ug/L	< 4.0 U	—	—	—	1.4 J	1.3 J	—	—	—
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	< 1 U	—	—	—	0.4 J	0.4 J	—	—	—
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	0.74 J	—	—	—	0.68 J	0.60 J	—	—	—
Copper	7440-50-8	ug/L	1.2 J	—	—	—	1.0 J	1.3 J	—	—	—
Iron (Fe)	7439-89-6	ug/L	337	—	—	—	444	438	—	—	—
Lead	7439-92-1	ug/L	0.26 J	—	—	—	0.33 J	0.39 J	—	—	—
Magnesium (Mg)	7439-95-4	ug/L	2430	—	—	—	2540	2510	—	—	—
Manganese (Mn)	7439-96-5	ug/L	125	—	—	—	112 J	76.2 J	—	—	—
Mercury	7439-97-6	ug/L	< 0.10 U	—	—	—	< 0.10 U	< 0.10 U	—	—	—
Nickel	7440-02-0	ug/L	0.96 J	—	—	—	< 2.0 UJ	1.0 J	—	—	—
Potassium (K)	7440-09-7	ug/L	1100	—	—	—	1530	1580	—	—	—
Selenium	7782-49-2	ug/L	< 1.0 U	—	—	—	< 1.0 U	< 1.0 U	—	—	—
Silver	7440-22-4	ug/L	< 0.25 U	—	—	—	< 0.25 U	< 0.25 U	—	—	—
Sodium (Na)	7440-23-5	ug/L	18000	—	—	—	16400	16100	—	—	—
Thallium	7440-28-0	ug/L	< 0.25 U	—	—	—	< 0.25 U	< 0.25 U	—	—	—
Vanadium	7440-62-2	ug/L	1.4	—	—	—	1.2	1.4	—	—	—
Zinc	7440-66-6	ug/L	< 30.0 U	—	—	—	< 7.5 U	< 7.5 U	—	—	—
Metals, Total											
Aluminum	7429-90-5	ug/L	—	373	571 J	833 J	—	—	259	247	257
Antimony	7440-36-0	ug/L	—	< 1.0 U	< 1.0 U	< 1.0 U	—	—	< 1.0 U	< 1.0 U	< 1.0 U
Arsenic	7440-38-2	ug/L	—	< 2.0 U	< 2.0 U	< 2.0 U	—	—	< 2.0 U	< 2.0 U	< 2.0 U
Barium	7440-39-3	ug/L	—	12.5	17.9	22.9	—	—	15.0	16.2	17.6
Beryllium	7440-41-7	ug/L	—	< 0.25 U	< 0.25 UJ	0.13 J	—	—	< 0.25 U	0.11 J	< 0.25 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD033	CH-SWSD034	CH-SWSD035	CH-SWSD035	CH-SWSD035	CH-SWSD035	CH-SWSD036	CH-SWSD037	CH-SWSD038
Sample ID		CH-SWSD033-SW01-F	CH-SWSD034-SW01	CH-SWSD035-SW01	CH-SWSD035-SW01D	CH-SWSD035-SW01D-F	CH-SWSD035-SW01-F	CH-SWSD036-SW01	CH-SWSD037-SW01	CH-SWSD038-SW01
Sample Date		6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017
Sample Type Code		N	N	N	FD	FD	N	N	N	N
Parent Sample ID					CH-SWSD035-SW01	CH-SWSD035-SW01-F				
Chemical	CAS	Units								
Metals, Total Continued										
Cadmium	7440-43-9	ug/L	—	< 0.50 U	< 0.50 U	< 0.50 U	—	—	< 0.50 U	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	—	5910	6770	7280	—	—	6070	4440
Chromium	7440-47-3	ug/L	—	< 4.0 U	< 4.0 U	< 4.0 U	—	—	< 4.0 U	< 4.0 U
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	—	< 1 U	< 1 U	< 1 U	—	—	< 1 U	< 1 U
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	—	0.46 J	0.62 J	1.1 J	—	—	0.50 J	0.45 J
Copper	7440-50-8	ug/L	—	1.2 J	1.8 J	2.1 J	—	—	1.2 J	0.79 J
Iron (Fe)	7439-89-6	ug/L	—	486	1030	1360	—	—	698	715
Lead	7439-92-1	ug/L	—	0.51 J	0.89 J	1.3 J	—	—	0.32 J	0.32 J
Magnesium (Mg)	7439-95-4	ug/L	—	2520	2750	2830	—	—	2890	2910
Manganese (Mn)	7439-96-5	ug/L	—	48.8	87.8 J	125 J	—	—	57.7	47.8
Mercury	7439-97-6	ug/L	—	< 0.10 U	< 0.10 U	< 0.10 U	—	—	< 0.10 U	< 0.10 U
Nickel	7440-02-0	ug/L	—	< 2.0 U	1.3 J	1.2 J	—	—	1.2 J	1.2 J
Potassium (K)	7440-09-7	ug/L	—	1340	1790	1820	—	—	1290	1040
Selenium	7782-49-2	ug/L	—	< 1.0 U	< 1.0 U	< 1.0 U	—	—	< 1.0 U	< 1.0 U
Silver	7440-22-4	ug/L	—	< 0.25 U	< 0.25 U	< 0.25 U	—	—	< 0.25 U	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	—	17200	17600	17700	—	—	18100	18200
Thallium	7440-28-0	ug/L	—	< 0.25 U	< 0.25 U	< 0.25 U	—	—	< 0.25 U	< 0.25 U
Vanadium	7440-62-2	ug/L	—	1.7	2.4	3.0	—	—	1.7	1.5
Zinc	7440-66-6	ug/L	—	< 30.0 U	< 36.1 U	< 41.8 U	—	—	< 30.0 U	< 30.0 U
PCBs										
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	—
SVOCs, Dissolved										
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.0 U	—	—	—	< 1.0 U	< 1.0 U	—	—
1-Methylnaphthalene	90-12-0	ug/L	< 0.040 U	—	—	—	0.011 J	< 0.041 UJ	—	—
2-Chloronaphthalene	91-58-7	ug/L	< 1.0 U	—	—	—	< 1.0 U	< 1.0 U	—	—
2-Methylnaphthalene	91-57-6	ug/L	< 0.040 U	—	—	—	< 0.040 U	< 0.041 U	—	—
2-Methylphenol	95-48-7	ug/L	< 1.0 U	—	—	—	< 1.0 U	< 1.0 U	—	—
3,4-Methylphenol	108394/106445	ug/L	< 1.0 U	—	—	—	< 1.0 U	< 1.0 U	—	—
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.0 U	—	—	—	< 1.0 U	< 1.0 U	—	—
4-Chloroaniline	106-47-8	ug/L	< 4.0 U	—	—	—	< 4.0 U	< 4.1 U	—	—
Acenaphthene	83-32-9	ug/L	< 0.040 U	—	—	—	0.019 J	< 0.041 UJ	—	—
Acenaphthylene	208-96-8	ug/L	< 0.040 U	—	—	—	< 0.040 U	< 0.041 U	—	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Chemical	CAS	Units	Location ID	CH-SWSD033	CH-SWSD034	CH-SWSD035	CH-SWSD035	CH-SWSD035	CH-SWSD035	CH-SWSD036	CH-SWSD037	CH-SWSD038
			Sample ID	CH-SWSD033-SW01-F	CH-SWSD034-SW01	CH-SWSD035-SW01	CH-SWSD035-SW01D	CH-SWSD035-SW01D-F	CH-SWSD035-SW01-F	CH-SWSD036-SW01	CH-SWSD037-SW01	CH-SWSD038-SW01
Sample Date	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017
Sample Type Code	N	N	N	FD	FD	N	N	N	N	N	N	N
Parent Sample ID	CH-SWSD035-SW01	CH-SWSD035-SW01-F										
SVOCs, Dissolved Continued												
Anthracene	120-12-7	ug/L	< 0.040 U	—	—	—	< 0.040 U	< 0.041 U	—	—	—	—
Benzaldehyde	100-52-7	ug/L	< 4.0 U	—	—	—	< 4.0 U	< 4.1 U	—	—	—	—
Benzo(a)anthracene	56-55-3	ug/L	< 0.040 U	—	—	—	< 0.040 UJ	0.015 J	—	—	—	—
Benzo(a)pyrene	50-32-8	ug/L	< 0.040 U	—	—	—	< 0.040 UJ	0.016 J	—	—	—	—
Benzo(b)fluoranthene	205-99-2	ug/L	< 0.040 U	—	—	—	0.011 J	0.031 J	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	ug/L	< 0.040 U	—	—	—	< 0.040 U	< 0.041 U	—	—	—	—
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.040 U	—	—	—	< 0.040 UJ	0.015 J	—	—	—	—
Benzoic acid	65-85-0	ug/L	< 15 UJ	—	—	—	< 15 U	< 15 U	—	—	—	—
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.0 U	—	—	—	< 1.0 U	< 1.0 U	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.0 U	—	—	—	< 4.0 U	< 4.1 U	—	—	—	—
Butyl benzyl phthalate	85-68-7	ug/L	< 4.0 U	—	—	—	< 4.0 U	< 4.1 U	—	—	—	—
Caprolactam	105-60-2	ug/L	< 15 U	—	—	—	< 15 U	< 15 U	—	—	—	—
CARBAZOLE	86-74-8	ug/L	< 1.0 U	—	—	—	< 1.0 U	< 1.0 U	—	—	—	—
Chrysene	218-01-9	ug/L	< 0.040 U	—	—	—	< 0.040 UJ	0.025 J	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.040 U	—	—	—	< 0.040 U	< 0.041 U	—	—	—	—
Dibenzofuran	132-64-9	ug/L	< 1.0 U	—	—	—	< 1.0 U	< 1.0 U	—	—	—	—
Diethyl phthalate	84-66-2	ug/L	< 4.0 U	—	—	—	< 4.0 U	< 4.1 U	—	—	—	—
Dimethyl phthalate	131-11-3	ug/L	< 4.0 U	—	—	—	< 4.0 U	< 4.1 U	—	—	—	—
Di-n-butyl phthalate	84-74-2	ug/L	< 4.0 U	—	—	—	< 4.0 U	< 4.1 U	—	—	—	—
Di-n-octyl phthalate	117-84-0	ug/L	< 4.0 U	—	—	—	< 4.0 U	< 4.1 U	—	—	—	—
Fluoranthene	206-44-0	ug/L	< 0.040 U	—	—	—	< 0.040 UJ	0.032 J	—	—	—	—
Fluorene	86-73-7	ug/L	< 0.040 U	—	—	—	< 0.040 U	< 0.041 U	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	< 0.040 U	—	—	—	< 0.040 U	< 0.041 U	—	—	—	—
Naphthalene	91-20-3	ug/L	< 0.060 U	—	—	—	0.062 J	0.045 J	—	—	—	—
Phenanthrene	85-01-8	ug/L	< 0.060 U	—	—	—	< 0.060 U	< 0.061 U	—	—	—	—
Pyrene	129-00-0	ug/L	< 0.040 U	—	—	—	< 0.040 UJ	0.028 J	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	< 0.092	—	—	—	0.090	0.026	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	< 0.36	—	—	—	0.33	0.20	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	< 0.40	—	—	—	0.18	0.30	—	—	—	—
Total PAHs Calculated	CALC-PAH	ug/L	< 0.76	—	—	—	0.30	0.44	—	—	—	—
SVOCs, Total												
1,4-Dichlorobenzene	106-46-7	ug/L	—	< 1.0 U	< 1.0 U	< 1.0 UJ	—	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1-Methylnaphthalene	90-12-0	ug/L	—	< 0.041 U	0.012 J	< 0.041 UJ	—	—	0.052	0.036 J	0.017 J	0.017 J
2-Chloronaphthalene	91-58-7	ug/L	—	< 1.0 U	< 1.0 U	< 1.0 UJ	—	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
2-Methylnaphthalene	91-57-6	ug/L	—	< 0.041 U	0.011 J	< 0.041 UJ	—	—	0.038 J	0.029 J	0.016 J	0.016 J
2-Methylphenol	95-48-7	ug/L	—	< 1.0 U	< 1.0 U	< 1.0 U	—	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
3,4-Methylphenol	108394/106445	ug/L	—	< 1.0 U	< 1.0 U	< 1.0 UJ	—	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
4-Chloro-3-methylphenol	59-50-7	ug/L	—	< 1.0 U	< 1.0 U	< 1.0 UJ	—	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
4-Chloroaniline	106-47-8	ug/L	—	< 4.1 U	< 4.1 U	< 4.1 U	—	—	< 4.1 U	< 4.0 U	< 4.0 U	< 4.0 U
Acenaphthene	83-32-9	ug/L	—	0.011 J	0.035 J	0.024 J	—	—	0.21	0.13	0.065	0.065
Acenaphthylene	208-96-8	ug/L	—	< 0.041 U	< 0.041 U	< 0.041 U	—	—	< 0.041 U	< 0.040 U	< 0.040 U	< 0.040 U
Anthracene	120-12-7	ug/L	—	< 0.041 U	< 0.041 U	< 0.041 U	—	—	< 0.041 U	< 0.040 U	< 0.040 U	< 0.040 U

Notes provided on the last page of table.

Appendix B2 Table 12
 Analytical Data Summary Tables - Phase III Surface Water
 Camp Hero Remedial Investigation
 Montauk, New York

Location ID	CH-SWSD033	CH-SWSD034	CH-SWSD035	CH-SWSD035	CH-SWSD035	CH-SWSD035	CH-SWSD036	CH-SWSD037	CH-SWSD038	
Sample ID	CH-SWSD033-SW01-F	CH-SWSD034-SW01	CH-SWSD035-SW01	CH-SWSD035-SW01D	CH-SWSD035-SW01D-F	CH-SWSD035-SW01-F	CH-SWSD036-SW01	CH-SWSD037-SW01	CH-SWSD038-SW01	
Sample Date	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	
Sample Type Code	N	N	N	FD	FD	N	N	N	N	
Parent Sample ID				CH-SWSD035-SW01	CH-SWSD035-SW01-F					
Chemical	CAS	Units								
SVOCs, Total Continued										
Benzaldehyde	100-52-7	ug/L	—	< 4.1 U	< 4.1 U	< 4.1 UJ	—	—	< 4.1 U	< 4.0 U
Benzo(a)anthracene	56-55-3	ug/L	—	0.013 J	0.017 J	0.015 J	—	—	< 0.041 U	< 0.040 U
Benzo(a)pyrene	50-32-8	ug/L	—	0.011 J	0.015 J	0.014 J	—	—	< 0.041 U	< 0.040 U
Benzo(b)fluoranthene	205-99-2	ug/L	—	0.028 J	0.039 J	0.031 J	—	—	< 0.041 U	< 0.040 U
Benzo(g,h,i)perylene	191-24-2	ug/L	—	< 0.041 U	0.011 J	< 0.041 UJ	—	—	< 0.041 U	< 0.040 U
Benzo(k)fluoranthene	207-08-9	ug/L	—	0.011 J	0.014 J	0.014 J	—	—	< 0.041 U	< 0.040 U
Benzoic acid	65-85-0	ug/L	—	< 15 UJ	< 16 UJ	< 15 UJ	—	—	< 15 UJ	< 15 UJ
Biphenyl, 1,1'-	92-52-4	ug/L	—	< 1.0 U	< 1.0 U	< 1.0 U	—	—	< 1.0 U	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	< 4.1 U	< 4.1 U	< 4.1 UJ	—	—	< 4.1 U	< 4.0 U
Butyl benzyl phthalate	85-68-7	ug/L	—	< 4.1 U	< 4.1 U	< 4.1 UJ	—	—	< 4.1 U	< 4.0 U
Caprolactam	105-60-2	ug/L	—	< 15 U	< 16 U	< 15 UJ	—	—	< 15 U	< 15 U
CARBAZOLE	86-74-8	ug/L	—	< 1.0 U	< 1.0 U	< 1.0 UJ	—	—	< 1.0 U	< 1.0 U
Chrysene	218-01-9	ug/L	—	0.019 J	0.035 J	0.023 J	—	—	< 0.041 U	< 0.040 U
Dibenz(a,h)anthracene	53-70-3	ug/L	—	< 0.041 U	< 0.041 U	< 0.041 U	—	—	< 0.041 U	< 0.040 U
Dibenzofuran	132-64-9	ug/L	—	< 1.0 U	< 1.0 U	< 1.0 UJ	—	—	< 1.0 U	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	—	< 4.1 U	< 4.1 U	< 4.1 UJ	—	—	< 4.1 U	< 4.0 U
Dimethyl phthalate	131-11-3	ug/L	—	< 4.1 U	< 4.1 U	< 4.1 UJ	—	—	< 4.1 U	< 4.0 U
Di-n-butyl phthalate	84-74-2	ug/L	—	< 4.1 U	< 4.1 U	< 4.1 UJ	—	—	< 4.1 U	< 4.0 U
Di-n-octyl phthalate	117-84-0	ug/L	—	< 4.1 U	< 4.1 U	< 4.1 UJ	—	—	< 4.1 U	< 4.0 U
Fluoranthene	206-44-0	ug/L	—	0.025 J	0.033 J	0.025 J	—	—	0.024 J	0.017 J
Fluorene	86-73-7	ug/L	—	< 0.041 U	0.013 J	0.011 J	—	—	0.095	0.057
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	< 0.041 U	0.012 J	< 0.041 UJ	—	—	< 0.041 U	< 0.040 U
Naphthalene	91-20-3	ug/L	—	0.037 J	0.060 J	< 0.061 UJ	—	—	0.25	0.17
Phenanthrene	85-01-8	ug/L	—	< 0.061 U	< 0.062 U	< 0.061 U	—	—	0.037 J	< 0.061 U
Pyrene	129-00-0	ug/L	—	0.020 J	0.028 J	0.021 J	—	—	0.015 J	0.011 J
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	0.019	0.026	0.023	—	—	< 0.095	< 0.092
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	0.15	0.19	0.18	—	—	0.34	0.33
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	0.22	0.23	0.18	—	—	0.77	0.53
Total PAHs Calculated	CALC-PAH	ug/L	—	0.35	0.42	0.36	—	—	1.0	0.71

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD039	CH-SWSD040	CH-SWSD040	CH-SWSD041	CH-SWSD042	CH-SWSD043	CH-SWSD044	CH-SWSD045	CH-SWSD045
		Sample ID	CH-SWSD039-SW01	CH-SWSD040-SW01	CH-SWSD040-SW01D	CH-SWSD041-SW01	CH-SWSD042-SW01	CH-SWSD043-SW01	CH-SWSD044-SW01	CH-SWSD045-SW01	CH-SWSD045-SW01D
		Sample Date	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017
		Sample Type Code	N	N	FD	N	N	N	N	N	FD
		Parent Sample ID			CH-SWSD040-SW01						CH-SWSD045-SW01
Chemical	CAS	Units									
Field											
Dissolved Oxygen	DO	mg/L	3.65	2.92	—	2.58	2.57	2.58	3.19	3.44	—
Oxidation Reduction Potential	ORP	mV	115.8	104.3	—	89.9	88.1	104.2	77.2	89.4	—
pH	PH	PH	6.05	5.97	—	5.94	5.93	5.93	5.99	5.96	—
Specific Conductance	SC	ms/cm	0.157	0.155	—	0.155	0.155	0.155	0.156	0.155	—
Temperature	TEMP	deg C	12.55	12.66	—	12.74	12.8	12.83	12.92	12.85	—
Turbidity	TURB	NTU	2.0	1.4	—	1.0	2.2	1.6	1.7	2.7	—
General Chemistry, Dissolved											
Total hardness	HARDNESS	ug/L	—	—	—	—	—	—	—	—	—
General Chemistry, Total											
Total hardness	HARDNESS	ug/L	23300	22100	22900	22600	22300	22400	22700	22400	21800
Metals, Dissolved											
Aluminum	7429-90-5	ug/L	—	—	—	—	—	—	—	—	—
Antimony	7440-36-0	ug/L	—	—	—	—	—	—	—	—	—
Arsenic	7440-38-2	ug/L	—	—	—	—	—	—	—	—	—
Barium	7440-39-3	ug/L	—	—	—	—	—	—	—	—	—
Beryllium	7440-41-7	ug/L	—	—	—	—	—	—	—	—	—
Cadmium	7440-43-9	ug/L	—	—	—	—	—	—	—	—	—
Calcium (Ca)	7440-70-2	ug/L	—	—	—	—	—	—	—	—	—
Chromium	7440-47-3	ug/L	—	—	—	—	—	—	—	—	—
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	—	—	—	—	—	—	—	—	—
Copper	7440-50-8	ug/L	—	—	—	—	—	—	—	—	—
Iron (Fe)	7439-89-6	ug/L	—	—	—	—	—	—	—	—	—
Lead	7439-92-1	ug/L	—	—	—	—	—	—	—	—	—
Magnesium (Mg)	7439-95-4	ug/L	—	—	—	—	—	—	—	—	—
Manganese (Mn)	7439-96-5	ug/L	—	—	—	—	—	—	—	—	—
Mercury	7439-97-6	ug/L	—	—	—	—	—	—	—	—	—
Nickel	7440-02-0	ug/L	—	—	—	—	—	—	—	—	—
Potassium (K)	7440-09-7	ug/L	—	—	—	—	—	—	—	—	—
Selenium	7782-49-2	ug/L	—	—	—	—	—	—	—	—	—
Silver	7440-22-4	ug/L	—	—	—	—	—	—	—	—	—
Sodium (Na)	7440-23-5	ug/L	—	—	—	—	—	—	—	—	—
Thallium	7440-28-0	ug/L	—	—	—	—	—	—	—	—	—
Vanadium	7440-62-2	ug/L	—	—	—	—	—	—	—	—	—
Zinc	7440-66-6	ug/L	—	—	—	—	—	—	—	—	—
Metals, Total											
Aluminum	7429-90-5	ug/L	242	285	280	297	290	255	293	280	282
Antimony	7440-36-0	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Arsenic	7440-38-2	ug/L	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Barium	7440-39-3	ug/L	14.0	16.6	15.9	14.6	16.1	16.8	17.9	15.9	17.0
Beryllium	7440-41-7	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD039	CH-SWSD040	CH-SWSD040	CH-SWSD041	CH-SWSD042	CH-SWSD043	CH-SWSD044	CH-SWSD045	CH-SWSD045
Sample ID		CH-SWSD039-SW01	CH-SWSD040-SW01	CH-SWSD040-SW01D	CH-SWSD041-SW01	CH-SWSD042-SW01	CH-SWSD043-SW01	CH-SWSD044-SW01	CH-SWSD045-SW01	CH-SWSD045-SW01D
Sample Date		6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017
Sample Type Code		N	N	FD	N	N	N	N	N	FD
Parent Sample ID				CH-SWSD040-SW01						CH-SWSD045-SW01
Chemical	CAS	Units								
Metals, Total Continued										
Cadmium	7440-43-9	ug/L	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	4400	4110	4310	4230	3990 J-	4140	4110	4330
Chromium	7440-47-3	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	0.92 J	1.2 J	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	< 1 U	—	—	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chromium(VI)	18540-29-9	ug/L	—	0.31	0.25	—	—	—	—	—
Cobalt	7440-48-4	ug/L	0.37 J	0.34 J	0.44 J	0.33 J	0.47 J	0.45 J	0.69 J	0.45 J
Copper	7440-50-8	ug/L	0.80 J	0.82 J	0.86 J	0.79 J	0.86 J	0.80 J	0.75 J	0.97 J
Iron (Fe)	7439-89-6	ug/L	580	664	668	760	875	832	989	855
Lead	7439-92-1	ug/L	0.17 J	0.21 J	0.21 J	0.19 J	0.20 J	0.21 J	0.26 J	0.22 J
Magnesium (Mg)	7439-95-4	ug/L	3000	2870	2940	2920	2990	2930	3010	2810
Manganese (Mn)	7439-96-5	ug/L	34.2	33.2	34.9	33.9	47.1	43.2	75.4	44.2
Mercury	7439-97-6	ug/L	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
Nickel	7440-02-0	ug/L	0.88 J	1.1 J	1.2 J	1.0 J	0.90 J	1.3 J	1.2 J	1.3 J
Potassium (K)	7440-09-7	ug/L	1140	1200	1210	1220	1220	1230	1200	1130
Selenium	7782-49-2	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Silver	7440-22-4	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	18400	18400	18800	18300	18800	18500	18400	17600
Thallium	7440-28-0	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Vanadium	7440-62-2	ug/L	1.2	1.3	1.0	1.1	1.2	1.3	1.3	1.2
Zinc	7440-66-6	ug/L	< 7.5 U	< 30.0 U	< 30.0 U	< 30.0 U	< 30.0 U	< 30.0 U	< 30.0 U	5.3 J
PCBs										
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	—
SVOCs, Dissolved										
1,4-Dichlorobenzene	106-46-7	ug/L	—	—	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	ug/L	—	—	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	ug/L	—	—	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	ug/L	—	—	—	—	—	—	—	—
2-Methylphenol	95-48-7	ug/L	—	—	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	ug/L	—	—	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	ug/L	—	—	—	—	—	—	—	—
4-Chloroaniline	106-47-8	ug/L	—	—	—	—	—	—	—	—
Acenaphthene	83-32-9	ug/L	—	—	—	—	—	—	—	—
Acenaphthylene	208-96-8	ug/L	—	—	—	—	—	—	—	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-SWSD039	CH-SWSD040	CH-SWSD040	CH-SWSD041	CH-SWSD042	CH-SWSD043	CH-SWSD044	CH-SWSD045	CH-SWSD045
	Sample ID	CH-SWSD039-SW01	CH-SWSD040-SW01	CH-SWSD040-SW01D	CH-SWSD041-SW01	CH-SWSD042-SW01	CH-SWSD043-SW01	CH-SWSD044-SW01	CH-SWSD045-SW01	CH-SWSD045-SW01D
	Sample Date	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017
	Sample Type Code	N	N	FD	N	N	N	N	N	FD
	Parent Sample ID			CH-SWSD040-SW01						CH-SWSD045-SW01
Chemical	CAS	Units								
SVOCs, Dissolved Continued										
Anthracene	120-12-7	ug/L	—	—	—	—	—	—	—	—
Benzaldehyde	100-52-7	ug/L	—	—	—	—	—	—	—	—
Benzo(a)anthracene	56-55-3	ug/L	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	ug/L	—	—	—	—	—	—	—	—
Benzo(b)fluoranthene	205-99-2	ug/L	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	ug/L	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	ug/L	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	ug/L	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	ug/L	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	ug/L	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	ug/L	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	ug/L	—	—	—	—	—	—	—	—
Chrysene	218-01-9	ug/L	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	ug/L	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	ug/L	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	ug/L	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	ug/L	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	ug/L	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	ug/L	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	ug/L	—	—	—	—	—	—	—	—
Fluorene	86-73-7	ug/L	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	ug/L	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	ug/L	—	—	—	—	—	—	—	—
Pyrene	129-00-0	ug/L	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	ug/L	—	—	—	—	—	—	—	—
SVOCs, Total										
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1-Methylnaphthalene	90-12-0	ug/L	0.016 J	0.014 J	0.013 J	0.016 J	0.020 J	< 0.041 U	0.011 J	< 0.040 U
2-Chloronaphthalene	91-58-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
2-Methylnaphthalene	91-57-6	ug/L	0.016 J	0.017 J	0.014 J	0.020 J	0.025 J	0.011 J	0.013 J	0.012 J
2-Methylphenol	95-48-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
3,4-Methylphenol	108394/106445	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
4-Chloroaniline	106-47-8	ug/L	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.0 U
Acenaphthene	83-32-9	ug/L	0.036 J	0.027 J	0.024 J	0.033 J	0.051 J	0.022 J	0.018 J	0.015 J
Acenaphthylene	208-96-8	ug/L	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.040 U
Anthracene	120-12-7	ug/L	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.040 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD039	CH-SWSD040	CH-SWSD040	CH-SWSD041	CH-SWSD042	CH-SWSD043	CH-SWSD044	CH-SWSD045	CH-SWSD045
Sample ID		CH-SWSD039-SW01	CH-SWSD040-SW01	CH-SWSD040-SW01D	CH-SWSD041-SW01	CH-SWSD042-SW01	CH-SWSD043-SW01	CH-SWSD044-SW01	CH-SWSD045-SW01	CH-SWSD045-SW01D
Sample Date		6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017
Sample Type Code		N	N	FD	N	N	N	N	N	FD
Parent Sample ID				CH-SWSD040-SW01						CH-SWSD045-SW01
Chemical	CAS	Units								
SVOCs, Total Continued										
Benzaldehyde	100-52-7	ug/L	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.0 U
Benzo(a)anthracene	56-55-3	ug/L	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.040 U
Benzo(a)pyrene	50-32-8	ug/L	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.040 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	0.013 J	< 0.041 U	< 0.041 U	< 0.040 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.040 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.040 U
Benzoic acid	65-85-0	ug/L	< 15 UJ	< 15 UJ	< 15 UJ	< 15 UJ	< 15 UJ	< 15 UJ	< 15 UJ	< 15 UJ
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.0 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.0 U
Caprolactam	105-60-2	ug/L	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U
CARBAZOLE	86-74-8	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Chrysene	218-01-9	ug/L	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.040 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.040 U
Dibenzofuran	132-64-9	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.0 U
Dimethyl phthalate	131-11-3	ug/L	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.0 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.0 U
Di-n-octyl phthalate	117-84-0	ug/L	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.0 U
Fluoranthene	206-44-0	ug/L	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	0.016 J	< 0.041 U	< 0.041 U	< 0.040 U
Fluorene	86-73-7	ug/L	0.017 J	0.013 J	0.010 J	0.014 J	0.018 J	< 0.041 U	< 0.041 U	< 0.040 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.040 U
Naphthalene	91-20-3	ug/L	0.066	0.083	0.076	0.097	0.13	0.047 J	0.041 J	0.048 J
Phenanthrene	85-01-8	ug/L	< 0.061 U	< 0.061 U	< 0.060 U	< 0.061 U	< 0.062 U	< 0.061 U	< 0.061 U	< 0.061 U
Pyrene	129-00-0	ug/L	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	0.016 J	< 0.041 U	< 0.041 U	< 0.040 U
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	< 0.092	< 0.095	< 0.092	< 0.092	0.092	< 0.095	< 0.095	< 0.092
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	< 0.36	< 0.37	< 0.36	< 0.36	0.13	< 0.37	< 0.37	< 0.36
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	0.24	0.23	0.20	0.26	0.32	0.18	0.16	0.16
Total PAHs Calculated	CALC-PAH	ug/L	0.43	0.39	0.33	0.45	0.47	0.33	0.28	0.28

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID			CH-SWSD046	CH-SWSD047	CH-SWSD048	CH-SWSD049	CH-SWSD050	CH-SWSD051	CH-SWSD052	CH-SWSD053	CH-SWSD054
Sample ID			CH-SWSD046-SW01	CH-SWSD047-SW01	CH-SWSD048-SW01	CH-SWSD049-SW01	CH-SWSD050-SW01	CH-SWSD051-SW01	CH-SWSD052-SW01	CH-SWSD053-SW01	CH-SWSD054-SW01
Sample Date			6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017
Sample Type Code			N	N	N	N	N	N	N	N	N
Parent Sample ID											
Chemical	CAS	Units									
Field											
Dissolved Oxygen	DO	mg/L	8.06	7.71	8.16	7.60	7.00	7.22	6.95	6.39	6.99
Oxidation Reduction Potential	ORP	mV	119.9	124.7	94.6	102.9	102.4	45.3	96.5	100.4	88.4
pH	PH	PH	6.38	6.30	6.31	6.23	6.23	6.25	6.20	6.30	7.34
Specific Conductance	SC	ms/cm	0.153	0.137	0.150	0.145	0.147	0.146	0.146	0.148	0.48
Temperature	TEMP	deg C	14.91	15.70	15.13	14.97	15.22	15.15	14.63	14.96	14.16
Turbidity	TURB	NTU	1.4	8.7	4.6	5.0	4.9	4.9	4.4	4.9	4.9
General Chemistry, Dissolved											
Total hardness	HARDNESS	ug/L	--	--	--	--	--	--	--	--	--
General Chemistry, Total											
Total hardness	HARDNESS	ug/L	29300	24300	27800	24800	26800	26000	25700	25000	26300
Metals, Dissolved											
Aluminum	7429-90-5	ug/L	--	--	--	--	--	--	--	--	--
Antimony	7440-36-0	ug/L	--	--	--	--	--	--	--	--	--
Arsenic	7440-38-2	ug/L	--	--	--	--	--	--	--	--	--
Barium	7440-39-3	ug/L	--	--	--	--	--	--	--	--	--
Beryllium	7440-41-7	ug/L	--	--	--	--	--	--	--	--	--
Cadmium	7440-43-9	ug/L	--	--	--	--	--	--	--	--	--
Calcium (Ca)	7440-70-2	ug/L	--	--	--	--	--	--	--	--	--
Chromium	7440-47-3	ug/L	--	--	--	--	--	--	--	--	--
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	--	--	--	--	--	--	--	--	--
Chromium(VI) (b)	18540-29-9	ug/L	--	--	--	--	--	--	--	--	--
Chromium(VI)	18540-29-9	ug/L	--	--	--	--	--	--	--	--	--
Cobalt	7440-48-4	ug/L	--	--	--	--	--	--	--	--	--
Copper	7440-50-8	ug/L	--	--	--	--	--	--	--	--	--
Iron (Fe)	7439-89-6	ug/L	--	--	--	--	--	--	--	--	--
Lead	7439-92-1	ug/L	--	--	--	--	--	--	--	--	--
Magnesium (Mg)	7439-95-4	ug/L	--	--	--	--	--	--	--	--	--
Manganese (Mn)	7439-96-5	ug/L	--	--	--	--	--	--	--	--	--
Mercury	7439-97-6	ug/L	--	--	--	--	--	--	--	--	--
Nickel	7440-02-0	ug/L	--	--	--	--	--	--	--	--	--
Potassium (K)	7440-09-7	ug/L	--	--	--	--	--	--	--	--	--
Selenium	7782-49-2	ug/L	--	--	--	--	--	--	--	--	--
Silver	7440-22-4	ug/L	--	--	--	--	--	--	--	--	--
Sodium (Na)	7440-23-5	ug/L	--	--	--	--	--	--	--	--	--
Thallium	7440-28-0	ug/L	--	--	--	--	--	--	--	--	--
Vanadium	7440-62-2	ug/L	--	--	--	--	--	--	--	--	--
Zinc	7440-66-6	ug/L	--	--	--	--	--	--	--	--	--
Metals, Total											
Aluminum	7429-90-5	ug/L	79.6 J	206	130 J	226	206	206	220	195 J	239
Antimony	7440-36-0	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Arsenic	7440-38-2	ug/L	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Barium	7440-39-3	ug/L	9.5	11.2	11.6	13.0	12.0	11.9	13.3	13.3	12.0
Beryllium	7440-41-7	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD046	CH-SWSD047	CH-SWSD048	CH-SWSD049	CH-SWSD050	CH-SWSD051	CH-SWSD052	CH-SWSD053	CH-SWSD054
Sample ID		CH-SWSD046-SW01	CH-SWSD047-SW01	CH-SWSD048-SW01	CH-SWSD049-SW01	CH-SWSD050-SW01	CH-SWSD051-SW01	CH-SWSD052-SW01	CH-SWSD053-SW01	CH-SWSD054-SW01
Sample Date		6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017
Sample Type Code		N	N	N	N	N	N	N	N	N
Parent Sample ID										
Chemical	CAS	Units								
Metals, Total Continued										
Cadmium	7440-43-9	ug/L	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	5830	5050	5650	4910	5410	5280	5180	4940
Chromium	7440-47-3	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	0.90 J	< 4.0 U	< 4.0 U	< 4.0 U	0.99 J
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	0.82 J	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	< 1 U	< 1 U	< 1 U	0.3 J	—	< 1 U	< 1 U	0.3 J
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	0.17 J	—	—	—
Cobalt	7440-48-4	ug/L	< 0.50 U	0.33 J	0.51 J	0.61 J	0.60 J	0.52 J	0.51 J	0.55 J
Copper	7440-50-8	ug/L	0.86 J	2.1 J	1.4 J	1.0 J	1.5 J	1.2 J	1.2 J	1.3 J
Iron (Fe)	7439-89-6	ug/L	368	1240	1070	1080	1030	1420	1090	1090
Lead	7439-92-1	ug/L	0.24 J	0.31 J	0.23 J	0.32 J	0.27 J	0.30 J	0.30 J	0.29 J
Magnesium (Mg)	7439-95-4	ug/L	3580	2840	3320	3040	3230	3110	3100	3080
Manganese (Mn)	7439-96-5	ug/L	17.8	52.2	79.9	101	83.4	87.3	78.1	73.2
Mercury	7439-97-6	ug/L	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
Nickel	7440-02-0	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 2.0 U	< 4.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Potassium (K)	7440-09-7	ug/L	1350	1700	1440	1360	1400	1380	1430	1370
Selenium	7782-49-2	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Silver	7440-22-4	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	19300	17500	18700	17300	18700	17400	17500	17300
Thallium	7440-28-0	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Vanadium	7440-62-2	ug/L	0.65 J	1.0	0.76 J	0.69 J	0.91 J	1.2	0.75 J	1.0
Zinc	7440-66-6	ug/L	< 7.5 U	7.2 J	8.5 J	29.9 J	4.9 J	< 30.0 U	< 30.0 U	23.6 J
PCBs										
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	—
SVOCs, Dissolved										
1,4-Dichlorobenzene	106-46-7	ug/L	—	—	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	ug/L	—	—	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	ug/L	—	—	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	ug/L	—	—	—	—	—	—	—	—
2-Methylphenol	95-48-7	ug/L	—	—	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	ug/L	—	—	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	ug/L	—	—	—	—	—	—	—	—
4-Chloroaniline	106-47-8	ug/L	—	—	—	—	—	—	—	—
Acenaphthene	83-32-9	ug/L	—	—	—	—	—	—	—	—
Acenaphthylene	208-96-8	ug/L	—	—	—	—	—	—	—	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD046	CH-SWSD047	CH-SWSD048	CH-SWSD049	CH-SWSD050	CH-SWSD051	CH-SWSD052	CH-SWSD053	CH-SWSD054
Sample ID		CH-SWSD046-SW01	CH-SWSD047-SW01	CH-SWSD048-SW01	CH-SWSD049-SW01	CH-SWSD050-SW01	CH-SWSD051-SW01	CH-SWSD052-SW01	CH-SWSD053-SW01	CH-SWSD054-SW01
Sample Date		6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017
Sample Type Code		N	N	N	N	N	N	N	N	N
Parent Sample ID										
Chemical	CAS	Units								
SVOCs, Dissolved Continued										
Anthracene	120-12-7	ug/L	—	—	—	—	—	—	—	—
Benzaldehyde	100-52-7	ug/L	—	—	—	—	—	—	—	—
Benzo(a)anthracene	56-55-3	ug/L	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	ug/L	—	—	—	—	—	—	—	—
Benzo(b)fluoranthene	205-99-2	ug/L	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	ug/L	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	ug/L	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	ug/L	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	ug/L	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	ug/L	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	ug/L	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	ug/L	—	—	—	—	—	—	—	—
Chrysene	218-01-9	ug/L	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	ug/L	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	ug/L	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	ug/L	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	ug/L	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	ug/L	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	ug/L	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	ug/L	—	—	—	—	—	—	—	—
Fluorene	86-73-7	ug/L	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	ug/L	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	ug/L	—	—	—	—	—	—	—	—
Pyrene	129-00-0	ug/L	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	ug/L	—	—	—	—	—	—	—	—
SVOCs, Total										
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.1 U	< 1.0 U
1-Methylnaphthalene	90-12-0	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	0.014 J	0.021 J	< 0.040 U	0.018 J	0.012 J
2-Chloronaphthalene	91-58-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.1 U	< 1.0 U
2-Methylnaphthalene	91-57-6	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	0.016 J	0.025 J	< 0.040 U	0.021 J	0.015 J
2-Methylphenol	95-48-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.1 U	< 1.0 U
3,4-Methylphenol	108394/106445	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.1 U	< 1.0 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.1 U	< 1.0 U
4-Chloroaniline	106-47-8	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.2 U	< 4.0 U	< 4.3 U	< 4.0 U
Acenaphthene	83-32-9	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	0.038 J	0.035 J	0.019 J	0.035 J	0.025 J
Acenaphthylene	208-96-8	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.042 U	< 0.040 U	< 0.043 U	< 0.040 U
Anthracene	120-12-7	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.042 U	< 0.040 U	< 0.043 U	< 0.040 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD046	CH-SWSD047	CH-SWSD048	CH-SWSD049	CH-SWSD050	CH-SWSD051	CH-SWSD052	CH-SWSD053	CH-SWSD054	
Sample ID		CH-SWSD046-SW01	CH-SWSD047-SW01	CH-SWSD048-SW01	CH-SWSD049-SW01	CH-SWSD050-SW01	CH-SWSD051-SW01	CH-SWSD052-SW01	CH-SWSD053-SW01	CH-SWSD054-SW01	
Sample Date		6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	
Sample Type Code		N	N	N	N	N	N	N	N	N	
Parent Sample ID											
Chemical	CAS	Units									
SVOCs, Total Continued											
Benzaldehyde	100-52-7	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.2 U	< 4.0 U	< 4.3 U	< 4.0 U	< 4.1 U
Benzo(a)anthracene	56-55-3	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.042 U	< 0.040 U	< 0.043 U	< 0.040 U	< 0.041 U
Benzo(a)pyrene	50-32-8	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.042 U	< 0.040 U	< 0.043 U	< 0.040 U	< 0.041 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 0.040 U	0.021 J	< 0.040 U	< 0.041 U	< 0.042 U	< 0.040 U	< 0.043 U	< 0.040 U	< 0.041 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 0.040 U	0.014 J	< 0.040 U	< 0.041 U	< 0.042 U	< 0.040 U	< 0.043 U	< 0.040 U	< 0.041 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.040 U	0.017 J	< 0.040 U	< 0.041 U	< 0.042 U	< 0.040 U	< 0.043 U	< 0.040 U	< 0.041 U
Benzoic acid	65-85-0	ug/L	< 15 U	< 15 U	< 15 U	< 15 U	< 16 U	< 15 U	< 16 U	< 15 U	< 15 U
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.2 U	< 4.0 U	< 4.3 U	< 4.0 U	< 4.1 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.2 U	< 4.0 U	< 4.3 U	< 4.0 U	< 4.1 U
Caprolactam	105-60-2	ug/L	< 15 U	< 15 U	< 15 U	< 15 U	< 16 U	< 15 U	< 16 U	< 15 U	< 15 U
CARBAZOLE	86-74-8	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U
Chrysene	218-01-9	ug/L	< 0.040 U	0.016 J	< 0.040 U	< 0.041 U	< 0.042 U	< 0.040 U	< 0.043 U	< 0.040 U	< 0.041 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.040 U	0.013 J	< 0.040 U	< 0.041 U	< 0.042 U	< 0.040 U	< 0.043 U	< 0.040 U	< 0.041 U
Dibenzofuran	132-64-9	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.2 U	< 4.0 U	< 4.3 U	< 4.0 U	< 4.1 U
Dimethyl phthalate	131-11-3	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.2 U	< 4.0 U	< 4.3 U	< 4.0 U	< 4.1 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.2 U	< 4.0 U	< 4.3 U	< 4.0 U	< 4.1 U
Di-n-octyl phthalate	117-84-0	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.2 U	< 4.0 U	< 4.3 U	< 4.0 U	< 4.1 U
Fluoranthene	206-44-0	ug/L	< 0.040 U	0.029 J	< 0.040 U	< 0.041 U	0.011 J	< 0.040 U	< 0.043 U	< 0.040 U	< 0.041 U
Fluorene	86-73-7	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	0.020 J	0.022 J	0.011 J	0.018 J	< 0.040 U	0.011 J
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	< 0.040 U	0.015 J	< 0.040 U	< 0.041 U	< 0.042 U	< 0.040 U	< 0.043 U	< 0.040 U	< 0.041 U
Naphthalene	91-20-3	ug/L	< 0.060 U	< 0.060 U	< 0.060 U	0.079	0.10	0.048 J	0.092	0.075	0.077
Phenanthrene	85-01-8	ug/L	< 0.060 U	< 0.060 U	< 0.060 U	< 0.062 U	< 0.063 U	< 0.060 U	< 0.064 U	< 0.060 U	< 0.062 U
Pyrene	129-00-0	ug/L	< 0.040 U	0.017 J	< 0.040 U	< 0.041 U	0.012 J	< 0.040 U	< 0.043 U	< 0.040 U	< 0.041 U
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	< 0.092	0.021	< 0.092	< 0.095	< 0.097	< 0.092	< 0.099	< 0.092	< 0.095
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	< 0.36	0.14	< 0.36	< 0.37	0.35	< 0.36	< 0.39	< 0.36	< 0.37
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	< 0.40	0.39	< 0.40	0.25	0.28	0.17	0.28	0.21	0.21
Total PAHs Calculated	CALC-PAH	ug/L	< 0.76	0.32	< 0.76	0.45	0.46	0.30	0.48	0.37	0.36

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD055 CH-SWSD055-SW01 6/3/2017 N	CH-SWSD055 CH-SWSD055-SW01D 6/3/2017 FD CH-SWSD055-SW01	CH-SWSD056 CH-SWSD056-SW01 6/2/2017 N	CH-SWSD057 CH-SWSD057-SW01 6/2/2017 N	CH-SWSD058 CH-SWSD058-SW01 6/2/2017 N	CH-SWSD059 CH-SWSD059-SW01 6/2/2017 N	CH-SWSD060 CH-SWSD060-SW01 6/2/2017 N	CH-SWSD060 CH-SWSD060-SW01D 6/2/2017 FD CH-SWSD060-SW01	CH-SWSD061 CH-SWSD061-SW01 6/2/2017 N
Chemical	CAS	Units									
Field											
Dissolved Oxygen	DO	mg/L	6.88	—	6.39	7.41	6.68	7.29	6.38	—	7.13
Oxidation Reduction Potential	ORP	mV	76.4	—	176.7	174.8	180.5	184.1	194.2	—	199.5
pH	PH	PH	7.48	—	5.71	5.76	5.73	5.74	5.70	—	5.71
Specific Conductance	SC	ms/cm	0.148	—	0.141	0.141	0.141	0.138	0.141	—	0.139
Temperature	TEMP	deg C	14.40	—	15.69	15.78	15.52	16.01	16.04	—	16.83
Turbidity	TURB	NTU	5.3	—	3.6	5.1	3.4	4.5	2.7	—	9.9
General Chemistry, Dissolved											
Total hardness	HARDNESS	ug/L	—	—	—	—	—	—	—	—	—
General Chemistry, Total											
Total hardness	HARDNESS	ug/L	24900	25000	23500	23500	23500	23200	24400	23900	22200
Metals, Dissolved											
Aluminum	7429-90-5	ug/L	—	—	—	—	—	—	—	—	—
Antimony	7440-36-0	ug/L	—	—	—	—	—	—	—	—	—
Arsenic	7440-38-2	ug/L	—	—	—	—	—	—	—	—	—
Barium	7440-39-3	ug/L	—	—	—	—	—	—	—	—	—
Beryllium	7440-41-7	ug/L	—	—	—	—	—	—	—	—	—
Cadmium	7440-43-9	ug/L	—	—	—	—	—	—	—	—	—
Calcium (Ca)	7440-70-2	ug/L	—	—	—	—	—	—	—	—	—
Chromium	7440-47-3	ug/L	—	—	—	—	—	—	—	—	—
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	—	—	—	—	—	—	—	—	—
Copper	7440-50-8	ug/L	—	—	—	—	—	—	—	—	—
Iron (Fe)	7439-89-6	ug/L	—	—	—	—	—	—	—	—	—
Lead	7439-92-1	ug/L	—	—	—	—	—	—	—	—	—
Magnesium (Mg)	7439-95-4	ug/L	—	—	—	—	—	—	—	—	—
Manganese (Mn)	7439-96-5	ug/L	—	—	—	—	—	—	—	—	—
Mercury	7439-97-6	ug/L	—	—	—	—	—	—	—	—	—
Nickel	7440-02-0	ug/L	—	—	—	—	—	—	—	—	—
Potassium (K)	7440-09-7	ug/L	—	—	—	—	—	—	—	—	—
Selenium	7782-49-2	ug/L	—	—	—	—	—	—	—	—	—
Silver	7440-22-4	ug/L	—	—	—	—	—	—	—	—	—
Sodium (Na)	7440-23-5	ug/L	—	—	—	—	—	—	—	—	—
Thallium	7440-28-0	ug/L	—	—	—	—	—	—	—	—	—
Vanadium	7440-62-2	ug/L	—	—	—	—	—	—	—	—	—
Zinc	7440-66-6	ug/L	—	—	—	—	—	—	—	—	—
Metals, Total											
Aluminum	7429-90-5	ug/L	204	240	464	407	415	394	997 J	606 J	448
Antimony	7440-36-0	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Arsenic	7440-38-2	ug/L	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	0.97 J	< 2.0 U	0.98 J	< 2.0 UJ	< 2.0 U
Barium	7440-39-3	ug/L	13.1	12.1	19.9	19.0	19.8	20.1	25.0	25.0	19.7
Beryllium	7440-41-7	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	0.50 J	< 0.25 U	0.16 J	0.30 J	< 0.25 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-SWSD055	CH-SWSD055	CH-SWSD056	CH-SWSD057	CH-SWSD058	CH-SWSD059	CH-SWSD060	CH-SWSD060	CH-SWSD061
	Sample ID	CH-SWSD055-SW01	CH-SWSD055-SW01D	CH-SWSD056-SW01	CH-SWSD057-SW01	CH-SWSD058-SW01	CH-SWSD059-SW01	CH-SWSD060-SW01	CH-SWSD060-SW01D	CH-SWSD061-SW01
	Sample Date	6/3/2017	6/3/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017
	Sample Type Code	N	FD	N	N	N	N	N	FD	N
	Parent Sample ID		CH-SWSD055-SW01						CH-SWSD060-SW01	
Chemical	CAS	Units								
Metals, Total Continued										
Cadmium	7440-43-9	ug/L	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	4880	5010	4870	5030	4930	5000	5180	4980
Chromium	7440-47-3	ug/L	0.84 J	0.91 J	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	< 4.0 U	< 4.0 U
Chromium(VI) (b)	18540-29-9	ug/L	0.3 J	0.3 J	< 1 U	< 1 U	< 1 U	< 1 U	—	—
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	0.19	0.22
Cobalt	7440-48-4	ug/L	0.60 J	0.51 J	0.60 J	0.53 J	0.94 J	0.56 J	1.1 J	0.78 J
Copper	7440-50-8	ug/L	1.1 J	0.97 J	2.2 J	1.9 J	2.4 J	2.0 J	3.1 J	2.7 J
Iron (Fe)	7439-89-6	ug/L	1040	1020	1280	802	806	871	3980 J	1670 J
Lead	7439-92-1	ug/L	0.26 J	0.25 J	2.1	1.4 J	1.7 J	1.4 J	7.8 J	3.4 J
Magnesium (Mg)	7439-95-4	ug/L	3080	3040	2760	2650	2710	2590	2790	2780
Manganese (Mn)	7439-96-5	ug/L	65.5	63.0	52.2	42.9	42.3	44.7	106	54.5
Mercury	7439-97-6	ug/L	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
Nickel	7440-02-0	ug/L	< 2.0 U	< 2.0 U	1.1 J	1.0 J	1.2 J	1.1 J	1.5 J	1.3 J
Potassium (K)	7440-09-7	ug/L	1400	1340	1290	1220	1200	1170	1260	1270
Selenium	7782-49-2	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Silver	7440-22-4	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	17500	17200	17900	17400	17700	17000	17600	18000
Thallium	7440-28-0	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	0.35 J	< 0.25 U	< 0.25 UJ	0.19 J
Vanadium	7440-62-2	ug/L	0.95 J	0.92 J	1.4	1.1	0.98 J	1.2	4.8	2.0
Zinc	7440-66-6	ug/L	5.6 J	14.2 J	< 30.0 U	< 30.0 U	< 30.0 U	< 30.0 U	< 30.0 U	< 30.0 U
PCBs										
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	—
SVOCs, Dissolved										
1,4-Dichlorobenzene	106-46-7	ug/L	—	—	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	ug/L	—	—	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	ug/L	—	—	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	ug/L	—	—	—	—	—	—	—	—
2-Methylphenol	95-48-7	ug/L	—	—	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	ug/L	—	—	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	ug/L	—	—	—	—	—	—	—	—
4-Chloroaniline	106-47-8	ug/L	—	—	—	—	—	—	—	—
Acenaphthene	83-32-9	ug/L	—	—	—	—	—	—	—	—
Acenaphthylene	208-96-8	ug/L	—	—	—	—	—	—	—	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD055	CH-SWSD055	CH-SWSD056	CH-SWSD057	CH-SWSD058	CH-SWSD059	CH-SWSD060	CH-SWSD060	CH-SWSD061
Sample ID		CH-SWSD055-SW01	CH-SWSD055-SW01D	CH-SWSD056-SW01	CH-SWSD057-SW01	CH-SWSD058-SW01	CH-SWSD059-SW01	CH-SWSD060-SW01	CH-SWSD060-SW01D	CH-SWSD061-SW01
Sample Date		6/3/2017	6/3/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017
Sample Type Code		N	FD	N	N	N	N	N	FD	N
Parent Sample ID			CH-SWSD055-SW01						CH-SWSD060-SW01	
Chemical	CAS	Units								
SVOCs, Dissolved Continued										
Anthracene	120-12-7	ug/L	—	—	—	—	—	—	—	—
Benzaldehyde	100-52-7	ug/L	—	—	—	—	—	—	—	—
Benzo(a)anthracene	56-55-3	ug/L	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	ug/L	—	—	—	—	—	—	—	—
Benzo(b)fluoranthene	205-99-2	ug/L	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	ug/L	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	ug/L	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	ug/L	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	ug/L	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	ug/L	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	ug/L	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	ug/L	—	—	—	—	—	—	—	—
Chrysene	218-01-9	ug/L	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	ug/L	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	ug/L	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	ug/L	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	ug/L	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	ug/L	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	ug/L	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	ug/L	—	—	—	—	—	—	—	—
Fluorene	86-73-7	ug/L	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	ug/L	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	ug/L	—	—	—	—	—	—	—	—
Pyrene	129-00-0	ug/L	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	ug/L	—	—	—	—	—	—	—	—
SVOCs, Total										
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1-Methylnaphthalene	90-12-0	ug/L	0.016 J	0.014 J	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U
2-Chloronaphthalene	91-58-7	ug/L	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
2-Methylnaphthalene	91-57-6	ug/L	0.020 J	0.017 J	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U
2-Methylphenol	95-48-7	ug/L	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
3,4-Methylphenol	108394/106445	ug/L	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
4-Chloroaniline	106-47-8	ug/L	< 4.3 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U
Acenaphthene	83-32-9	ug/L	0.041 J	0.035 J	0.015 J	0.011 J	0.016 J	0.017 J	< 0.040 U	< 0.040 U
Acenaphthylene	208-96-8	ug/L	< 0.043 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U
Anthracene	120-12-7	ug/L	< 0.043 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD055	CH-SWSD055	CH-SWSD056	CH-SWSD057	CH-SWSD058	CH-SWSD059	CH-SWSD060	CH-SWSD060	CH-SWSD061
Sample ID		CH-SWSD055-SW01	CH-SWSD055-SW01D	CH-SWSD056-SW01	CH-SWSD057-SW01	CH-SWSD058-SW01	CH-SWSD059-SW01	CH-SWSD060-SW01	CH-SWSD060-SW01D	CH-SWSD061-SW01
Sample Date		6/3/2017	6/3/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017
Sample Type Code		N	FD	N	N	N	N	N	FD	N
Parent Sample ID			CH-SWSD055-SW01						CH-SWSD060-SW01	
Chemical	CAS	Units								
SVOCs, Total Continued										
Benzaldehyde	100-52-7	ug/L	< 4.3 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U
Benzo(a)anthracene	56-55-3	ug/L	< 0.043 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	0.016 J	< 0.041 U
Benzo(a)pyrene	50-32-8	ug/L	< 0.043 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	0.013 J	< 0.041 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 0.043 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	0.027 J	0.013 J
Benzo(g,h,i)perylene	191-24-2	ug/L	< 0.043 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.043 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	0.011 J	< 0.041 U
Benzoic acid	65-85-0	ug/L	< 16 U	< 15 U	< 15 U	< 15 UJ	< 15 U	< 15 U	< 15 U	< 15 U
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.3 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.3 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U
Caprolactam	105-60-2	ug/L	< 16 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U
CARBAZOLE	86-74-8	ug/L	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Chrysene	218-01-9	ug/L	< 0.043 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	0.019 J	< 0.041 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.043 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U
Dibenzofuran	132-64-9	ug/L	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	< 4.3 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U
Dimethyl phthalate	131-11-3	ug/L	< 4.3 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.3 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U
Di-n-octyl phthalate	117-84-0	ug/L	< 4.3 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U
Fluoranthene	206-44-0	ug/L	< 0.043 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	0.026 J	0.011 J
Fluorene	86-73-7	ug/L	0.014 J	0.013 J	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	< 0.043 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U
Naphthalene	91-20-3	ug/L	0.093	0.082	0.037 J	< 0.061 U	0.040 J	0.041 J	< 0.060 U	< 0.061 U
Phenanthrene	85-01-8	ug/L	< 0.064 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.060 U	< 0.060 U	< 0.061 U
Pyrene	129-00-0	ug/L	< 0.043 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U	0.027 J	< 0.041 U
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	< 0.099	< 0.095	< 0.092	< 0.095	< 0.095	< 0.092	0.022	0.090
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	< 0.39	< 0.37	< 0.36	< 0.37	< 0.37	< 0.36	0.17	0.33
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	0.28	0.24	0.23	0.38	0.25	0.18	0.39	0.37
Total PAHs Calculated	CALC-PAH	ug/L	0.48	0.42	0.47	0.75	0.50	0.33	0.36	0.50

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-SWSD062	CH-SWSD063	CH-SWSD064	CH-SWSD065	CH-SWSD065	CH-SWSD067	CH-SWSD067	CH-SWSD068	CH-SWSD069	
	Sample ID	CH-SWSD062-SW01	CH-SWSD063-SW01	CH-SWSD064-SW01	CH-SWSD065-SW01	CH-SWSD065-SW01D	CH-SWSD067-SW01	CH-SWSD067-SW01-F	CH-SWSD068-SW01	CH-SWSD069-SW01	
	Sample Date	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	
	Sample Type Code	N	N	N	N	FD	N	N	N	N	
	Parent Sample ID					CH-SWSD065-SW01					
Chemical	CAS	Units									
Field											
Dissolved Oxygen	DO	mg/L	6.57	7.53	7.48	8.03	—	5.60	—	3.16	4.13
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	163.3	—	232.7	265.2
pH	PH	PH	5.69	5.76	5.77	5.63	—	5.45	—	4.02	3.94
Specific Conductance	SC	ms/cm	0.140	0.139	0.004	0.142	—	0.180	—	0.162	0.163
Temperature	TEMP	deg C	16.52	16.81	17.83	17.92	—	14.28	—	13.92	14.01
Turbidity	TURB	NTU	2.7	4.8	4.8	4.7	—	56	—	0.6	2.70
General Chemistry, Dissolved											
Total hardness	HARDNESS	ug/L	—	—	—	—	—	18600	—	—	—
General Chemistry, Total											
Total hardness	HARDNESS	ug/L	23500	24000	23300	23100	22600	22700	—	16600	18500
Metals, Dissolved											
Aluminum	7429-90-5	ug/L	—	—	—	—	—	—	489	—	—
Antimony	7440-36-0	ug/L	—	—	—	—	—	—	< 1.0 U	—	—
Arsenic	7440-38-2	ug/L	—	—	—	—	—	—	< 2.0 U	—	—
Barium	7440-39-3	ug/L	—	—	—	—	—	—	15.3	—	—
Beryllium	7440-41-7	ug/L	—	—	—	—	—	—	< 0.25 U	—	—
Cadmium	7440-43-9	ug/L	—	—	—	—	—	—	< 0.50 U	—	—
Calcium (Ca)	7440-70-2	ug/L	—	—	—	—	—	—	4610	—	—
Chromium	7440-47-3	ug/L	—	—	—	—	—	—	< 4.0 U	—	—
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	—	—	—	—	—	—	< 1 U	—	—
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	—	—	—	—	—	—	0.40 J	—	—
Copper	7440-50-8	ug/L	—	—	—	—	—	—	2.3 J	—	—
Iron (Fe)	7439-89-6	ug/L	—	—	—	—	—	—	285	—	—
Lead	7439-92-1	ug/L	—	—	—	—	—	—	1.5 J	—	—
Magnesium (Mg)	7439-95-4	ug/L	—	—	—	—	—	—	1730	—	—
Manganese (Mn)	7439-96-5	ug/L	—	—	—	—	—	—	20.8	—	—
Mercury	7439-97-6	ug/L	—	—	—	—	—	—	< 0.10 U	—	—
Nickel	7440-02-0	ug/L	—	—	—	—	—	—	1.1 J	—	—
Potassium (K)	7440-09-7	ug/L	—	—	—	—	—	—	556	—	—
Selenium	7782-49-2	ug/L	—	—	—	—	—	—	< 1.0 U	—	—
Silver	7440-22-4	ug/L	—	—	—	—	—	—	< 0.25 UJ	—	—
Sodium (Na)	7440-23-5	ug/L	—	—	—	—	—	—	15100	—	—
Thallium	7440-28-0	ug/L	—	—	—	—	—	—	< 0.25 U	—	—
Vanadium	7440-62-2	ug/L	—	—	—	—	—	—	1.3	—	—
Zinc	7440-66-6	ug/L	—	—	—	—	—	—	19.1 J	—	—
Metals, Total											
Aluminum	7429-90-5	ug/L	377	390	360	358	356	4270	—	1120	1740
Antimony	7440-36-0	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U
Arsenic	7440-38-2	ug/L	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	1.6 J	—	< 2.0 U	< 2.0 U
Barium	7440-39-3	ug/L	18.8	20.7 J	17.4	22.0	18.0	33.3	—	42.4	46.8
Beryllium	7440-41-7	ug/L	< 0.25 U	0.14 J	< 0.25 U	< 0.25 U	< 0.25 U	0.19 J	—	0.20 J	0.24 J

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD062	CH-SWSD063	CH-SWSD064	CH-SWSD065	CH-SWSD065	CH-SWSD067	CH-SWSD067	CH-SWSD068	CH-SWSD069
Sample ID		CH-SWSD062-SW01	CH-SWSD063-SW01	CH-SWSD064-SW01	CH-SWSD065-SW01	CH-SWSD065-SW01D	CH-SWSD067-SW01	CH-SWSD067-SW01-F	CH-SWSD068-SW01	CH-SWSD069-SW01
Sample Date		6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017
Sample Type Code		N	N	N	N	FD	N	N	N	N
Parent Sample ID						CH-SWSD065-SW01				
Chemical	CAS	Units								
Metals, Total Continued										
Cadmium	7440-43-9	ug/L	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	—	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	4980	5000	4960	4860	4700	5570	—	3220
Chromium	7440-47-3	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	4.3	—	1.1 J
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	1	—	0.3 J
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	0.37 J	0.45 J	0.44 J	0.36 J	0.41 J	1.6	—	0.91 J
Copper	7440-50-8	ug/L	2.1 J	2.3 J	2.1 J	2.1 J	2.0 J	9.0	—	3.0 J
Iron (Fe)	7439-89-6	ug/L	702	687	668	654	653	5670	—	197 J
Lead	7439-92-1	ug/L	1.2 J	1.2 J	1.1 J	1.2 J	1.1 J	25.9	—	4.5
Magnesium (Mg)	7439-95-4	ug/L	2700	2800	2650	2670	2640	2150	—	2080
Manganese (Mn)	7439-96-5	ug/L	40.5	36.7	36.3	40.0	39.3	70.6	—	18.6
Mercury	7439-97-6	ug/L	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	—	< 0.10 U
Nickel	7440-02-0	ug/L	1.0 J	0.88 J	1.2 J	1.3 J	1.1 J	2.7 J	—	2.6 J
Potassium (K)	7440-09-7	ug/L	1200	1170	1150	1150	1120	866	—	754
Selenium	7782-49-2	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U
Silver	7440-22-4	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	—	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	17700	18200	17300	17500	17200	15300	—	17300
Thallium	7440-28-0	ug/L	< 0.25 U	< 0.25 UJ	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	—	< 0.25 U
Vanadium	7440-62-2	ug/L	1.3	1.2	1.1	1.1	1.2	11.8	—	2.3
Zinc	7440-66-6	ug/L	< 30.0 U	< 30.0 U	< 30.0 U	< 30.0 UJ	< 30.0 UJ	20.4 J	—	27.6 J
PCBs										
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	—
SVOCs, Dissolved										
1,4-Dichlorobenzene	106-46-7	ug/L	—	—	—	—	—	—	< 1.1 U	—
1-Methylnaphthalene	90-12-0	ug/L	—	—	—	—	—	—	< 0.043 U	—
2-Chloronaphthalene	91-58-7	ug/L	—	—	—	—	—	—	< 1.1 U	—
2-Methylnaphthalene	91-57-6	ug/L	—	—	—	—	—	—	< 0.043 U	—
2-Methylphenol	95-48-7	ug/L	—	—	—	—	—	—	< 1.1 U	—
3,4-Methylphenol	108394/106445	ug/L	—	—	—	—	—	—	< 1.1 U	—
4-Chloro-3-methylphenol	59-50-7	ug/L	—	—	—	—	—	—	< 1.1 U	—
4-Chloroaniline	106-47-8	ug/L	—	—	—	—	—	—	< 4.3 U	—
Acenaphthene	83-32-9	ug/L	—	—	—	—	—	—	< 0.043 U	—
Acenaphthylene	208-96-8	ug/L	—	—	—	—	—	—	< 0.043 U	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD062	CH-SWSD063	CH-SWSD064	CH-SWSD065	CH-SWSD065	CH-SWSD067	CH-SWSD067	CH-SWSD068	CH-SWSD069
Sample ID		CH-SWSD062-SW01	CH-SWSD063-SW01	CH-SWSD064-SW01	CH-SWSD065-SW01	CH-SWSD065-SW01D	CH-SWSD067-SW01	CH-SWSD067-SW01-F	CH-SWSD068-SW01	CH-SWSD069-SW01
Sample Date		6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017
Sample Type Code		N	N	N	N	FD	N	N	N	N
Parent Sample ID						CH-SWSD065-SW01				
Chemical	CAS	Units								
SVOCs, Dissolved Continued										
Anthracene	120-12-7	ug/L	—	—	—	—	—	< 0.043 U	—	—
Benzaldehyde	100-52-7	ug/L	—	—	—	—	—	< 4.3 U	—	—
Benzo(a)anthracene	56-55-3	ug/L	—	—	—	—	—	< 0.043 U	—	—
Benzo(a)pyrene	50-32-8	ug/L	—	—	—	—	—	< 0.043 U	—	—
Benzo(b)fluoranthene	205-99-2	ug/L	—	—	—	—	—	< 0.043 U	—	—
Benzo(g,h,i)perylene	191-24-2	ug/L	—	—	—	—	—	< 0.043 U	—	—
Benzo(k)fluoranthene	207-08-9	ug/L	—	—	—	—	—	< 0.043 U	—	—
Benzoic acid	65-85-0	ug/L	—	—	—	—	—	< 16 U	—	—
Biphenyl, 1,1'-	92-52-4	ug/L	—	—	—	—	—	< 1.1 U	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	—	—	—	—	< 4.3 U	—	—
Butyl benzyl phthalate	85-68-7	ug/L	—	—	—	—	—	< 4.3 U	—	—
Caprolactam	105-60-2	ug/L	—	—	—	—	—	< 16 U	—	—
CARBAZOLE	86-74-8	ug/L	—	—	—	—	—	< 1.1 U	—	—
Chrysene	218-01-9	ug/L	—	—	—	—	—	< 0.043 U	—	—
Dibenz(a,h)anthracene	53-70-3	ug/L	—	—	—	—	—	< 0.043 U	—	—
Dibenzofuran	132-64-9	ug/L	—	—	—	—	—	< 1.1 U	—	—
Diethyl phthalate	84-66-2	ug/L	—	—	—	—	—	< 4.3 U	—	—
Dimethyl phthalate	131-11-3	ug/L	—	—	—	—	—	< 4.3 U	—	—
Di-n-butyl phthalate	84-74-2	ug/L	—	—	—	—	—	< 4.3 U	—	—
Di-n-octyl phthalate	117-84-0	ug/L	—	—	—	—	—	< 4.3 U	—	—
Fluoranthene	206-44-0	ug/L	—	—	—	—	—	< 0.043 U	—	—
Fluorene	86-73-7	ug/L	—	—	—	—	—	< 0.043 U	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	—	—	—	—	< 0.043 U	—	—
Naphthalene	91-20-3	ug/L	—	—	—	—	—	< 0.064 U	—	—
Phenanthrene	85-01-8	ug/L	—	—	—	—	—	< 0.064 U	—	—
Pyrene	129-00-0	ug/L	—	—	—	—	—	< 0.043 U	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	—	—	—	—	< 0.099	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	—	—	—	—	< 0.39	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	—	—	—	—	< 0.43	—	—
Total PAHs Calculated	CALC-PAH	ug/L	—	—	—	—	—	< 0.82	—	—
SVOCs, Total										
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.1 U	< 1.1 U
1-Methylnaphthalene	90-12-0	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	—	< 0.042 U	< 0.043 U
2-Chloronaphthalene	91-58-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.1 U	< 1.1 U
2-Methylnaphthalene	91-57-6	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	—	< 0.042 U	< 0.043 U
2-Methylphenol	95-48-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.1 U	< 1.1 U
3,4-Methylphenol	108394/106445	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.1 U	< 1.1 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.1 U	< 1.1 U
4-Chloroaniline	106-47-8	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	—	< 4.2 U	< 4.3 U
Acenaphthene	83-32-9	ug/L	< 0.040 U	< 0.040 U	0.012 J	0.014 J	0.012 J	< 0.041 U	—	< 0.042 U
Acenaphthylene	208-96-8	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	—	< 0.042 U
Anthracene	120-12-7	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	—	< 0.042 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD062	CH-SWSD063	CH-SWSD064	CH-SWSD065	CH-SWSD065	CH-SWSD067	CH-SWSD067	CH-SWSD068	CH-SWSD069	
Sample ID		CH-SWSD062-SW01	CH-SWSD063-SW01	CH-SWSD064-SW01	CH-SWSD065-SW01	CH-SWSD065-SW01D	CH-SWSD067-SW01	CH-SWSD067-SW01-F	CH-SWSD068-SW01	CH-SWSD069-SW01	
Sample Date		6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	
Sample Type Code		N	N	N	N	FD	N	N	N	N	
Parent Sample ID						CH-SWSD065-SW01					
Chemical	CAS	Units									
SVOCs, Total Continued											
Benzaldehyde	100-52-7	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	—	< 4.2 U	< 4.3 U
Benzo(a)anthracene	56-55-3	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	—	< 0.042 U	0.048 J
Benzo(a)pyrene	50-32-8	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	—	< 0.042 U	0.036 J
Benzo(b)fluoranthene	205-99-2	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	0.011 J	—	< 0.042 U	0.063
Benzo(g,h,i)perylene	191-24-2	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	—	< 0.042 U	0.018 J
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	—	< 0.042 U	0.027 J
Benzoic acid	65-85-0	ug/L	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	—	< 16 U	< 16 U
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.1 U	< 1.1 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	—	< 4.2 U	< 4.3 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	—	< 4.2 U	< 4.3 U
Caprolactam	105-60-2	ug/L	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	—	< 16 U	< 16 U
CARBAZOLE	86-74-8	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.1 U	< 1.1 U
Chrysene	218-01-9	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	—	< 0.042 U	0.046 J
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	—	< 0.042 U	< 0.043 U
Dibenzofuran	132-64-9	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.1 U	< 1.1 U
Diethyl phthalate	84-66-2	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	—	< 4.2 U	< 4.3 U
Dimethyl phthalate	131-11-3	ug/L	< 4.0 U	< 4.0 UJ	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	—	< 4.2 U	< 4.3 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	—	< 4.2 U	< 4.3 U
Di-n-octyl phthalate	117-84-0	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	—	< 4.2 U	< 4.3 U
Fluoranthene	206-44-0	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	0.013 J	—	< 0.042 U	0.067
Fluorene	86-73-7	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	—	< 0.042 U	< 0.043 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	—	< 0.042 U	0.021 J
Naphthalene	91-20-3	ug/L	0.038 J	< 0.060 U	< 0.060 U	0.034 J	< 0.061 UJ	< 0.062 U	—	< 0.064 U	< 0.065 U
Phenanthrene	85-01-8	ug/L	< 0.061 U	< 0.060 U	< 0.060 U	< 0.060 U	< 0.061 U	< 0.062 U	—	< 0.064 U	< 0.065 U
Pyrene	129-00-0	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	0.014 J	—	< 0.042 U	0.080
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	< 0.092	< 0.092	< 0.092	< 0.092	< 0.095	0.092	—	< 0.097	0.058
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.37	0.11	—	< 0.38	0.36
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	0.38	< 0.40	0.37	0.22	0.38	0.38	—	< 0.42	0.46
Total PAHs Calculated	CALC-PAH	ug/L	0.74	< 0.76	0.73	0.43	0.75	0.23	—	< 0.80	0.65

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD072 CH-SWSD072-SW01 6/2/2017 N	CH-SWSD072 CH-SWSD072-SW01-F 6/2/2017 N	CH-SWSD073 CH-SWSD073-SW01 6/2/2017 N	CH-SWSD074 CH-SWSD074-SW01 6/2/2017 N	CH-SWSD074 CH-SWSD074-SW01-F 6/2/2017 N	CH-SWSD075 CH-SWSD075-SW01 6/2/2017 N	CH-SWSD076 CH-SWSD076-SW01 6/2/2017 N	CH-SWSD077 CH-SWSD077-SW01 6/2/2017 N	CH-SWSD078 CH-SWSD078-SW01 6/2/2017 N
Chemical	CAS	Units									
Field											
Dissolved Oxygen	DO	mg/L	6.56	—	6.04	7.34	—	7.14	8.63	6.27	5.42
Oxidation Reduction Potential	ORP	mV	291.7	—	307.2	314.1	—	319.0	310.5	309.1	258.3
pH	PH	PH	3.75	—	3.48	3.66	—	3.64	3.75	3.94	3.83
Specific Conductance	SC	ms/cm	0.175	—	0.176	0.177	—	0.175	0.171	0.177	0.177
Temperature	TEMP	deg C	14.81	—	15.02	17.29	—	16.62	17.77	15.96	16.77
Turbidity	TURB	NTU	11.4	—	7.7	18.2	—	3.3	3.00	1.9	3.7
General Chemistry, Dissolved											
Total hardness	HARDNESS	ug/L	—	16600	—	—	15300	—	—	—	—
General Chemistry, Total											
Total hardness	HARDNESS	ug/L	17100	—	16000	15700	—	15400	16400	18700	20000
Metals, Dissolved											
Aluminum	7429-90-5	ug/L	—	982	—	—	743	—	—	—	—
Antimony	7440-36-0	ug/L	—	< 1.0 U	—	—	< 1.0 U	—	—	—	—
Arsenic	7440-38-2	ug/L	—	< 2.0 U	—	—	< 2.0 U	—	—	—	—
Barium	7440-39-3	ug/L	—	43.0	—	—	34.8	—	—	—	—
Beryllium	7440-41-7	ug/L	—	0.18 J	—	—	0.14 J	—	—	—	—
Cadmium	7440-43-9	ug/L	—	< 0.50 U	—	—	< 0.50 U	—	—	—	—
Calcium (Ca)	7440-70-2	ug/L	—	3020	—	—	2700	—	—	—	—
Chromium	7440-47-3	ug/L	—	< 4.0 U	—	—	< 4.0 U	—	—	—	—
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	—	< 1 U	—	—	< 1 U	—	—	—	—
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	—	0.63 J	—	—	0.55 J	—	—	—	—
Copper	7440-50-8	ug/L	—	1.6 J	—	—	0.81 J	—	—	—	—
Iron (Fe)	7439-89-6	ug/L	—	105 J	—	—	81.3 J	—	—	—	—
Lead	7439-92-1	ug/L	—	0.45 J	—	—	0.24 J	—	—	—	—
Magnesium (Mg)	7439-95-4	ug/L	—	2210	—	—	2080	—	—	—	—
Manganese (Mn)	7439-96-5	ug/L	—	11.0	—	—	9.2	—	—	—	—
Mercury	7439-97-6	ug/L	—	< 0.10 U	—	—	< 0.10 U	—	—	—	—
Nickel	7440-02-0	ug/L	—	1.4 J	—	—	1.2 J	—	—	—	—
Potassium (K)	7440-09-7	ug/L	—	703	—	—	619	—	—	—	—
Selenium	7782-49-2	ug/L	—	< 1.0 U	—	—	< 1.0 U	—	—	—	—
Silver	7440-22-4	ug/L	—	< 0.25 U	—	—	< 0.25 UJ	—	—	—	—
Sodium (Na)	7440-23-5	ug/L	—	18300	—	—	16900	—	—	—	—
Thallium	7440-28-0	ug/L	—	< 0.25 U	—	—	< 0.25 U	—	—	—	—
Vanadium	7440-62-2	ug/L	—	2.4	—	—	2.4	—	—	—	—
Zinc	7440-66-6	ug/L	—	< 30.0 U	—	—	22.4 J	—	—	—	—
Metals, Total											
Aluminum	7429-90-5	ug/L	982	—	878	832	—	719	728	731	771
Antimony	7440-36-0	ug/L	< 1.0 U	—	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Arsenic	7440-38-2	ug/L	< 2.0 U	—	< 2.0 U	< 2.0 U	—	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Barium	7440-39-3	ug/L	39.8	—	36.7	36.3	—	39.1	35.8	38.6	49.2
Beryllium	7440-41-7	ug/L	0.20 J	—	0.16 J	0.16 J	—	0.17 J	0.15 J	0.20 J	0.15 J

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD072	CH-SWSD072	CH-SWSD073	CH-SWSD074	CH-SWSD074	CH-SWSD075	CH-SWSD076	CH-SWSD077	CH-SWSD078
Sample ID		CH-SWSD072-SW01	CH-SWSD072-SW01-F	CH-SWSD073-SW01	CH-SWSD074-SW01	CH-SWSD074-SW01-F	CH-SWSD075-SW01	CH-SWSD076-SW01	CH-SWSD077-SW01	CH-SWSD078-SW01
Sample Date		6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017
Sample Type Code		N	N	N	N	N	N	N	N	N
Parent Sample ID										
Chemical	CAS	Units								
Metals, Total Continued										
Cadmium	7440-43-9	ug/L	< 0.50 U	—	< 0.50 U	< 0.50 U	—	< 0.50 U	< 0.50 U	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	3250	—	3000	2860	—	2760	2900	3590
Chromium	7440-47-3	ug/L	< 4.0 U	—	0.90 J	0.86 J	—	0.81 J	< 4.0 U	< 4.0 U
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	< 2.0 U	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	< 1 U	—	—	0.3 J	—	0.2 J	< 1 U	< 1 U
Chromium(VI)	18540-29-9	ug/L	—	—	0.53	—	—	—	—	—
Cobalt	7440-48-4	ug/L	0.64 J	—	0.56 J	0.60 J	—	0.53 J	0.49 J	0.58 J
Copper	7440-50-8	ug/L	1.1 J	—	0.77 J	0.59 J	—	< 1.0 U	0.59 J	0.83 J
Iron (Fe)	7439-89-6	ug/L	121 J	—	93.5 J	105 J	—	98.3 J	97.2 J	112 J
Lead	7439-92-1	ug/L	0.47 J	—	0.27 J	0.34 J	—	0.23 J	0.26 J	0.32 J
Magnesium (Mg)	7439-95-4	ug/L	2190	—	2060	2080	—	2070	2220	2360
Manganese (Mn)	7439-96-5	ug/L	10.3	—	9.5	8.4	—	8.3	7.3	8.5
Mercury	7439-97-6	ug/L	< 0.10 U	—	< 0.10 U	< 0.10 U	—	< 0.10 U	< 0.10 U	< 0.10 U
Nickel	7440-02-0	ug/L	1.6 J	—	1.5 J	1.3 J	—	0.98 J	1.1 J	1.0 J
Potassium (K)	7440-09-7	ug/L	705	—	645	620	—	604	610	582
Selenium	7782-49-2	ug/L	< 1.0 U	—	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U
Silver	7440-22-4	ug/L	< 0.25 U	—	< 0.25 U	< 0.25 U	—	< 0.25 U	< 0.25 U	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	17800	—	16900	16800	—	17000	18500	19400
Thallium	7440-28-0	ug/L	< 0.25 U	—	< 0.25 U	< 0.25 U	—	< 0.25 U	< 0.25 U	< 0.25 U
Vanadium	7440-62-2	ug/L	2.8	—	2.5	2.3	—	2.2	2.6	2.3
Zinc	7440-66-6	ug/L	31.1	—	17.6 J	15.9 J	—	21.7 J	< 30.0 U	< 30.0 U
PCBs										
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	—
SVOCs, Dissolved										
1,4-Dichlorobenzene	106-46-7	ug/L	—	< 1.1 U	—	—	< 1.0 U	—	—	—
1-Methylnaphthalene	90-12-0	ug/L	—	< 0.043 U	—	—	< 0.041 U	—	—	—
2-Chloronaphthalene	91-58-7	ug/L	—	< 1.1 U	—	—	< 1.0 U	—	—	—
2-Methylnaphthalene	91-57-6	ug/L	—	< 0.043 U	—	—	< 0.041 U	—	—	—
2-Methylphenol	95-48-7	ug/L	—	< 1.1 U	—	—	< 1.0 U	—	—	—
3,4-Methylphenol	108394/106445	ug/L	—	< 1.1 U	—	—	< 1.0 U	—	—	—
4-Chloro-3-methylphenol	59-50-7	ug/L	—	< 1.1 U	—	—	< 1.0 U	—	—	—
4-Chloroaniline	106-47-8	ug/L	—	< 4.3 U	—	—	< 4.1 U	—	—	—
Acenaphthene	83-32-9	ug/L	—	< 0.043 U	—	—	< 0.041 U	—	—	—
Acenaphthylene	208-96-8	ug/L	—	< 0.043 U	—	—	< 0.041 U	—	—	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD072	CH-SWSD072	CH-SWSD073	CH-SWSD074	CH-SWSD074	CH-SWSD075	CH-SWSD076	CH-SWSD077	CH-SWSD078
Sample ID		CH-SWSD072-SW01	CH-SWSD072-SW01-F	CH-SWSD073-SW01	CH-SWSD074-SW01	CH-SWSD074-SW01-F	CH-SWSD075-SW01	CH-SWSD076-SW01	CH-SWSD077-SW01	CH-SWSD078-SW01
Sample Date		6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017
Sample Type Code		N	N	N	N	N	N	N	N	N
Parent Sample ID										
Chemical	CAS	Units								
SVOCs, Dissolved Continued										
Anthracene	120-12-7	ug/L	—	< 0.043 U	—	—	< 0.041 U	—	—	—
Benzaldehyde	100-52-7	ug/L	—	< 4.3 U	—	—	< 4.1 U	—	—	—
Benzo(a)anthracene	56-55-3	ug/L	—	< 0.043 U	—	—	< 0.041 U	—	—	—
Benzo(a)pyrene	50-32-8	ug/L	—	< 0.043 U	—	—	< 0.041 U	—	—	—
Benzo(b)fluoranthene	205-99-2	ug/L	—	< 0.043 U	—	—	< 0.041 U	—	—	—
Benzo(g,h,i)perylene	191-24-2	ug/L	—	< 0.043 U	—	—	< 0.041 U	—	—	—
Benzo(k)fluoranthene	207-08-9	ug/L	—	< 0.043 U	—	—	< 0.041 U	—	—	—
Benzoic acid	65-85-0	ug/L	—	< 16 U	—	—	< 15 U	—	—	—
Biphenyl, 1,1'-	92-52-4	ug/L	—	< 1.1 U	—	—	< 1.0 U	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	< 4.3 U	—	—	< 4.1 U	—	—	—
Butyl benzyl phthalate	85-68-7	ug/L	—	< 4.3 U	—	—	< 4.1 U	—	—	—
Caprolactam	105-60-2	ug/L	—	< 16 U	—	—	< 15 U	—	—	—
CARBAZOLE	86-74-8	ug/L	—	< 1.1 U	—	—	< 1.0 U	—	—	—
Chrysene	218-01-9	ug/L	—	< 0.043 U	—	—	< 0.041 U	—	—	—
Dibenz(a,h)anthracene	53-70-3	ug/L	—	< 0.043 U	—	—	< 0.041 U	—	—	—
Dibenzofuran	132-64-9	ug/L	—	< 1.1 U	—	—	< 1.0 U	—	—	—
Diethyl phthalate	84-66-2	ug/L	—	< 4.3 U	—	—	< 4.1 U	—	—	—
Dimethyl phthalate	131-11-3	ug/L	—	< 4.3 U	—	—	< 4.1 U	—	—	—
Di-n-butyl phthalate	84-74-2	ug/L	—	2.9 J	—	—	2.5 J	—	—	—
Di-n-octyl phthalate	117-84-0	ug/L	—	< 4.3 U	—	—	< 4.1 U	—	—	—
Fluoranthene	206-44-0	ug/L	—	< 0.043 U	—	—	< 0.041 U	—	—	—
Fluorene	86-73-7	ug/L	—	< 0.043 U	—	—	< 0.041 U	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	< 0.043 U	—	—	< 0.041 U	—	—	—
Naphthalene	91-20-3	ug/L	—	< 0.064 U	—	—	< 0.061 U	—	—	—
Phenanthrene	85-01-8	ug/L	—	< 0.064 U	—	—	< 0.061 U	—	—	—
Pyrene	129-00-0	ug/L	—	< 0.043 U	—	—	< 0.041 U	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	< 0.099	—	—	< 0.095	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	< 0.39	—	—	< 0.37	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	< 0.43	—	—	< 0.41	—	—	—
Total PAHs Calculated	CALC-PAH	ug/L	—	< 0.82	—	—	< 0.78	—	—	—
SVOCs, Total										
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.1 UJ	—	< 1.0 U	< 1.0 U	—	< 1.1 U	< 1.1 U	< 1.0 U
1-Methylnaphthalene	90-12-0	ug/L	< 0.044 U	—	< 0.041 U	< 0.040 U	—	< 0.042 U	< 0.043 U	< 0.040 U
2-Chloronaphthalene	91-58-7	ug/L	< 1.1 UJ	—	< 1.0 U	< 1.0 U	—	< 1.1 U	< 1.1 U	< 1.0 U
2-Methylnaphthalene	91-57-6	ug/L	< 0.044 U	—	< 0.041 U	< 0.040 U	—	< 0.042 U	< 0.043 U	< 0.040 U
2-Methylphenol	95-48-7	ug/L	< 1.1 U	—	< 1.0 U	< 1.0 U	—	< 1.1 U	< 1.1 U	< 1.0 U
3,4-Methylphenol	108394/106445	ug/L	< 1.1 UJ	—	< 1.0 U	< 1.0 U	—	< 1.1 U	< 1.1 U	< 1.0 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.1 UJ	—	< 1.0 U	< 1.0 U	—	< 1.1 U	< 1.1 U	< 1.0 U
4-Chloroaniline	106-47-8	ug/L	< 4.4 U	—	< 4.1 U	< 4.0 U	—	< 4.2 U	< 4.3 U	< 4.0 U
Acenaphthene	83-32-9	ug/L	< 0.044 U	—	< 0.041 U	< 0.040 U	—	< 0.042 U	< 0.043 U	< 0.040 U
Acenaphthylene	208-96-8	ug/L	< 0.044 U	—	< 0.041 U	< 0.040 U	—	< 0.042 U	< 0.043 U	< 0.040 U
Anthracene	120-12-7	ug/L	< 0.044 U	—	< 0.041 U	< 0.040 U	—	< 0.042 U	< 0.043 U	< 0.040 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD072 CH-SWSD072-SW01 6/2/2017 N	CH-SWSD072 CH-SWSD072-SW01-F 6/2/2017 N	CH-SWSD073 CH-SWSD073-SW01 6/2/2017 N	CH-SWSD074 CH-SWSD074-SW01 6/2/2017 N	CH-SWSD074 CH-SWSD074-SW01-F 6/2/2017 N	CH-SWSD075 CH-SWSD075-SW01 6/2/2017 N	CH-SWSD076 CH-SWSD076-SW01 6/2/2017 N	CH-SWSD077 CH-SWSD077-SW01 6/2/2017 N	CH-SWSD078 CH-SWSD078-SW01 6/2/2017 N
Chemical	CAS	Units									
SVOCs, Total Continued											
Benzaldehyde	100-52-7	ug/L	< 4.4 UJ	—	< 4.1 U	< 4.0 U	—	< 4.2 U	< 4.3 U	< 4.3 U	< 4.0 U
Benzo(a)anthracene	56-55-3	ug/L	< 0.044 U	—	< 0.041 U	< 0.040 U	—	< 0.042 U	< 0.043 U	< 0.043 U	< 0.040 U
Benzo(a)pyrene	50-32-8	ug/L	< 0.044 U	—	< 0.041 U	< 0.040 U	—	< 0.042 U	< 0.043 U	< 0.043 U	< 0.040 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 0.044 U	—	< 0.041 U	< 0.040 U	—	< 0.042 U	< 0.043 U	< 0.043 U	< 0.040 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 0.044 U	—	< 0.041 U	< 0.040 U	—	< 0.042 U	< 0.043 U	< 0.043 U	< 0.040 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.044 U	—	< 0.041 U	< 0.040 U	—	< 0.042 U	< 0.043 U	< 0.043 U	< 0.040 U
Benzoic acid	65-85-0	ug/L	< 17 UJ	—	< 15 U	< 15 U	—	< 16 U	< 16 U	< 16 U	< 15 U
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.1 U	—	< 1.0 U	< 1.0 U	—	< 1.1 U	< 1.1 U	< 1.1 U	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.4 UJ	—	< 4.1 U	< 4.0 U	—	< 4.2 U	< 4.3 U	< 4.3 U	< 4.0 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.4 UJ	—	< 4.1 U	< 4.0 U	—	< 4.2 U	< 4.3 U	< 4.3 U	< 4.0 U
Caprolactam	105-60-2	ug/L	< 17 UJ	—	< 15 U	< 15 U	—	< 16 U	< 16 U	< 16 U	< 15 U
CARBAZOLE	86-74-8	ug/L	< 1.1 UJ	—	< 1.0 U	< 1.0 U	—	< 1.1 U	< 1.1 U	< 1.1 U	< 1.0 U
Chrysene	218-01-9	ug/L	< 0.044 U	—	< 0.041 U	< 0.040 U	—	< 0.042 U	< 0.043 U	< 0.043 U	< 0.040 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.044 U	—	< 0.041 U	< 0.040 U	—	< 0.042 U	< 0.043 U	< 0.043 U	< 0.040 U
Dibenzofuran	132-64-9	ug/L	< 1.1 UJ	—	< 1.0 U	< 1.0 U	—	< 1.1 U	< 1.1 U	< 1.1 U	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	< 4.4 UJ	—	< 4.1 U	< 4.0 U	—	< 4.2 U	< 4.3 U	< 4.3 U	< 4.0 U
Dimethyl phthalate	131-11-3	ug/L	< 4.4 UJ	—	< 4.1 U	< 4.0 U	—	< 4.2 U	< 4.3 U	< 4.3 U	< 4.0 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.4 UJ	—	< 4.1 U	< 4.0 U	—	< 4.2 U	< 4.3 U	< 4.3 U	< 4.0 U
Di-n-octyl phthalate	117-84-0	ug/L	< 4.4 UJ	—	< 4.1 U	< 4.0 U	—	< 4.2 U	< 4.3 U	< 4.3 U	< 4.0 U
Fluoranthene	206-44-0	ug/L	< 0.044 U	—	< 0.041 U	< 0.040 U	—	< 0.042 U	< 0.043 U	< 0.043 U	< 0.040 U
Fluorene	86-73-7	ug/L	< 0.044 U	—	< 0.041 U	< 0.040 U	—	< 0.042 U	< 0.043 U	< 0.043 U	< 0.040 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	< 0.044 U	—	< 0.041 U	< 0.040 U	—	< 0.042 U	< 0.043 U	< 0.043 U	< 0.040 U
Naphthalene	91-20-3	ug/L	< 0.066 U	—	< 0.062 U	< 0.060 U	—	< 0.063 U	< 0.064 U	< 0.064 U	< 0.060 U
Phenanthrene	85-01-8	ug/L	< 0.066 U	—	< 0.062 U	< 0.060 U	—	< 0.063 U	< 0.064 U	< 0.064 U	< 0.060 U
Pyrene	129-00-0	ug/L	< 0.044 U	—	< 0.041 U	< 0.040 U	—	< 0.042 U	< 0.043 U	< 0.043 U	< 0.040 U
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	< 0.10	—	< 0.095	< 0.092	—	< 0.097	< 0.099	< 0.099	< 0.092
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	< 0.40	—	< 0.37	< 0.36	—	< 0.38	< 0.39	< 0.39	< 0.36
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	< 0.44	—	< 0.41	< 0.40	—	< 0.42	< 0.43	< 0.43	< 0.40
Total PAHs Calculated	CALC-PAH	ug/L	< 0.84	—	< 0.78	< 0.76	—	< 0.80	< 0.82	< 0.82	< 0.76

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-SWSD080	CH-SWSD081	CH-SWSD081	CH-SWSD082	CH-SWSD083	CH-SWSD084	CH-SWSD085	CH-SWSD085	CH-SWSD086	
	Sample ID	CH-SWSD080-SW01	CH-SWSD081-SW01	CH-SWSD081-SW01D	CH-SWSD082-SW01	CH-SWSD083-SW01	CH-SWSD084-SW01	CH-SWSD085-SW01	CH-SWSD085-SW01D	CH-SWSD086-SW01	
	Sample Date	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	
	Sample Type Code	N	N	FD	N	N	N	N	FD	N	
	Parent Sample ID			CH-SWSD081-SW01					CH-SWSD085-SW01		
Chemical	CAS	Units									
Field											
Dissolved Oxygen	DO	mg/L	7.32	7.33	—	7.20	7.30	7.31	7.40	—	7.4
Oxidation Reduction Potential	ORP	mV	282.8	283.2	—	296.9	284.3	301.7	308.8	—	308.8
pH	PH	PH	4.14	4.14	—	4.15	4.14	4.15	4.23	—	4.23
Specific Conductance	SC	ms/cm	0.205	0.205	—	0.205	0.205	0.205	0.198	—	0.198
Temperature	TEMP	deg C	13.62	13.64	—	14.08	13.82	13.92	13.63	—	13.63
Turbidity	TURB	NTU	0.4	3.1	—	1.2	1.2	1.1	5.5	—	5.5
General Chemistry, Dissolved											
Total hardness	HARDNESS	ug/L	—	—	—	—	—	—	—	—	—
General Chemistry, Total											
Total hardness	HARDNESS	ug/L	16900	16800	17000	16100	17200	16000	16000	16000	16100
Metals, Dissolved											
Aluminum	7429-90-5	ug/L	—	—	—	—	—	—	—	—	—
Antimony	7440-36-0	ug/L	—	—	—	—	—	—	—	—	—
Arsenic	7440-38-2	ug/L	—	—	—	—	—	—	—	—	—
Barium	7440-39-3	ug/L	—	—	—	—	—	—	—	—	—
Beryllium	7440-41-7	ug/L	—	—	—	—	—	—	—	—	—
Cadmium	7440-43-9	ug/L	—	—	—	—	—	—	—	—	—
Calcium (Ca)	7440-70-2	ug/L	—	—	—	—	—	—	—	—	—
Chromium	7440-47-3	ug/L	—	—	—	—	—	—	—	—	—
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	—	—	—	—	—	—	—	—	—
Copper	7440-50-8	ug/L	—	—	—	—	—	—	—	—	—
Iron (Fe)	7439-89-6	ug/L	—	—	—	—	—	—	—	—	—
Lead	7439-92-1	ug/L	—	—	—	—	—	—	—	—	—
Magnesium (Mg)	7439-95-4	ug/L	—	—	—	—	—	—	—	—	—
Manganese (Mn)	7439-96-5	ug/L	—	—	—	—	—	—	—	—	—
Mercury	7439-97-6	ug/L	—	—	—	—	—	—	—	—	—
Nickel	7440-02-0	ug/L	—	—	—	—	—	—	—	—	—
Potassium (K)	7440-09-7	ug/L	—	—	—	—	—	—	—	—	—
Selenium	7782-49-2	ug/L	—	—	—	—	—	—	—	—	—
Silver	7440-22-4	ug/L	—	—	—	—	—	—	—	—	—
Sodium (Na)	7440-23-5	ug/L	—	—	—	—	—	—	—	—	—
Thallium	7440-28-0	ug/L	—	—	—	—	—	—	—	—	—
Vanadium	7440-62-2	ug/L	—	—	—	—	—	—	—	—	—
Zinc	7440-66-6	ug/L	—	—	—	—	—	—	—	—	—
Metals, Total											
Aluminum	7429-90-5	ug/L	512	636	579	546	527	528	533	493	519
Antimony	7440-36-0	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Arsenic	7440-38-2	ug/L	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Barium	7440-39-3	ug/L	24.7	26.4	23.7	23.7	26.6	24.0	24.7	24.1	23.0
Beryllium	7440-41-7	ug/L	0.19 J	0.20 J	0.21 J	0.17 J	0.21 J	0.21 J	0.18 J	0.18 J	0.18 J

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD080	CH-SWSD081	CH-SWSD081	CH-SWSD082	CH-SWSD083	CH-SWSD084	CH-SWSD085	CH-SWSD085	CH-SWSD086
Sample ID		CH-SWSD080-SW01	CH-SWSD081-SW01	CH-SWSD081-SW01D	CH-SWSD082-SW01	CH-SWSD083-SW01	CH-SWSD084-SW01	CH-SWSD085-SW01	CH-SWSD085-SW01D	CH-SWSD086-SW01
Sample Date		6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017
Sample Type Code		N	N	FD	N	N	N	N	FD	N
Parent Sample ID				CH-SWSD081-SW01					CH-SWSD085-SW01	
Chemical	CAS	Units								
Metals, Total Continued										
Cadmium	7440-43-9	ug/L	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	2310	2240	2190	1930	2250	2070	1880	1940
Chromium	7440-47-3	ug/L	< 4.0 U	< 4.0 UJ	< 4.0 UJ	1.9 J	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	0.74 J	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	—	< 1 UJ	< 1 UJ	0.6 J	< 1 U	< 1 U	< 1 U	< 1 U
Chromium(VI)	18540-29-9	ug/L	0.27	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	0.58 J	0.65 J	0.63 J	0.66 J	0.50 J	0.51 J	0.49 J	0.60 J
Copper	7440-50-8	ug/L	0.69 J	0.68 J	0.78 J	1.5 J	0.63 J	0.79 J	0.63 J	0.67 J
Iron (Fe)	7439-89-6	ug/L	236	332 J	244 J	233	242	228	222	249
Lead	7439-92-1	ug/L	0.21 J	0.33 J	0.26 J	0.46 J	0.24 J	0.20 J	0.22 J	0.22 J
Magnesium (Mg)	7439-95-4	ug/L	2700	2730	2810	2730	2820	2620	2740	2720
Manganese (Mn)	7439-96-5	ug/L	23.5	22.2	23.7	19.7	24.3	22.3	21.8	22.3
Mercury	7439-97-6	ug/L	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
Nickel	7440-02-0	ug/L	1.0 J	1.1 J	1.0 J	1.1 J	1.2 J	1.1 J	0.93 J	1.1 J
Potassium (K)	7440-09-7	ug/L	804	791	832	773	815	812	798	816
Selenium	7782-49-2	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Silver	7440-22-4	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	22100	21600	22900	21100	23100	21900	22300	22200
Thallium	7440-28-0	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Vanadium	7440-62-2	ug/L	1.2	1.7 J	1.2 J	1.2	1.5	1.5	1.2	1.1
Zinc	7440-66-6	ug/L	7.1 J	7.6 J	6.9 J	< 30.0 U	8.3 J	8.0 J	7.5 J	7.3 J
PCBs										
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	—
SVOCs, Dissolved										
1,4-Dichlorobenzene	106-46-7	ug/L	—	—	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	ug/L	—	—	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	ug/L	—	—	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	ug/L	—	—	—	—	—	—	—	—
2-Methylphenol	95-48-7	ug/L	—	—	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	ug/L	—	—	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	ug/L	—	—	—	—	—	—	—	—
4-Chloroaniline	106-47-8	ug/L	—	—	—	—	—	—	—	—
Acenaphthene	83-32-9	ug/L	—	—	—	—	—	—	—	—
Acenaphthylene	208-96-8	ug/L	—	—	—	—	—	—	—	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD080	CH-SWSD081	CH-SWSD081	CH-SWSD082	CH-SWSD083	CH-SWSD084	CH-SWSD085	CH-SWSD085	CH-SWSD086
Sample ID		CH-SWSD080-SW01	CH-SWSD081-SW01	CH-SWSD081-SW01D	CH-SWSD082-SW01	CH-SWSD083-SW01	CH-SWSD084-SW01	CH-SWSD085-SW01	CH-SWSD085-SW01D	CH-SWSD086-SW01
Sample Date		6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017
Sample Type Code		N	N	FD	N	N	N	N	FD	N
Parent Sample ID				CH-SWSD081-SW01					CH-SWSD085-SW01	
Chemical	CAS	Units								
SVOCs, Dissolved Continued										
Anthracene	120-12-7	ug/L	—	—	—	—	—	—	—	—
Benzaldehyde	100-52-7	ug/L	—	—	—	—	—	—	—	—
Benzo(a)anthracene	56-55-3	ug/L	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	ug/L	—	—	—	—	—	—	—	—
Benzo(b)fluoranthene	205-99-2	ug/L	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	ug/L	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	ug/L	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	ug/L	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	ug/L	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	ug/L	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	ug/L	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	ug/L	—	—	—	—	—	—	—	—
Chrysene	218-01-9	ug/L	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	ug/L	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	ug/L	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	ug/L	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	ug/L	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	ug/L	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	ug/L	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	ug/L	—	—	—	—	—	—	—	—
Fluorene	86-73-7	ug/L	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	ug/L	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	ug/L	—	—	—	—	—	—	—	—
Pyrene	129-00-0	ug/L	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	ug/L	—	—	—	—	—	—	—	—
SVOCs, Total										
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1-Methylnaphthalene	90-12-0	ug/L	0.022 J	0.018 J	0.022 J	0.024 J	0.019 J	0.021 J	0.017 J	0.017 J
2-Chloronaphthalene	91-58-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
2-Methylnaphthalene	91-57-6	ug/L	0.027 J	0.022 J	0.025 J	0.029 J	0.021 J	0.025 J	0.018 J	0.016 J
2-Methylphenol	95-48-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
3,4-Methylphenol	108394/106445	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
4-Chloroaniline	106-47-8	ug/L	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U
Acenaphthene	83-32-9	ug/L	0.083	0.078	0.088	0.089	0.080	0.084	0.082	0.077
Acenaphthylene	208-96-8	ug/L	< 0.041 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.040 U
Anthracene	120-12-7	ug/L	< 0.041 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.040 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD080 CH-SWSD080-SW01 6/5/2017 N	CH-SWSD081 CH-SWSD081-SW01 6/5/2017 N	CH-SWSD081 CH-SWSD081-SW01D 6/5/2017 FD CH-SWSD081-SW01	CH-SWSD082 CH-SWSD082-SW01 6/5/2017 N	CH-SWSD083 CH-SWSD083-SW01 6/5/2017 N	CH-SWSD084 CH-SWSD084-SW01 6/5/2017 N	CH-SWSD085 CH-SWSD085-SW01 6/5/2017 N	CH-SWSD085 CH-SWSD085-SW01D 6/5/2017 FD CH-SWSD085-SW01	CH-SWSD086 CH-SWSD086-SW01 6/5/2017 N
Chemical	CAS	Units									
SVOCs, Total Continued											
Benzaldehyde	100-52-7	ug/L	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.0 U
Benzo(a)anthracene	56-55-3	ug/L	< 0.041 U	0.011 J	0.020 J	0.011 J	0.011 J	< 0.040 U	0.012 J	0.014 J	< 0.040 U
Benzo(a)pyrene	50-32-8	ug/L	< 0.041 U	< 0.040 UJ	0.016 J	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U
Benzo(b)fluoranthene	205-99-2	ug/L	0.015 J	0.017 J	0.049 J	0.020 J	0.015 J	0.012 J	0.019 J	0.021 J	0.016 J
Benzo(g,h,i)perylene	191-24-2	ug/L	< 0.041 U	< 0.040 UJ	0.012 J	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.041 U	< 0.040 UJ	0.020 J	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 UJ	0.011 J	< 0.040 U
Benzoic acid	65-85-0	ug/L	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.0 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.0 U
Caprolactam	105-60-2	ug/L	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U
CARBAZOLE	86-74-8	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Chrysene	218-01-9	ug/L	0.022 J	0.015 J	0.038 J	0.019 J	0.015 J	0.013 J	0.019 J	0.020 J	0.016 J
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.041 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U
Dibenzofuran	132-64-9	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.0 U
Dimethyl phthalate	131-11-3	ug/L	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.0 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.0 U
Di-n-octyl phthalate	117-84-0	ug/L	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.0 U
Fluoranthene	206-44-0	ug/L	0.020 J	0.016 J	0.042 J	0.022 J	0.017 J	0.014 J	0.019 J	0.021 J	0.015 J
Fluorene	86-73-7	ug/L	0.028 J	0.025 J	0.027 J	0.027 J	0.025 J	0.025 J	0.020 J	0.022 J	0.019 J
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	< 0.041 U	< 0.040 UJ	0.014 J	< 0.040 U	< 0.041 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U
Naphthalene	91-20-3	ug/L	0.071	0.050 J	0.059 J	0.070	0.055 J	0.059 J	0.061 J	0.041 J	0.041 J
Phenanthrene	85-01-8	ug/L	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.060 U	< 0.061 U	< 0.061 U	< 0.061 U
Pyrene	129-00-0	ug/L	0.012 J	0.011 J	0.033 J	0.017 J	0.012 J	< 0.040 U	0.014 J	0.016 J	0.012 J
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	0.0036	0.0050	0.029	0.0055	0.0046	0.0029	0.0055	0.0064	0.0038
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	0.15	0.12	0.22	0.15	0.12	0.11	0.14	0.15	0.13
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	0.32	0.27	0.34	0.34	0.28	0.30	0.27	0.26	0.24
Total PAHs Calculated	CALC-PAH	ug/L	0.49	0.40	0.56	0.50	0.41	0.44	0.42	0.41	0.37

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID			CH-SWSD087	CH-SWSD088	CH-SWSD089	CH-SWSD090	CH-SWSD091	CH-SWSD092	CH-SWSD093	CH-SWSD094	CH-SWSD095
Sample ID			CH-SWSD087-SW01	CH-SWSD088-SW01	CH-SWSD089-SW01	CH-SWSD090-SW01	CH-SWSD091-SW01	CH-SWSD092-SW01	CH-SWSD093-SW01	CH-SWSD094-SW01	CH-SWSD095-SW01
Sample Date			6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017
Sample Type Code			N	N	N	N	N	N	N	N	N
Parent Sample ID											
Chemical	CAS	Units									
Field											
Dissolved Oxygen	DO	mg/L	7.40	7.40	7.29	6.96	7.11	7.81	7.50	7.57	7.66
Oxidation Reduction Potential	ORP	mV	308.8	308.8	304.5	306.4	308.8	311.2	315.0	309.1	283
pH	PH	PH	4.23	4.23	4.27	4.27	4.27	4.25	4.27	4.27	4.28
Specific Conductance	SC	ms/cm	0.198	0.198	0.195	0.194	0.194	0.194	0.193	0.194	0.192
Temperature	TEMP	deg C	13.63	13.59	13.94	13.82	13.71	13.82	14.23	14.31	13.98
Turbidity	TURB	NTU	5.2	7.1	1.8	1.6	1.8	4.8	4.2	5.2	4.4
General Chemistry, Dissolved											
Total hardness	HARDNESS	ug/L	--	--	--	--	--	--	--	--	--
General Chemistry, Total											
Total hardness	HARDNESS	ug/L	17100	16800	16300	17000	15700	16600	16000	15700	16900
Metals, Dissolved											
Aluminum	7429-90-5	ug/L	--	--	--	--	--	--	--	--	--
Antimony	7440-36-0	ug/L	--	--	--	--	--	--	--	--	--
Arsenic	7440-38-2	ug/L	--	--	--	--	--	--	--	--	--
Barium	7440-39-3	ug/L	--	--	--	--	--	--	--	--	--
Beryllium	7440-41-7	ug/L	--	--	--	--	--	--	--	--	--
Cadmium	7440-43-9	ug/L	--	--	--	--	--	--	--	--	--
Calcium (Ca)	7440-70-2	ug/L	--	--	--	--	--	--	--	--	--
Chromium	7440-47-3	ug/L	--	--	--	--	--	--	--	--	--
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	--	--	--	--	--	--	--	--	--
Chromium(VI) (b)	18540-29-9	ug/L	--	--	--	--	--	--	--	--	--
Chromium(VI)	18540-29-9	ug/L	--	--	--	--	--	--	--	--	--
Cobalt	7440-48-4	ug/L	--	--	--	--	--	--	--	--	--
Copper	7440-50-8	ug/L	--	--	--	--	--	--	--	--	--
Iron (Fe)	7439-89-6	ug/L	--	--	--	--	--	--	--	--	--
Lead	7439-92-1	ug/L	--	--	--	--	--	--	--	--	--
Magnesium (Mg)	7439-95-4	ug/L	--	--	--	--	--	--	--	--	--
Manganese (Mn)	7439-96-5	ug/L	--	--	--	--	--	--	--	--	--
Mercury	7439-97-6	ug/L	--	--	--	--	--	--	--	--	--
Nickel	7440-02-0	ug/L	--	--	--	--	--	--	--	--	--
Potassium (K)	7440-09-7	ug/L	--	--	--	--	--	--	--	--	--
Selenium	7782-49-2	ug/L	--	--	--	--	--	--	--	--	--
Silver	7440-22-4	ug/L	--	--	--	--	--	--	--	--	--
Sodium (Na)	7440-23-5	ug/L	--	--	--	--	--	--	--	--	--
Thallium	7440-28-0	ug/L	--	--	--	--	--	--	--	--	--
Vanadium	7440-62-2	ug/L	--	--	--	--	--	--	--	--	--
Zinc	7440-66-6	ug/L	--	--	--	--	--	--	--	--	--
Metals, Total											
Aluminum	7429-90-5	ug/L	499	657	517	516	500	524	460	509	597
Antimony	7440-36-0	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 UJ	< 1.0 U	< 1.0 U
Arsenic	7440-38-2	ug/L	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Barium	7440-39-3	ug/L	25.2	25.2	23.6	22.0	20.8	22.1	24.5	21.7	21.4
Beryllium	7440-41-7	ug/L	0.17 J	0.17 J	0.14 J	0.15 J	0.16 J	0.17 J	0.14 J	0.15 J	0.16 J

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID			CH-SWSD087	CH-SWSD088	CH-SWSD089	CH-SWSD090	CH-SWSD091	CH-SWSD092	CH-SWSD093	CH-SWSD094	CH-SWSD095
Sample ID			CH-SWSD087-SW01	CH-SWSD088-SW01	CH-SWSD089-SW01	CH-SWSD090-SW01	CH-SWSD091-SW01	CH-SWSD092-SW01	CH-SWSD093-SW01	CH-SWSD094-SW01	CH-SWSD095-SW01
Sample Date			6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017
Sample Type Code			N	N	N	N	N	N	N	N	N
Parent Sample ID											
Chemical	CAS	Units									
Metals, Total Continued											
Cadmium	7440-43-9	ug/L	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	2080	2240	2190	2400	2040	2170	2250	2040	2320
Chromium	7440-47-3	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 UJ	< 4.0 U	< 4.0 UJ
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	0.99 J	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	< 1 U	< 1 U	< 1 U	—	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 UJ
Chromium(VI)	18540-29-9	ug/L	—	—	—	0.33	—	—	—	—	—
Cobalt	7440-48-4	ug/L	0.63 J	0.58 J	0.60 J	0.51 J	0.53 J	0.64 J	0.56 J	0.55 J	0.53 J
Copper	7440-50-8	ug/L	0.76 J	0.96 J	0.84 J	0.94 J	0.78 J	0.91 J	1.0 J	0.90 J	0.81 J
Iron (Fe)	7439-89-6	ug/L	260	379	319	319	276	322	299	338	350
Lead	7439-92-1	ug/L	0.22 J	0.81 J	0.30 J	0.29 J	0.33 J	0.30 J	0.35 J	0.32 J	0.34 J
Magnesium (Mg)	7439-95-4	ug/L	2890	2720	2620	2680	2580	2710	2530	2580	2700
Manganese (Mn)	7439-96-5	ug/L	22.9	29.7	28.8	29.1	27.7	29.7	26.5	29.9	28.9
Mercury	7439-97-6	ug/L	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
Nickel	7440-02-0	ug/L	1.3 J	1.0 J	1.1 J	0.95 J	1.2 J	1.4 J	1.3 J	1.1 J	1.2 J
Potassium (K)	7440-09-7	ug/L	817	862	854	843	851	894	889	881	948
Selenium	7782-49-2	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Silver	7440-22-4	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	23000	22300	21500	21700	20900	21900	21000	20800	21500
Thallium	7440-28-0	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Vanadium	7440-62-2	ug/L	1.4	1.7	1.1	1.3	1.6	1.4	1.4	1.2	1.2
Zinc	7440-66-6	ug/L	8.2 J	9.2 J	18.4 J	7.2 J	7.5 J	8.8 J	8.4 J	7.6 J	8.5 J
PCBs											
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	—	—
SVOCs, Dissolved											
1,4-Dichlorobenzene	106-46-7	ug/L	—	—	—	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	ug/L	—	—	—	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	ug/L	—	—	—	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	ug/L	—	—	—	—	—	—	—	—	—
2-Methylphenol	95-48-7	ug/L	—	—	—	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	ug/L	—	—	—	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	ug/L	—	—	—	—	—	—	—	—	—
4-Chloroaniline	106-47-8	ug/L	—	—	—	—	—	—	—	—	—
Acenaphthene	83-32-9	ug/L	—	—	—	—	—	—	—	—	—
Acenaphthylene	208-96-8	ug/L	—	—	—	—	—	—	—	—	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD087	CH-SWSD088	CH-SWSD089	CH-SWSD090	CH-SWSD091	CH-SWSD092	CH-SWSD093	CH-SWSD094	CH-SWSD095
Sample ID		CH-SWSD087-SW01	CH-SWSD088-SW01	CH-SWSD089-SW01	CH-SWSD090-SW01	CH-SWSD091-SW01	CH-SWSD092-SW01	CH-SWSD093-SW01	CH-SWSD094-SW01	CH-SWSD095-SW01
Sample Date		6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017
Sample Type Code		N	N	N	N	N	N	N	N	N
Parent Sample ID										
Chemical	CAS	Units								
SVOCs, Dissolved Continued										
Anthracene	120-12-7	ug/L	—	—	—	—	—	—	—	—
Benzaldehyde	100-52-7	ug/L	—	—	—	—	—	—	—	—
Benzo(a)anthracene	56-55-3	ug/L	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	ug/L	—	—	—	—	—	—	—	—
Benzo(b)fluoranthene	205-99-2	ug/L	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	ug/L	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	ug/L	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	ug/L	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	ug/L	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	ug/L	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	ug/L	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	ug/L	—	—	—	—	—	—	—	—
Chrysene	218-01-9	ug/L	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	ug/L	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	ug/L	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	ug/L	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	ug/L	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	ug/L	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	ug/L	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	ug/L	—	—	—	—	—	—	—	—
Fluorene	86-73-7	ug/L	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	ug/L	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	ug/L	—	—	—	—	—	—	—	—
Pyrene	129-00-0	ug/L	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	ug/L	—	—	—	—	—	—	—	—
SVOCs, Total										
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1-Methylnaphthalene	90-12-0	ug/L	0.016 J	0.013 J	0.014 J	0.011 J	< 0.040 U	< 0.041 U	0.011 J	0.012 J
2-Chloronaphthalene	91-58-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
2-Methylnaphthalene	91-57-6	ug/L	0.016 J	0.012 J	0.014 J	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	0.011 J
2-Methylphenol	95-48-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
3,4-Methylphenol	108394/106445	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
4-Chloroaniline	106-47-8	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.0 U
Acenaphthene	83-32-9	ug/L	0.074	0.056	0.052	0.057	0.050 J	0.041 J	0.042 J	0.050 J
Acenaphthylene	208-96-8	ug/L	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U
Anthracene	120-12-7	ug/L	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.040 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID			CH-SWSD087	CH-SWSD088	CH-SWSD089	CH-SWSD090	CH-SWSD091	CH-SWSD092	CH-SWSD093	CH-SWSD094	CH-SWSD095
Sample ID			CH-SWSD087-SW01	CH-SWSD088-SW01	CH-SWSD089-SW01	CH-SWSD090-SW01	CH-SWSD091-SW01	CH-SWSD092-SW01	CH-SWSD093-SW01	CH-SWSD094-SW01	CH-SWSD095-SW01
Sample Date			6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017
Sample Type Code			N	N	N	N	N	N	N	N	N
Parent Sample ID											
Chemical	CAS	Units									
SVOCs, Total Continued											
Benzaldehyde	100-52-7	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.0 U
Benzo(a)anthracene	56-55-3	ug/L	< 0.040 U	0.044 J	0.011 J	< 0.040 U	< 0.040 U	0.011 J	< 0.041 U	< 0.041 U	< 0.040 UJ
Benzo(a)pyrene	50-32-8	ug/L	< 0.040 U	0.035 J	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.040 U
Benzo(b)fluoranthene	205-99-2	ug/L	0.016 J	0.073	0.018 J	0.016 J	0.015 J	0.019 J	0.017 J	0.018 J	0.015 J
Benzo(g,h,i)perylene	191-24-2	ug/L	< 0.040 U	0.020 J	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.040 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.040 U	0.031 J	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.040 UJ
Benzoic acid	65-85-0	ug/L	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.0 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.0 U
Caprolactam	105-60-2	ug/L	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U
CARBAZOLE	86-74-8	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Chrysene	218-01-9	ug/L	0.015 J	0.054	0.017 J	0.016 J	0.015 J	0.018 J	0.016 J	0.018 J	0.016 J
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.040 U
Dibenzofuran	132-64-9	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.0 U
Dimethyl phthalate	131-11-3	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.0 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.0 U
Di-n-octyl phthalate	117-84-0	ug/L	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.0 U
Fluoranthene	206-44-0	ug/L	0.015 J	0.057	0.020 J	0.016 J	0.016 J	0.018 J	0.017 J	0.022 J	0.017 J
Fluorene	86-73-7	ug/L	0.019 J	0.015 J	0.015 J	0.012 J	0.013 J	0.011 J	< 0.041 U	0.012 J	0.011 J
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	< 0.040 U	0.022 J	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.040 UJ
Naphthalene	91-20-3	ug/L	0.042 J	0.035 J	0.051 J	0.031 J	0.040 J	0.041 J	0.046 J	0.033 J	0.038 J
Phenanthrene	85-01-8	ug/L	< 0.060 U	< 0.061 U	< 0.061 U	< 0.060 U	< 0.061 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.061 U
Pyrene	129-00-0	ug/L	0.011 J	0.060	0.016 J	0.012 J	0.011 J	0.016 J	0.012 J	0.015 J	0.011 J
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	0.0038	0.057	0.0051	0.0038	0.0036	0.0053	0.0040	0.0043	0.0036
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	0.13	0.37	0.14	0.13	0.12	0.14	0.14	0.15	0.13
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	0.23	0.25	0.22	0.20	0.20	0.19	0.19	0.21	0.20
Total PAHs Calculated	CALC-PAH	ug/L	0.37	0.63	0.36	0.34	0.32	0.33	0.33	0.37	0.33

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

	Location ID		CH-SWSD095	CH-SWSD098	CH-SWSD098	CH-SWSD099	CH-SWSD100	CH-SWSD100	CH-SWSD101	CH-SWSD101	CH-SWSD102
	Sample ID		CH-SWSD095-SW01D	CH-SWSD098-SW01	CH-SWSD098-SW01-F	CH-SWSD099-SW01	CH-SWSD100-SW01	CH-SWSD100-SW01D	CH-SWSD101-SW01	CH-SWSD101-SW01-F	CH-SWSD102-SW01
	Sample Date		6/5/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/1/2017	6/1/2017	6/1/2017
	Sample Type Code		FD	N	N	N	N	FD	N	N	N
	Parent Sample ID		CH-SWSD095-SW01					CH-SWSD100-SW01			
Chemical	CAS	Units									
Field											
Dissolved Oxygen	DO	mg/L	—	3.57	—	4.23	4.98	—	4.65	—	3.97
Oxidation Reduction Potential	ORP	mV	—	79.3	—	158.9	194.1	—	—	—	—
pH	PH	PH	—	5.96	—	5.84	5.92	—	6.46	—	6.41
Specific Conductance	SC	ms/cm	—	0.155	—	0.163	0.156	—	0.163	—	0.163
Temperature	TEMP	deg C	—	15.22	—	14.04	14.98	—	19.65	—	19.41
Turbidity	TURB	NTU	—	66.1	—	7.2	2.2	—	8.3	—	6.2
General Chemistry, Dissolved											
Total hardness	HARDNESS	ug/L	—	—	36200	—	—	—	—	35100	—
General Chemistry, Total											
Total hardness	HARDNESS	ug/L	16100	53500	—	36100	35600	34000	35800	—	34600
Metals, Dissolved											
Aluminum	7429-90-5	ug/L	—	—	302	—	—	—	—	244	—
Antimony	7440-36-0	ug/L	—	—	< 1.0 U	—	—	—	—	< 1.0 U	—
Arsenic	7440-38-2	ug/L	—	—	< 2.0 U	—	—	—	—	< 2.0 U	—
Barium	7440-39-3	ug/L	—	—	13.1	—	—	—	—	23.3	—
Beryllium	7440-41-7	ug/L	—	—	< 0.25 U	—	—	—	—	< 0.25 U	—
Cadmium	7440-43-9	ug/L	—	—	< 0.50 U	—	—	—	—	< 0.50 U	—
Calcium (Ca)	7440-70-2	ug/L	—	—	9560	—	—	—	—	7580	—
Chromium	7440-47-3	ug/L	—	—	0.78 J	—	—	—	—	< 4.0 U	—
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	—	—	0.2 J	—	—	—	—	< 1 U	—
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	—	—	1.4	—	—	—	—	0.42 J	—
Copper	7440-50-8	ug/L	—	—	1.4 J	—	—	—	—	1.6 J	—
Iron (Fe)	7439-89-6	ug/L	—	—	391	—	—	—	—	702	—
Lead	7439-92-1	ug/L	—	—	0.35 J	—	—	—	—	0.24 J	—
Magnesium (Mg)	7439-95-4	ug/L	—	—	2980	—	—	—	—	3930	—
Manganese (Mn)	7439-96-5	ug/L	—	—	66.7	—	—	—	—	36.0	—
Mercury	7439-97-6	ug/L	—	—	< 0.10 U	—	—	—	—	< 0.20 U	—
Nickel	7440-02-0	ug/L	—	—	0.87 J	—	—	—	—	2.0 J	—
Potassium (K)	7440-09-7	ug/L	—	—	1300	—	—	—	—	1500	—
Selenium	7782-49-2	ug/L	—	—	< 1.0 U	—	—	—	—	< 1.0 U	—
Silver	7440-22-4	ug/L	—	—	< 0.25 U	—	—	—	—	< 0.25 UJ	—
Sodium (Na)	7440-23-5	ug/L	—	—	13200	—	—	—	—	18000	—
Thallium	7440-28-0	ug/L	—	—	< 0.25 U	—	—	—	—	< 0.25 U	—
Vanadium	7440-62-2	ug/L	—	—	1.0	—	—	—	—	0.94 J	—
Zinc	7440-66-6	ug/L	—	—	4.5 J	—	—	—	—	11.8 J	—
Metals, Total											
Aluminum	7429-90-5	ug/L	745	1580	—	412	486	417	274	—	257
Antimony	7440-36-0	ug/L	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U
Arsenic	7440-38-2	ug/L	< 2.0 U	1.5 J	—	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	—	< 2.0 U
Barium	7440-39-3	ug/L	26.9	44.9	—	18.0	18.6	17.1	27.4	—	22.6
Beryllium	7440-41-7	ug/L	0.15 J	0.18 J	—	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	—	< 0.25 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD095	CH-SWSD098	CH-SWSD098	CH-SWSD099	CH-SWSD100	CH-SWSD100	CH-SWSD101	CH-SWSD101	CH-SWSD102
		Sample ID	CH-SWSD095-SW01D	CH-SWSD098-SW01	CH-SWSD098-SW01-F	CH-SWSD099-SW01	CH-SWSD100-SW01	CH-SWSD100-SW01D	CH-SWSD101-SW01	CH-SWSD101-SW01-F	CH-SWSD102-SW01
		Sample Date	6/5/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/1/2017	6/1/2017	6/1/2017
		Sample Type Code	FD	N	N	N	N	FD	N	N	N
		Parent Sample ID	CH-SWSD095-SW01					CH-SWSD100-SW01			
Chemical	CAS	Units									
Metals, Total Continued											
Cadmium	7440-43-9	ug/L	< 0.50 U	0.35 J	—	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	—	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	2170	15500	—	9560	9350	8950	7810	—	7620
Chromium	7440-47-3	ug/L	< 4.0 UJ	1.8 J	—	0.81 J	0.87 J	0.97 J	0.87 J	—	1.0 J
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	0.70 J	0.85 J	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	< 1 UJ	0.5 J	—	0.2 J	—	—	0.3 J	—	0.3 J
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	0.17	0.13	—	—	—
Cobalt	7440-48-4	ug/L	0.54 J	5.2	—	0.99 J	0.37 J	0.37 J	0.45 J	—	0.64 J
Copper	7440-50-8	ug/L	1.1 J	8.9	—	1.3 J	1.3 J	1.3 J	1.3 J	—	1.3 J
Iron (Fe)	7439-89-6	ug/L	333	3590	—	482	322	302	808	—	812
Lead	7439-92-1	ug/L	0.86 J	10.2	—	0.44 J	0.40 J	0.45 J	0.29 J	—	0.34 J
Magnesium (Mg)	7439-95-4	ug/L	2600	3570	—	2960	2980	2820	3940	—	3780
Manganese (Mn)	7439-96-5	ug/L	29.8	184	—	31.4	14.4	14.3	35.6	—	58.2
Mercury	7439-97-6	ug/L	< 0.10 U	0.080 J	—	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	—	< 0.10 U
Nickel	7440-02-0	ug/L	0.92 J	3.1 J	—	1.0 J	1.2 J	1.4 J	2.1 J	—	2.1 J
Potassium (K)	7440-09-7	ug/L	914	1520	—	1250	1280	1200	1550	—	1440
Selenium	7782-49-2	ug/L	< 1.0 U	0.92 J	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U
Silver	7440-22-4	ug/L	< 0.25 U	< 0.25 U	—	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	—	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	21000	13200	—	12000	13800	13300	18100	—	17800
Thallium	7440-28-0	ug/L	< 0.25 U	< 0.25 U	—	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	—	< 0.25 U
Vanadium	7440-62-2	ug/L	1.5	6.0	—	1.3	1.5	1.4	0.69 J	—	0.81 J
Zinc	7440-66-6	ug/L	8.9 J	39.4	—	5.8 J	3.8 J	5.6 J	34.8	—	5.6 J
PCBs											
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	—	—
SVOCs, Dissolved											
1,4-Dichlorobenzene	106-46-7	ug/L	—	—	< 1.0 U	—	—	—	—	< 1.0 U	—
1-Methylnaphthalene	90-12-0	ug/L	—	—	0.018 J	—	—	—	—	< 0.041 U	—
2-Chloronaphthalene	91-58-7	ug/L	—	—	< 1.0 U	—	—	—	—	< 1.0 U	—
2-Methylnaphthalene	91-57-6	ug/L	—	—	0.022 J	—	—	—	—	< 0.041 U	—
2-Methylphenol	95-48-7	ug/L	—	—	< 1.0 U	—	—	—	—	< 1.0 U	—
3,4-Methylphenol	108394/106445	ug/L	—	—	< 1.0 U	—	—	—	—	< 1.0 U	—
4-Chloro-3-methylphenol	59-50-7	ug/L	—	—	< 1.0 U	—	—	—	—	< 1.0 U	—
4-Chloroaniline	106-47-8	ug/L	—	—	< 4.0 U	—	—	—	—	< 4.1 U	—
Acenaphthene	83-32-9	ug/L	—	—	0.034 J	—	—	—	—	< 0.041 U	—
Acenaphthylene	208-96-8	ug/L	—	—	< 0.040 U	—	—	—	—	< 0.041 U	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD095	CH-SWSD098	CH-SWSD098	CH-SWSD099	CH-SWSD100	CH-SWSD100	CH-SWSD101	CH-SWSD101	CH-SWSD102
		Sample ID	CH-SWSD095-SW01D	CH-SWSD098-SW01	CH-SWSD098-SW01-F	CH-SWSD099-SW01	CH-SWSD100-SW01	CH-SWSD100-SW01D	CH-SWSD101-SW01	CH-SWSD101-SW01-F	CH-SWSD102-SW01
		Sample Date	6/5/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/1/2017	6/1/2017	6/1/2017
		Sample Type Code	FD	N	N	N	N	FD	N	N	N
		Parent Sample ID	CH-SWSD095-SW01					CH-SWSD100-SW01			
Chemical	CAS	Units									
SVOCs, Dissolved Continued											
Anthracene	120-12-7	ug/L	—	—	< 0.040 U	—	—	—	—	< 0.041 U	—
Benzaldehyde	100-52-7	ug/L	—	—	< 4.0 U	—	—	—	—	< 4.1 U	—
Benzo(a)anthracene	56-55-3	ug/L	—	—	< 0.040 U	—	—	—	—	< 0.041 U	—
Benzo(a)pyrene	50-32-8	ug/L	—	—	< 0.040 U	—	—	—	—	< 0.041 U	—
Benzo(b)fluoranthene	205-99-2	ug/L	—	—	< 0.040 U	—	—	—	—	< 0.041 U	—
Benzo(g,h,i)perylene	191-24-2	ug/L	—	—	< 0.040 U	—	—	—	—	< 0.041 U	—
Benzo(k)fluoranthene	207-08-9	ug/L	—	—	< 0.040 U	—	—	—	—	< 0.041 U	—
Benzoic acid	65-85-0	ug/L	—	—	< 15 U	—	—	—	—	< 15 U	—
Biphenyl, 1,1'-	92-52-4	ug/L	—	—	< 1.0 U	—	—	—	—	< 1.0 U	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	—	< 4.0 U	—	—	—	—	< 4.1 U	—
Butyl benzyl phthalate	85-68-7	ug/L	—	—	< 4.0 U	—	—	—	—	< 4.1 U	—
Caprolactam	105-60-2	ug/L	—	—	< 15 U	—	—	—	—	< 15 U	—
CARBAZOLE	86-74-8	ug/L	—	—	< 1.0 U	—	—	—	—	< 1.0 U	—
Chrysene	218-01-9	ug/L	—	—	< 0.040 U	—	—	—	—	< 0.041 U	—
Dibenz(a,h)anthracene	53-70-3	ug/L	—	—	< 0.040 U	—	—	—	—	< 0.041 U	—
Dibenzofuran	132-64-9	ug/L	—	—	< 1.0 U	—	—	—	—	< 1.0 U	—
Diethyl phthalate	84-66-2	ug/L	—	—	< 4.0 U	—	—	—	—	< 4.1 U	—
Dimethyl phthalate	131-11-3	ug/L	—	—	< 4.0 U	—	—	—	—	< 4.1 U	—
Di-n-butyl phthalate	84-74-2	ug/L	—	—	< 4.0 U	—	—	—	—	< 4.1 U	—
Di-n-octyl phthalate	117-84-0	ug/L	—	—	< 4.0 U	—	—	—	—	< 4.1 U	—
Fluoranthene	206-44-0	ug/L	—	—	< 0.040 U	—	—	—	—	< 0.041 U	—
Fluorene	86-73-7	ug/L	—	—	< 0.040 U	—	—	—	—	< 0.041 U	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	—	< 0.040 U	—	—	—	—	< 0.041 U	—
Naphthalene	91-20-3	ug/L	—	—	< 0.060 U	—	—	—	—	< 0.062 U	—
Phenanthrene	85-01-8	ug/L	—	—	< 0.060 U	—	—	—	—	< 0.062 U	—
Pyrene	129-00-0	ug/L	—	—	< 0.040 U	—	—	—	—	< 0.041 U	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	—	< 0.092	—	—	—	—	< 0.095	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	—	< 0.36	—	—	—	—	< 0.37	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	—	0.22	—	—	—	—	< 0.41	—
Total PAHs Calculated	CALC-PAH	ug/L	—	—	0.44	—	—	—	—	< 0.78	—
SVOCs, Total											
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	—	< 1.1 U
1-Methylnaphthalene	90-12-0	ug/L	0.012 J	0.074	—	0.015 J	< 0.040 U	< 0.041 U	< 0.043 U	—	0.059
2-Chloronaphthalene	91-58-7	ug/L	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	—	< 1.1 U
2-Methylnaphthalene	91-57-6	ug/L	< 0.041 UJ	0.086	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	—	0.045 J
2-Methylphenol	95-48-7	ug/L	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	—	< 1.1 U
3,4-Methylphenol	108394/106445	ug/L	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	—	< 1.1 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	—	< 1.1 U
4-Chloroaniline	106-47-8	ug/L	< 4.1 U	< 4.0 U	—	< 4.0 U	< 4.0 U	< 4.1 U	< 4.3 U	—	< 4.2 U
Acenaphthene	83-32-9	ug/L	0.056	0.093	—	0.056	0.013 J	0.012 J	0.014 J	—	0.15
Acenaphthylene	208-96-8	ug/L	< 0.041 U	0.18	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	—	< 0.042 U
Anthracene	120-12-7	ug/L	< 0.041 U	0.30	—	< 0.040 U	< 0.040 U	< 0.041 U	0.012 J	—	0.012 J

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD095	CH-SWSD098	CH-SWSD098	CH-SWSD099	CH-SWSD100	CH-SWSD100	CH-SWSD101	CH-SWSD101	CH-SWSD102
		Sample ID	CH-SWSD095-SW01D	CH-SWSD098-SW01	CH-SWSD098-SW01-F	CH-SWSD099-SW01	CH-SWSD100-SW01	CH-SWSD100-SW01D	CH-SWSD101-SW01	CH-SWSD101-SW01-F	CH-SWSD102-SW01
		Sample Date	6/5/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/1/2017	6/1/2017	6/1/2017
		Sample Type Code	FD	N	N	N	N	FD	N	N	N
		Parent Sample ID	CH-SWSD095-SW01					CH-SWSD100-SW01			
Chemical	CAS	Units									
SVOCs, Total Continued											
Benzaldehyde	100-52-7	ug/L	< 4.1 U	< 4.0 U	—	< 4.0 U	< 4.0 U	< 4.1 U	< 4.3 U	—	< 4.2 U
Benzo(a)anthracene	56-55-3	ug/L	0.012 J	0.76	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	—	< 0.042 U
Benzo(a)pyrene	50-32-8	ug/L	< 0.041 U	0.71	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	—	< 0.042 U
Benzo(b)fluoranthene	205-99-2	ug/L	0.027 J	1.6	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	—	< 0.042 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 0.041 U	0.43	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	—	< 0.042 U
Benzo(k)fluoranthene	207-08-9	ug/L	0.012 J	0.63	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	—	< 0.042 U
Benzoic acid	65-85-0	ug/L	< 15 U	< 15 U	—	< 15 U	< 15 U	< 15 U	< 16 U	—	< 16 U
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	—	< 1.1 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.1 U	< 4.0 U	—	< 4.0 U	< 4.0 U	< 4.1 U	< 4.3 U	—	< 4.2 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.1 U	< 4.0 U	—	< 4.0 U	< 4.0 U	< 4.1 U	< 4.3 U	—	< 4.2 U
Caprolactam	105-60-2	ug/L	< 15 U	< 15 U	—	< 15 U	< 15 U	< 15 U	< 16 U	—	< 16 U
CARBAZOLE	86-74-8	ug/L	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	—	< 1.1 U
Chrysene	218-01-9	ug/L	0.024 J	1.7	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	—	< 0.042 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.041 U	0.11	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	—	< 0.042 U
Dibenzofuran	132-64-9	ug/L	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	—	< 1.1 U
Diethyl phthalate	84-66-2	ug/L	< 4.1 U	< 4.0 U	—	< 4.0 U	< 4.0 U	< 4.1 U	< 4.3 U	—	< 4.2 U
Dimethyl phthalate	131-11-3	ug/L	< 4.1 U	< 4.0 U	—	< 4.0 U	< 4.0 U	< 4.1 U	< 4.3 U	—	< 4.2 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.1 U	< 4.0 U	—	< 4.0 U	< 4.0 U	< 4.1 U	< 4.3 U	—	< 4.2 U
Di-n-octyl phthalate	117-84-0	ug/L	< 4.1 U	< 4.0 U	—	< 4.0 U	< 4.0 U	< 4.1 U	< 4.3 U	—	< 4.2 U
Fluoranthene	206-44-0	ug/L	0.023 J	2.8	—	0.011 J	< 0.040 U	< 0.041 U	< 0.043 U	—	< 0.042 U
Fluorene	86-73-7	ug/L	0.013 J	0.063	—	0.013 J	< 0.040 U	< 0.041 U	< 0.043 U	—	0.046 J
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	0.011 J	0.44	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	—	< 0.042 U
Naphthalene	91-20-3	ug/L	0.040 J	0.057 J	—	0.036 J	< 0.061 U	< 0.061 U	< 0.065 U	—	0.13
Phenanthrene	85-01-8	ug/L	< 0.061 U	0.90	—	< 0.060 U	< 0.061 U	< 0.061 U	< 0.065 U	—	< 0.063 U
Pyrene	129-00-0	ug/L	0.018 J	2.3	—	< 0.040 U	< 0.040 U	< 0.041 U	< 0.043 U	—	< 0.042 U
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	0.0072	1.1	—	< 0.092	< 0.092	< 0.095	< 0.099	—	< 0.097
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	0.16	8.7	—	< 0.36	< 0.36	< 0.37	< 0.39	—	< 0.38
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	0.24	4.6	—	0.21	0.38	0.38	0.12	—	0.50
Total PAHs Calculated	CALC-PAH	ug/L	0.39	13	—	0.38	0.74	0.75	0.23	—	0.59

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID			CH-SWSD102	CH-SWSD103	CH-SWSD103	CH-SWSD104	CH-SWSD104	CH-SWSD105	CH-SWSD105	CH-SWSD105	CH-SWSD105
Sample ID			CH-SWSD102-SW01-F	CH-SWSD103-SW01	CH-SWSD103-SW01-F	CH-SWSD104-SW01	CH-SWSD104-SW01-F	CH-SWSD105-SW01	CH-SWSD105-SW01D	CH-SWSD105-SW01D-F	CH-SWSD105-SW01-F
Sample Date			6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017
Sample Type Code			N	N	N	N	N	N	FD	FD	N
Parent Sample ID									CH-SWSD105-SW01	CH-SWSD105-SW01-F	
Chemical	CAS	Units									
Field											
Dissolved Oxygen	DO	mg/L	—	4.55	—	7.06	—	6.91	—	—	—
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	—	—	—
pH	PH	PH	—	6.34	—	6.33	—	6.52	—	—	—
Specific Conductance	SC	ms/cm	—	0.159	—	0.152	—	0.154	—	—	—
Temperature	TEMP	deg C	—	19.94	—	18.69	—	18.52	—	—	—
Turbidity	TURB	NTU	—	7.8	—	6.5	—	5.9	—	—	—
General Chemistry, Dissolved											
Total hardness	HARDNESS	ug/L	35400	—	34100	—	30200	—	—	33500	33500
General Chemistry, Total											
Total hardness	HARDNESS	ug/L	—	32800	—	30700	—	34000	32600	—	—
Metals, Dissolved											
Aluminum	7429-90-5	ug/L	248	—	289	—	220	—	—	145 J	147 J
Antimony	7440-36-0	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	< 1.0 U	< 1.0 U
Arsenic	7440-38-2	ug/L	< 2.0 U	—	< 2.0 U	—	< 2.0 U	—	—	< 2.0 U	< 2.0 U
Barium	7440-39-3	ug/L	27.0	—	24.3	—	15.9	—	—	14.7	13.4
Beryllium	7440-41-7	ug/L	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	—	< 0.25 U	< 0.25 U
Cadmium	7440-43-9	ug/L	< 0.50 U	—	< 0.50 U	—	< 0.50 U	—	—	< 0.50 U	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	7780	—	7890	—	6860	—	—	7830	7780
Chromium	7440-47-3	ug/L	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	—	< 4.0 U	< 4.0 U
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	< 1 U	—	< 1 U	—	< 1 U	—	—	< 1 U	< 1 U
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	0.62 J	—	1.2	—	< 0.50 U	—	—	< 0.50 U	< 0.50 U
Copper	7440-50-8	ug/L	1.4 J	—	1.4 J	—	1.5 J	—	—	1.1 J	1.2 J
Iron (Fe)	7439-89-6	ug/L	697	—	1380	—	271	—	—	192 J	231
Lead	7439-92-1	ug/L	0.29 J	—	0.47 J	—	0.32 J	—	—	0.22 J	0.27 J
Magnesium (Mg)	7439-95-4	ug/L	3880	—	3500	—	3180	—	—	3390	3420
Manganese (Mn)	7439-96-5	ug/L	61.6	—	151	—	22.3	—	—	9.3	10.6
Mercury	7439-97-6	ug/L	< 0.20 U	—	< 0.20 U	—	< 0.10 U	—	—	< 0.20 U	< 0.20 U
Nickel	7440-02-0	ug/L	1.8 J	—	1.6 J	—	0.97 J	—	—	0.99 J	< 2.0 UJ
Potassium (K)	7440-09-7	ug/L	1500	—	1360	—	1230	—	—	1060	1050
Selenium	7782-49-2	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	< 1.0 U	< 1.0 U
Silver	7440-22-4	ug/L	< 0.25 UJ	—	< 0.25 UJ	—	< 0.25 UJ	—	—	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	17900	—	17100	—	16200	—	—	15600	15700
Thallium	7440-28-0	ug/L	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	—	< 0.25 U	< 0.25 U
Vanadium	7440-62-2	ug/L	1.0	—	1.4	—	1.2	—	—	1.1	1.1
Zinc	7440-66-6	ug/L	10.1 J	—	11.3 J	—	4.2 J	—	—	3.6 J	13.2 J
Metals, Total											
Aluminum	7429-90-5	ug/L	—	334	—	262	—	197 J	181 J	—	—
Antimony	7440-36-0	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U	—	—
Arsenic	7440-38-2	ug/L	—	< 2.0 U	—	< 2.0 U	—	< 2.0 U	< 2.0 U	—	—
Barium	7440-39-3	ug/L	—	21.7	—	18.1	—	16.2	14.7	—	—
Beryllium	7440-41-7	ug/L	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	< 0.25 U	—	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Chemical	CAS	Units	Location ID	CH-SWSD102	CH-SWSD103	CH-SWSD103	CH-SWSD104	CH-SWSD104	CH-SWSD105	CH-SWSD105	CH-SWSD105	CH-SWSD105	
			Sample ID	CH-SWSD102-SW01-F	CH-SWSD103-SW01	CH-SWSD103-SW01-F	CH-SWSD104-SW01	CH-SWSD104-SW01-F	CH-SWSD105-SW01	CH-SWSD105-SW01D	CH-SWSD105-SW01D-F	CH-SWSD105-SW01-F	
			Sample Date	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017
			Sample Type Code	N	N	N	N	N	N	N	FD	FD	N
			Parent Sample ID								CH-SWSD105-SW01	CH-SWSD105-SW01-F	
Metals, Total Continued													
Cadmium	7440-43-9	ug/L	—	< 0.50 U	—	< 0.50 U	—	< 0.50 U	< 0.50 U	—	—	—	
Calcium (Ca)	7440-70-2	ug/L	—	7340	—	6960	—	7870	7500	—	—	—	
Chromium	7440-47-3	ug/L	—	1.1 J	—	0.73 J	—	0.69 J	0.75 J	—	—	—	
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—	—	—	
Chromium(VI) (b)	18540-29-9	ug/L	—	0.3 J	—	0.2 J	—	0.2 J	0.2 J	—	—	—	
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—	—	
Cobalt	7440-48-4	ug/L	—	1.2	—	0.23 J	—	< 0.50 U	< 0.50 U	—	—	—	
Copper	7440-50-8	ug/L	—	1.5 J	—	1.4 J	—	1.1 J	1.1 J	—	—	—	
Iron (Fe)	7439-89-6	ug/L	—	1470	—	395	—	305	289	—	—	—	
Lead	7439-92-1	ug/L	—	0.55 J	—	0.53 J	—	0.34 J	0.40 J	—	—	—	
Magnesium (Mg)	7439-95-4	ug/L	—	3510	—	3240	—	3480	3380	—	—	—	
Manganese (Mn)	7439-96-5	ug/L	—	147	—	22.4	—	9.7	9.9	—	—	—	
Mercury	7439-97-6	ug/L	—	< 0.10 U	—	< 0.10 U	—	< 0.10 U	< 0.10 U	—	—	—	
Nickel	7440-02-0	ug/L	—	1.8 J	—	1.1 J	—	< 2.0 U	< 2.0 U	—	—	—	
Potassium (K)	7440-09-7	ug/L	—	1390	—	1260	—	1080	1040	—	—	—	
Selenium	7782-49-2	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U	—	—	—	
Silver	7440-22-4	ug/L	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	< 0.25 U	—	—	—	
Sodium (Na)	7440-23-5	ug/L	—	17500	—	16900	—	15900	15600	—	—	—	
Thallium	7440-28-0	ug/L	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	< 0.25 U	—	—	—	
Vanadium	7440-62-2	ug/L	—	1.2	—	1.1	—	0.76 J	0.91 J	—	—	—	
Zinc	7440-66-6	ug/L	—	3.7 J	—	8.1 J	—	< 7.5 U	< 7.5 U	—	—	—	
PCBs													
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	—	—	—	
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	—	—	—	
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	—	—	—	
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	—	—	—	
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	—	—	—	
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	—	—	—	
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	—	—	—	
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	—	—	—	
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	—	—	—	
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	—	—	—	
SVOCs, Dissolved													
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	< 1.1 U	< 1.1 U	< 1.1 U	
1-Methylnaphthalene	90-12-0	ug/L	< 0.041 U	—	0.033 J	—	< 0.041 U	—	—	< 0.043 U	< 0.043 U	< 0.043 U	
2-Chloronaphthalene	91-58-7	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	< 1.1 U	< 1.1 U	< 1.1 U	
2-Methylnaphthalene	91-57-6	ug/L	< 0.041 U	—	0.023 J	—	< 0.041 U	—	—	< 0.043 U	< 0.043 U	< 0.043 U	
2-Methylphenol	95-48-7	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	< 1.1 U	< 1.1 U	< 1.1 U	
3,4-Methylphenol	108394/106445	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	< 1.1 U	< 1.1 U	< 1.1 U	
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	< 1.1 U	< 1.1 U	< 1.1 U	
4-Chloroaniline	106-47-8	ug/L	< 4.1 U	—	< 4.2 U	—	< 4.1 U	—	—	< 4.3 U	< 4.3 U	< 4.3 U	
Acenaphthene	83-32-9	ug/L	< 0.041 U	—	0.080	—	< 0.041 U	—	—	< 0.043 U	< 0.043 U	< 0.043 U	
Acenaphthylene	208-96-8	ug/L	< 0.041 U	—	< 0.042 U	—	< 0.041 U	—	—	< 0.043 U	< 0.043 U	< 0.043 U	

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Chemical	Location ID		CH-SWSD102	CH-SWSD103	CH-SWSD103	CH-SWSD104	CH-SWSD104	CH-SWSD105	CH-SWSD105	CH-SWSD105	CH-SWSD105
	Sample ID		CH-SWSD102-SW01-F	CH-SWSD103-SW01	CH-SWSD103-SW01-F	CH-SWSD104-SW01	CH-SWSD104-SW01-F	CH-SWSD105-SW01	CH-SWSD105-SW01D	CH-SWSD105-SW01D-F	CH-SWSD105-SW01-F
	Sample Date		6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017
	Sample Type Code		N	N	N	N	N	N	N	FD	FD
	Parent Sample ID								CH-SWSD105-SW01	CH-SWSD105-SW01-F	N
CAS	Units										
SVOCs, Dissolved Continued											
Anthracene	120-12-7	ug/L	< 0.041 U	—	< 0.042 U	—	< 0.041 U	—	—	< 0.043 U	< 0.043 U
Benzaldehyde	100-52-7	ug/L	< 4.1 U	—	< 4.2 U	—	< 4.1 U	—	—	< 4.3 U	< 4.3 U
Benzo(a)anthracene	56-55-3	ug/L	< 0.041 U	—	< 0.042 U	—	< 0.041 U	—	—	< 0.043 U	< 0.043 U
Benzo(a)pyrene	50-32-8	ug/L	< 0.041 U	—	< 0.042 U	—	< 0.041 U	—	—	< 0.043 U	< 0.043 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 0.041 U	—	< 0.042 U	—	< 0.041 U	—	—	< 0.043 U	< 0.043 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 0.041 U	—	< 0.042 U	—	< 0.041 U	—	—	< 0.043 U	< 0.043 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.041 U	—	< 0.042 U	—	< 0.041 U	—	—	< 0.043 U	< 0.043 U
Benzoic acid	65-85-0	ug/L	< 16 U	—	< 16 U	—	< 15 U	—	—	< 16 U	< 16 U
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	< 1.1 U	< 1.1 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.1 U	—	< 4.2 U	—	< 4.1 U	—	—	< 4.3 U	< 4.3 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.1 U	—	< 4.2 U	—	< 4.1 U	—	—	< 4.3 U	< 4.3 U
Caprolactam	105-60-2	ug/L	< 16 U	—	< 16 U	—	< 15 U	—	—	< 16 U	< 16 U
CARBAZOLE	86-74-8	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	< 1.1 U	< 1.1 U
Chrysene	218-01-9	ug/L	< 0.041 U	—	< 0.042 U	—	< 0.041 U	—	—	< 0.043 U	< 0.043 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.041 U	—	< 0.042 U	—	< 0.041 U	—	—	< 0.043 U	< 0.043 U
Dibenzofuran	132-64-9	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	< 1.1 U	< 1.1 U
Diethyl phthalate	84-66-2	ug/L	< 4.1 U	—	< 4.2 U	—	< 4.1 U	—	—	< 4.3 U	< 4.3 U
Dimethyl phthalate	131-11-3	ug/L	< 4.1 U	—	< 4.2 U	—	< 4.1 U	—	—	< 4.3 U	< 4.3 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.1 U	—	< 4.2 U	—	< 4.1 U	—	—	5.0 J	2.2 J
Di-n-octyl phthalate	117-84-0	ug/L	< 4.1 U	—	< 4.2 U	—	< 4.1 U	—	—	< 4.3 U	< 4.3 U
Fluoranthene	206-44-0	ug/L	< 0.041 U	—	< 0.042 U	—	< 0.041 U	—	—	< 0.043 U	< 0.043 U
Fluorene	86-73-7	ug/L	< 0.041 U	—	0.021 J	—	< 0.041 U	—	—	< 0.043 U	< 0.043 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	< 0.041 U	—	< 0.042 U	—	< 0.041 U	—	—	< 0.043 U	< 0.043 U
Naphthalene	91-20-3	ug/L	0.064	—	0.11	—	0.049 J	—	—	< 0.064 U	< 0.064 U
Phenanthrene	85-01-8	ug/L	< 0.062 U	—	< 0.063 U	—	< 0.061 U	—	—	< 0.064 U	< 0.064 U
Pyrene	129-00-0	ug/L	< 0.041 U	—	< 0.042 U	—	< 0.041 U	—	—	< 0.043 U	< 0.043 U
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	< 0.095	—	< 0.097	—	< 0.095	—	—	< 0.099	< 0.099
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	< 0.37	—	< 0.38	—	< 0.37	—	—	< 0.39	< 0.39
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	0.41	—	0.37	—	0.40	—	—	< 0.43	< 0.43
Total PAHs Calculated	CALC-PAH	ug/L	0.78	—	0.60	—	0.77	—	—	< 0.82	< 0.82
SVOCs, Total											
1,4-Dichlorobenzene	106-46-7	ug/L	—	< 1.1 U	—	< 1.1 U	—	< 1.0 U	< 1.0 U	—	—
1-Methylnaphthalene	90-12-0	ug/L	—	0.039 J	—	< 0.042 U	—	< 0.040 U	< 0.041 U	—	—
2-Chloronaphthalene	91-58-7	ug/L	—	< 1.1 U	—	< 1.1 U	—	< 1.0 U	< 1.0 U	—	—
2-Methylnaphthalene	91-57-6	ug/L	—	0.027 J	—	< 0.042 U	—	< 0.040 U	< 0.041 U	—	—
2-Methylphenol	95-48-7	ug/L	—	< 1.1 U	—	< 1.1 U	—	< 1.0 U	< 1.0 U	—	—
3,4-Methylphenol	108394/106445	ug/L	—	< 1.1 U	—	< 1.1 U	—	< 1.0 U	< 1.0 U	—	—
4-Chloro-3-methylphenol	59-50-7	ug/L	—	< 1.1 U	—	< 1.1 U	—	< 1.0 U	< 1.0 U	—	—
4-Chloroaniline	106-47-8	ug/L	—	< 4.4 U	—	< 4.2 U	—	< 4.0 U	< 4.1 U	—	—
Acenaphthene	83-32-9	ug/L	—	0.098	—	< 0.042 U	—	< 0.040 U	< 0.041 U	—	—
Acenaphthylene	208-96-8	ug/L	—	< 0.044 U	—	< 0.042 U	—	< 0.040 U	< 0.041 U	—	—
Anthracene	120-12-7	ug/L	—	< 0.044 U	—	< 0.042 U	—	< 0.040 U	< 0.041 U	—	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Chemical	CAS	Units	Location ID	CH-SWSD102	CH-SWSD103	CH-SWSD103	CH-SWSD104	CH-SWSD104	CH-SWSD105	CH-SWSD105	CH-SWSD105	CH-SWSD105
			Sample ID	CH-SWSD102-SW01-F	CH-SWSD103-SW01	CH-SWSD103-SW01-F	CH-SWSD104-SW01	CH-SWSD104-SW01-F	CH-SWSD105-SW01	CH-SWSD105-SW01D	CH-SWSD105-SW01D-F	CH-SWSD105-SW01-F
Sample Date	Sample Type Code	Parent Sample ID		6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017
Sample Type Code			N	N	N	N	N	N	N	FD	FD	N
Parent Sample ID										CH-SWSD105-SW01	CH-SWSD105-SW01-F	
SVOCs, Total Continued												
Benzaldehyde	100-52-7	ug/L	—	< 4.4 U	—	< 4.2 U	—	< 4.0 U	< 4.1 U	—	—	—
Benzo(a)anthracene	56-55-3	ug/L	—	< 0.044 U	—	< 0.042 U	—	< 0.040 U	< 0.041 U	—	—	—
Benzo(a)pyrene	50-32-8	ug/L	—	< 0.044 U	—	< 0.042 U	—	< 0.040 U	< 0.041 U	—	—	—
Benzo(b)fluoranthene	205-99-2	ug/L	—	< 0.044 U	—	< 0.042 U	—	< 0.040 U	< 0.041 U	—	—	—
Benzo(g,h,i)perylene	191-24-2	ug/L	—	< 0.044 U	—	< 0.042 U	—	< 0.040 U	< 0.041 U	—	—	—
Benzo(k)fluoranthene	207-08-9	ug/L	—	< 0.044 U	—	< 0.042 U	—	< 0.040 U	< 0.041 U	—	—	—
Benzoic acid	65-85-0	ug/L	—	< 16 U	—	< 16 U	—	< 15 U	< 15 U	—	—	—
Biphenyl, 1,1'-	92-52-4	ug/L	—	< 1.1 U	—	< 1.1 U	—	< 1.0 U	< 1.0 U	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	< 4.4 U	—	< 4.2 U	—	< 4.0 U	< 4.1 U	—	—	—
Butyl benzyl phthalate	85-68-7	ug/L	—	< 4.4 U	—	< 4.2 U	—	< 4.0 U	< 4.1 U	—	—	—
Caprolactam	105-60-2	ug/L	—	< 16 U	—	< 16 U	—	< 15 U	< 15 U	—	—	—
CARBAZOLE	86-74-8	ug/L	—	< 1.1 U	—	< 1.1 U	—	< 1.0 U	< 1.0 U	—	—	—
Chrysene	218-01-9	ug/L	—	< 0.044 U	—	< 0.042 U	—	< 0.040 U	< 0.041 U	—	—	—
Dibenz(a,h)anthracene	53-70-3	ug/L	—	< 0.044 U	—	< 0.042 U	—	< 0.040 U	< 0.041 U	—	—	—
Dibenzofuran	132-64-9	ug/L	—	< 1.1 U	—	< 1.1 U	—	< 1.0 U	< 1.0 U	—	—	—
Diethyl phthalate	84-66-2	ug/L	—	< 4.4 U	—	< 4.2 U	—	< 4.0 U	< 4.1 U	—	—	—
Dimethyl phthalate	131-11-3	ug/L	—	< 4.4 U	—	< 4.2 U	—	< 4.0 U	< 4.1 U	—	—	—
Di-n-butyl phthalate	84-74-2	ug/L	—	< 4.4 U	—	< 4.2 U	—	< 4.0 U	< 4.1 U	—	—	—
Di-n-octyl phthalate	117-84-0	ug/L	—	< 4.4 U	—	< 4.2 U	—	< 4.0 U	< 4.1 U	—	—	—
Fluoranthene	206-44-0	ug/L	—	0.013 J	—	< 0.042 U	—	< 0.040 U	< 0.041 U	—	—	—
Fluorene	86-73-7	ug/L	—	0.027 J	—	< 0.042 U	—	< 0.040 U	< 0.041 U	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	< 0.044 U	—	< 0.042 U	—	< 0.040 U	< 0.041 U	—	—	—
Naphthalene	91-20-3	ug/L	—	0.12	—	< 0.063 U	—	< 0.060 U	< 0.062 U	—	—	—
Phenanthrene	85-01-8	ug/L	—	< 0.066 U	—	< 0.063 U	—	< 0.060 U	< 0.062 U	—	—	—
Pyrene	129-00-0	ug/L	—	< 0.044 U	—	< 0.042 U	—	< 0.040 U	< 0.041 U	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	< 0.10	—	< 0.097	—	< 0.092	< 0.095	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	< 0.40	—	< 0.38	—	< 0.36	< 0.37	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	0.40	—	< 0.42	—	< 0.40	< 0.41	—	—	—
Total PAHs Calculated	CALC-PAH	ug/L	—	0.64	—	< 0.80	—	< 0.76	< 0.78	—	—	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-SWSD106	CH-SWSD106	CH-SWSD107	CH-SWSD107	CH-SWSD108	CH-SWSD108	CH-SWSD109	CH-SWSD109	CH-SWSD110	
	Sample ID	CH-SWSD106-SW01	CH-SWSD106-SW01-F	CH-SWSD107-SW01	CH-SWSD107-SW01-F	CH-SWSD108-SW01	CH-SWSD108-SW01-F	CH-SWSD109-SW01	CH-SWSD109-SW01-F	CH-SWSD110-SW01	
	Sample Date	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	
	Sample Type Code	N	N	N	N	N	N	N	N	N	
	Parent Sample ID										
Chemical	CAS	Units									
Field											
Dissolved Oxygen	DO	mg/L	4.87	—	4.98	—	4.08	—	5.67	—	4.84
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	—	—	—
pH	PH	PH	6.23	—	6.26	—	6.26	—	6.34	—	6.31
Specific Conductance	SC	ms/cm	0.149	—	0.151	—	0.155	—	0.151	—	0.159
Temperature	TEMP	deg C	18.06	—	17.34	—	17.7	—	16.08	—	16.13
Turbidity	TURB	NTU	3.9	—	3.8	—	5.9	—	12.2	—	8.1
General Chemistry, Dissolved											
Total hardness	HARDNESS	ug/L	—	32700	—	34800	—	34500	—	34500	—
General Chemistry, Total											
Total hardness	HARDNESS	ug/L	33600	—	34300	—	33800	—	33100	—	34000
Metals, Dissolved											
Aluminum	7429-90-5	ug/L	—	295	—	318	—	296	—	314	—
Antimony	7440-36-0	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—
Arsenic	7440-38-2	ug/L	—	< 2.0 U	—	0.86 J	—	0.86 J	—	1.1 J	—
Barium	7440-39-3	ug/L	—	16.2	—	19.1	—	19.0	—	19.2	—
Beryllium	7440-41-7	ug/L	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—
Cadmium	7440-43-9	ug/L	—	< 0.50 U	—	< 0.50 U	—	< 0.50 U	—	< 0.50 U	—
Calcium (Ca)	7440-70-2	ug/L	—	7850	—	8190	—	8070	—	8150	—
Chromium	7440-47-3	ug/L	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	—	< 1 U	—	< 1 U	—	< 1 U	—	< 1 U	—
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	—	0.89 J	—	0.96 J	—	1.2	—	1.3	—
Copper	7440-50-8	ug/L	—	2.0 J	—	1.3 J	—	1.9 J	—	1.8 J	—
Iron (Fe)	7439-89-6	ug/L	—	524	—	804	—	517	—	693	—
Lead	7439-92-1	ug/L	—	0.29 J	—	0.40 J	—	0.39 J	—	0.51 J	—
Magnesium (Mg)	7439-95-4	ug/L	—	3170	—	3470	—	3480	—	3430	—
Manganese (Mn)	7439-96-5	ug/L	—	70.3	—	76.2	—	73.4	—	72.9	—
Mercury	7439-97-6	ug/L	—	< 0.20 U	—	< 0.10 U	—	< 0.10 U	—	< 0.20 U	—
Nickel	7440-02-0	ug/L	—	1.8 J	—	1.7 J	—	2.3 J	—	2.0 J	—
Potassium (K)	7440-09-7	ug/L	—	1290	—	1340	—	1370	—	1400	—
Selenium	7782-49-2	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—
Silver	7440-22-4	ug/L	—	< 0.25 UJ	—	< 0.25 UJ	—	< 0.25 UJ	—	< 0.25 UJ	—
Sodium (Na)	7440-23-5	ug/L	—	14500	—	15600	—	15800	—	15600	—
Thallium	7440-28-0	ug/L	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—
Vanadium	7440-62-2	ug/L	—	1.1	—	1.2	—	1.0	—	1.1	—
Zinc	7440-66-6	ug/L	—	17.7 J	—	23.4 J	—	17.9 J	—	18.0 J	—
Metals, Total											
Aluminum	7429-90-5	ug/L	353	—	334	—	331	—	400	—	578
Antimony	7440-36-0	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U
Arsenic	7440-38-2	ug/L	< 2.0 U	—	0.92 J	—	1.0 J	—	1.3 J	—	1.8 J
Barium	7440-39-3	ug/L	18.2	—	20.2	—	20.0	—	19.2	—	22.8
Beryllium	7440-41-7	ug/L	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	0.13 J

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD106 CH-SWSD106-SW01 6/1/2017 N	CH-SWSD106 CH-SWSD106-SW01-F 6/1/2017 N	CH-SWSD107 CH-SWSD107-SW01 6/1/2017 N	CH-SWSD107 CH-SWSD107-SW01-F 6/1/2017 N	CH-SWSD108 CH-SWSD108-SW01 6/1/2017 N	CH-SWSD108 CH-SWSD108-SW01-F 6/1/2017 N	CH-SWSD109 CH-SWSD109-SW01 6/1/2017 N	CH-SWSD109 CH-SWSD109-SW01-F 6/1/2017 N	CH-SWSD110 CH-SWSD110-SW01 6/1/2017 N
Chemical	CAS	Units									
Metals, Total Continued											
Cadmium	7440-43-9	ug/L	< 0.50 U	—	< 0.50 U	—	< 0.50 U	—	< 0.50 U	—	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	8090	—	8060	—	7910	—	7690	—	7880
Chromium	7440-47-3	ug/L	1.1 J	—	0.94 J	—	0.96 J	—	1.1 J	—	1.2 J
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—	1.2 J
Chromium(VI) (b)	18540-29-9	ug/L	0.3 J	—	0.3 J	—	0.3 J	—	0.3 J	—	—
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	< 0.050 U
Cobalt	7440-48-4	ug/L	1.0	—	1.0	—	1.2	—	1.7	—	2.8
Copper	7440-50-8	ug/L	1.4 J	—	1.6 J	—	1.5 J	—	1.6 J	—	2.1 J
Iron (Fe)	7439-89-6	ug/L	669	—	962	—	720	—	1080	—	1420 J-
Lead	7439-92-1	ug/L	0.48 J	—	0.56 J	—	0.54 J	—	0.82 J	—	1.6 J
Magnesium (Mg)	7439-95-4	ug/L	3240	—	3450	—	3400	—	3380	—	3470
Manganese (Mn)	7439-96-5	ug/L	71.0	—	78.8	—	74.1	—	79.4	—	121 J
Mercury	7439-97-6	ug/L	< 0.10 U	—	< 0.10 U	—	< 0.10 U	—	< 0.10 U	—	< 0.10 U
Nickel	7440-02-0	ug/L	2.0 J	—	2.1 J	—	2.1 J	—	2.1 J	—	2.8 J
Potassium (K)	7440-09-7	ug/L	1360	—	1400	—	1370	—	1400	—	1410
Selenium	7782-49-2	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U
Silver	7440-22-4	ug/L	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	15100	—	15900	—	15700	—	15500	—	16200
Thallium	7440-28-0	ug/L	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U
Vanadium	7440-62-2	ug/L	0.67 J	—	1.2	—	0.87 J	—	1.2	—	1.6
Zinc	7440-66-6	ug/L	6.2 J	—	6.9 J	—	7.8 J	—	7.6 J	—	11.2 J
PCBs											
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	—	—
SVOCs, Dissolved											
1,4-Dichlorobenzene	106-46-7	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—
1-Methylnaphthalene	90-12-0	ug/L	—	< 0.042 U	—	< 0.041 U	—	0.012 J	—	0.014 J	—
2-Chloronaphthalene	91-58-7	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—
2-Methylnaphthalene	91-57-6	ug/L	—	< 0.042 U	—	< 0.041 U	—	0.020 J	—	0.020 J	—
2-Methylphenol	95-48-7	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—
3,4-Methylphenol	108394/106445	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—
4-Chloro-3-methylphenol	59-50-7	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—
4-Chloroaniline	106-47-8	ug/L	—	< 4.2 U	—	< 4.1 U	—	< 4.0 U	—	< 4.1 U	—
Acenaphthene	83-32-9	ug/L	—	< 0.042 U	—	< 0.041 U	—	< 0.040 U	—	< 0.041 U	—
Acenaphthylene	208-96-8	ug/L	—	< 0.042 U	—	< 0.041 U	—	< 0.040 U	—	< 0.041 U	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Chemical	CAS	Units	Location ID	CH-SWSD106	CH-SWSD106	CH-SWSD107	CH-SWSD107	CH-SWSD108	CH-SWSD108	CH-SWSD109	CH-SWSD109	CH-SWSD110
			Sample ID	CH-SWSD106-SW01	CH-SWSD106-SW01-F	CH-SWSD107-SW01	CH-SWSD107-SW01-F	CH-SWSD108-SW01	CH-SWSD108-SW01-F	CH-SWSD109-SW01	CH-SWSD109-SW01-F	CH-SWSD110-SW01
			Sample Date	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017
			Sample Type Code	N	N	N	N	N	N	N	N	N
			Parent Sample ID									
SVOCs, Dissolved Continued												
Anthracene	120-12-7	ug/L	—	< 0.042 U	—	< 0.041 U	—	< 0.040 U	—	< 0.041 U	—	
Benzaldehyde	100-52-7	ug/L	—	< 4.2 U	—	< 4.1 U	—	< 4.0 U	—	< 4.1 U	—	
Benzo(a)anthracene	56-55-3	ug/L	—	< 0.042 U	—	< 0.041 U	—	< 0.040 U	—	< 0.041 U	—	
Benzo(a)pyrene	50-32-8	ug/L	—	< 0.042 U	—	< 0.041 U	—	< 0.040 U	—	< 0.041 U	—	
Benzo(b)fluoranthene	205-99-2	ug/L	—	< 0.042 U	—	< 0.041 U	—	< 0.040 U	—	< 0.041 U	—	
Benzo(g,h,i)perylene	191-24-2	ug/L	—	< 0.042 U	—	< 0.041 U	—	< 0.040 U	—	< 0.041 U	—	
Benzo(k)fluoranthene	207-08-9	ug/L	—	< 0.042 U	—	< 0.041 U	—	< 0.040 U	—	< 0.041 U	—	
Benzoic acid	65-85-0	ug/L	—	< 16 U	—	< 15 U	—	< 15 U	—	< 15 U	—	
Biphenyl, 1,1'-	92-52-4	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	< 4.2 U	—	< 4.1 U	—	< 4.0 U	—	< 4.1 U	—	
Butyl benzyl phthalate	85-68-7	ug/L	—	< 4.2 U	—	< 4.1 U	—	< 4.0 U	—	< 4.1 U	—	
Caprolactam	105-60-2	ug/L	—	< 16 U	—	< 15 U	—	< 15 U	—	< 15 U	—	
CARBAZOLE	86-74-8	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	
Chrysene	218-01-9	ug/L	—	< 0.042 U	—	< 0.041 U	—	< 0.040 U	—	< 0.041 U	—	
Dibenz(a,h)anthracene	53-70-3	ug/L	—	< 0.042 U	—	< 0.041 U	—	< 0.040 U	—	< 0.041 U	—	
Dibenzofuran	132-64-9	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	
Diethyl phthalate	84-66-2	ug/L	—	< 4.2 U	—	< 4.1 U	—	< 4.0 U	—	< 4.1 U	—	
Dimethyl phthalate	131-11-3	ug/L	—	< 4.2 U	—	< 4.1 U	—	< 4.0 U	—	< 4.1 U	—	
Di-n-butyl phthalate	84-74-2	ug/L	—	2.3 J	—	2.5 J	—	< 4.0 U	—	< 4.1 U	—	
Di-n-octyl phthalate	117-84-0	ug/L	—	< 4.2 U	—	< 4.1 U	—	< 4.0 U	—	< 4.1 U	—	
Fluoranthene	206-44-0	ug/L	—	< 0.042 U	—	< 0.041 U	—	< 0.040 U	—	< 0.041 U	—	
Fluorene	86-73-7	ug/L	—	< 0.042 U	—	< 0.041 U	—	< 0.040 U	—	< 0.041 U	—	
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	< 0.042 U	—	< 0.041 U	—	< 0.040 U	—	< 0.041 U	—	
Naphthalene	91-20-3	ug/L	—	0.045 J	—	0.055 J	—	0.039 J	—	0.056 J	—	
Phenanthrene	85-01-8	ug/L	—	< 0.063 U	—	< 0.062 U	—	< 0.060 U	—	< 0.061 U	—	
Pyrene	129-00-0	ug/L	—	< 0.042 U	—	< 0.041 U	—	< 0.040 U	—	< 0.041 U	—	
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	< 0.097	—	< 0.095	—	< 0.092	—	< 0.095	—	
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	< 0.38	—	< 0.37	—	< 0.36	—	< 0.37	—	
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	0.40	—	0.40	—	0.21	—	0.20	—	
Total PAHs Calculated	CALC-PAH	ug/L	—	0.78	—	0.77	—	0.43	—	0.35	—	
SVOCs, Total												
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.1 U	—	< 1.1 U	—	< 1.0 U	—	< 1.1 U	—	< 1.0 U	
1-Methylnaphthalene	90-12-0	ug/L	0.018 J	—	0.047 J	—	0.025 J	—	0.016 J	—	0.025 J	
2-Chloronaphthalene	91-58-7	ug/L	< 1.1 U	—	< 1.1 U	—	< 1.0 U	—	< 1.1 U	—	< 1.0 U	
2-Methylnaphthalene	91-57-6	ug/L	0.017 J	—	0.045 J	—	0.022 J	—	0.014 J	—	0.022 J	
2-Methylphenol	95-48-7	ug/L	< 1.1 U	—	< 1.1 U	—	< 1.0 U	—	< 1.1 U	—	< 1.0 U	
3,4-Methylphenol	108394/106445	ug/L	< 1.1 U	—	< 1.1 U	—	< 1.0 U	—	< 1.1 U	—	< 1.0 U	
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.1 U	—	< 1.1 U	—	< 1.0 U	—	< 1.1 U	—	< 1.0 U	
4-Chloroaniline	106-47-8	ug/L	< 4.3 U	—	< 4.3 U	—	< 4.2 U	—	< 4.2 U	—	< 4.1 UJ	
Acenaphthene	83-32-9	ug/L	0.052 J	—	< 0.043 U	—	0.063	—	< 0.042 U	—	0.065	
Acenaphthylene	208-96-8	ug/L	< 0.043 U	—	< 0.043 U	—	< 0.042 U	—	< 0.042 U	—	< 0.041 U	
Anthracene	120-12-7	ug/L	< 0.043 U	—	0.014 J	—	< 0.042 U	—	< 0.042 U	—	< 0.041 U	

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID			CH-SWSD106	CH-SWSD106	CH-SWSD107	CH-SWSD107	CH-SWSD108	CH-SWSD108	CH-SWSD109	CH-SWSD109	CH-SWSD110
Sample ID			CH-SWSD106-SW01	CH-SWSD106-SW01-F	CH-SWSD107-SW01	CH-SWSD107-SW01-F	CH-SWSD108-SW01	CH-SWSD108-SW01-F	CH-SWSD109-SW01	CH-SWSD109-SW01-F	CH-SWSD110-SW01
Sample Date			6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017
Sample Type Code			N	N	N	N	N	N	N	N	N
Parent Sample ID											
Chemical	CAS	Units									
SVOCs, Total Continued											
Benzaldehyde	100-52-7	ug/L	< 4.3 U	—	< 4.3 U	—	< 4.2 U	—	< 4.2 U	—	< 4.1 U
Benzo(a)anthracene	56-55-3	ug/L	< 0.043 U	—	< 0.043 U	—	< 0.042 U	—	< 0.042 U	—	< 0.041 U
Benzo(a)pyrene	50-32-8	ug/L	< 0.043 U	—	< 0.043 U	—	< 0.042 U	—	< 0.042 U	—	< 0.041 U
Benzo(b)fluoranthene	205-99-2	ug/L	0.016 J	—	< 0.043 U	—	< 0.042 U	—	< 0.042 U	—	0.012 J
Benzo(g,h,i)perylene	191-24-2	ug/L	0.011 J	—	< 0.043 U	—	< 0.042 U	—	< 0.042 U	—	< 0.041 U
Benzo(k)fluoranthene	207-08-9	ug/L	0.013 J	—	< 0.043 U	—	< 0.042 U	—	< 0.042 U	—	< 0.041 U
Benzoic acid	65-85-0	ug/L	< 16 U	—	< 16 U	—	9.6 J	—	< 16 U	—	< 16 U
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.1 U	—	< 1.1 U	—	< 1.0 U	—	< 1.1 U	—	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.3 U	—	< 4.3 U	—	< 4.2 U	—	< 4.2 U	—	< 4.1 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.3 U	—	< 4.3 U	—	< 4.2 U	—	< 4.2 U	—	< 4.1 U
Caprolactam	105-60-2	ug/L	< 16 U	—	< 16 U	—	< 16 U	—	< 16 U	—	< 16 U
CARBAZOLE	86-74-8	ug/L	< 1.1 U	—	< 1.1 U	—	< 1.0 U	—	< 1.1 U	—	< 1.0 U
Chrysene	218-01-9	ug/L	0.013 J	—	< 0.043 U	—	< 0.042 U	—	< 0.042 U	—	0.013 J
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.043 U	—	< 0.043 U	—	< 0.042 U	—	< 0.042 U	—	< 0.041 U
Dibenzofuran	132-64-9	ug/L	< 1.1 U	—	< 1.1 U	—	< 1.0 U	—	< 1.1 U	—	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	< 4.3 U	—	< 4.3 U	—	< 4.2 U	—	< 4.2 U	—	< 4.1 U
Dimethyl phthalate	131-11-3	ug/L	< 4.3 U	—	< 4.3 U	—	< 4.2 U	—	< 4.2 U	—	< 4.1 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.3 U	—	< 4.3 U	—	< 4.2 U	—	< 4.2 U	—	< 4.1 U
Di-n-octyl phthalate	117-84-0	ug/L	< 4.3 U	—	< 4.3 U	—	< 4.2 U	—	< 4.2 U	—	< 4.1 U
Fluoranthene	206-44-0	ug/L	< 0.043 U	—	0.011 J	—	< 0.042 U	—	< 0.042 U	—	0.023 J
Fluorene	86-73-7	ug/L	0.014 J	—	0.035 J	—	0.018 J	—	0.012 J	—	0.018 J
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	0.012 J	—	< 0.043 U	—	< 0.042 U	—	< 0.042 U	—	< 0.041 U
Naphthalene	91-20-3	ug/L	0.059 J	—	0.14	—	0.076	—	0.069	—	0.047 J
Phenanthrene	85-01-8	ug/L	< 0.065 U	—	< 0.065 U	—	< 0.063 U	—	< 0.063 U	—	< 0.062 U
Pyrene	129-00-0	ug/L	< 0.043 U	—	< 0.043 U	—	< 0.042 U	—	< 0.042 U	—	0.015 J
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	0.0052	—	< 0.099	—	< 0.097	—	< 0.097	—	0.0029
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	0.12	—	< 0.39	—	< 0.38	—	< 0.38	—	0.12
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	0.23	—	0.36	—	0.29	—	0.18	—	0.27
Total PAHs Calculated	CALC-PAH	ug/L	0.34	—	0.53	—	0.49	—	0.31	—	0.41

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID			CH-SWSD110	CH-SWSD112	CH-SWSD113	CH-SWSD114	CH-SWSD114	CH-SWSD115	CH-SWSD115	CH-SWSD115	CH-SWSD115
Sample ID			CH-SWSD110-SW01-F	CH-SWSD112-SW01	CH-SWSD113-SW01	CH-SWSD114-SW01	CH-SWSD114-SW01-F	CH-SWSD115-SW01	CH-SWSD115-SW01D	CH-SWSD115-SW01D-F	CH-SWSD115-SW01-F
Sample Date			6/1/2017	6/6/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017
Sample Type Code			N	N	N	N	N	N	FD	FD	N
Parent Sample ID									CH-SWSD115-SW01	CH-SWSD115-SW01-F	
Chemical	CAS	Units									
Field											
Dissolved Oxygen	DO	mg/L	—	4.56	5.80	5.13	—	6.36	—	—	—
Oxidation Reduction Potential	ORP	mV	—	167.3	185	190.9	—	199.5	—	—	—
pH	PH	PH	—	6.04	5.98	5.95	—	6.13	—	—	—
Specific Conductance	SC	ms/cm	—	0.159	0.146	0.145	—	0.145	—	—	—
Temperature	TEMP	deg C	—	12.93	14.96	14.61	—	14.33	—	—	—
Turbidity	TURB	NTU	—	8.5	6.3	10.1	—	17.9	—	—	—
General Chemistry, Dissolved											
Total hardness	HARDNESS	ug/L	32500	—	—	—	27400	—	—	28100	27900
General Chemistry, Total											
Total hardness	HARDNESS	ug/L	—	32600	28000	27300	—	27300	29000	—	—
Metals, Dissolved											
Aluminum	7429-90-5	ug/L	316	—	—	—	934	—	—	676	773
Antimony	7440-36-0	ug/L	< 1.0 U	—	—	—	< 1.0 U	—	—	< 1.0 U	< 1.0 U
Arsenic	7440-38-2	ug/L	0.96 J	—	—	—	< 2.0 U	—	—	< 2.0 UJ	0.70 J
Barium	7440-39-3	ug/L	18.2	—	—	—	22.3	—	—	20.3	23.8
Beryllium	7440-41-7	ug/L	< 0.25 U	—	—	—	0.24 J	—	—	0.18 J	0.19 J
Cadmium	7440-43-9	ug/L	< 0.50 U	—	—	—	0.21 J	—	—	< 0.50 U	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	7580	—	—	—	5350	—	—	5860	5740
Chromium	7440-47-3	ug/L	< 4.0 U	—	—	—	< 4.0 U	—	—	1.3 J	1.9 J
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	< 4.0 U	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	—	—	—	—	< 1 U	—	—	0.4 J	0.6 J
Chromium(VI)	18540-29-9	ug/L	0.15	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	1.5	—	—	—	1.9	—	—	1.3	1.5
Copper	7440-50-8	ug/L	1.6 J	—	—	—	5.7	—	—	4.2	5.5
Iron (Fe)	7439-89-6	ug/L	623	—	—	—	1630	—	—	1240	1390
Lead	7439-92-1	ug/L	0.58 J	—	—	—	1.3 J	—	—	0.90 J	1.0 J
Magnesium (Mg)	7439-95-4	ug/L	3310	—	—	—	3410	—	—	3270	3280
Manganese (Mn)	7439-96-5	ug/L	75.9	—	—	—	134	—	—	85.4	93.3
Mercury	7439-97-6	ug/L	< 0.10 U	—	—	—	< 0.10 U	—	—	< 0.10 U	< 0.10 U
Nickel	7440-02-0	ug/L	2.0 J	—	—	—	< 4.5 U	—	—	2.5 J	2.8 J
Potassium (K)	7440-09-7	ug/L	1350	—	—	—	1350	—	—	1200	1220
Selenium	7782-49-2	ug/L	< 1.0 U	—	—	—	< 1.0 U	—	—	< 1.0 U	< 1.0 U
Silver	7440-22-4	ug/L	< 0.25 UJ	—	—	—	< 0.25 U	—	—	< 0.25 U	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	15400	—	—	—	17700	—	—	16100	16500
Thallium	7440-28-0	ug/L	< 0.25 U	—	—	—	< 0.25 U	—	—	< 0.25 U	< 0.25 U
Vanadium	7440-62-2	ug/L	1.0 J	—	—	—	2.0	—	—	1.8	2.2
Zinc	7440-66-6	ug/L	10.7 J	—	—	—	25.6 J	—	—	20.3 J	26.9 J
Metals, Total											
Aluminum	7429-90-5	ug/L	—	1400	1050	1150	—	868	805	—	—
Antimony	7440-36-0	ug/L	—	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	—	—
Arsenic	7440-38-2	ug/L	—	1.2 J	0.87 J	< 2.0 U	—	< 2.0 U	< 2.0 U	—	—
Barium	7440-39-3	ug/L	—	28.7	23.9	25.7	—	22.2	24.2	—	—
Beryllium	7440-41-7	ug/L	—	0.26 J	0.23 J	0.24 J	—	0.20 J	0.18 J	—	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD110	CH-SWSD112	CH-SWSD113	CH-SWSD114	CH-SWSD114	CH-SWSD115	CH-SWSD115	CH-SWSD115	CH-SWSD115
Sample ID		CH-SWSD110-SW01-F	CH-SWSD112-SW01	CH-SWSD113-SW01	CH-SWSD114-SW01	CH-SWSD114-SW01-F	CH-SWSD115-SW01	CH-SWSD115-SW01D	CH-SWSD115-SW01D-F	CH-SWSD115-SW01-F
Sample Date		6/1/2017	6/6/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017
Sample Type Code		N	N	N	N	N	N	FD	FD	N
Parent Sample ID								CH-SWSD115-SW01	CH-SWSD115-SW01-F	
Chemical	CAS	Units								
Metals, Total Continued										
Cadmium	7440-43-9	ug/L	—	0.22 J	0.26 J	0.23 J	—	< 0.50 UJ	0.20 J	—
Calcium (Ca)	7440-70-2	ug/L	—	6680	5650	5260	—	5510	6100	—
Chromium	7440-47-3	ug/L	—	2.8 J	< 4.0 U	< 4.0 U	—	1.9 J	1.8 J	—
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	—	0.8 J	< 1 U	< 1 U	—	0.6 J	0.5 J	—
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	—	4.5	1.8	2.3	—	1.5	1.4	—
Copper	7440-50-8	ug/L	—	7.8	6.2	6.0	—	5.3	5.0	—
Iron (Fe)	7439-89-6	ug/L	—	3100 J+	1770	2040	—	1600	1460	—
Lead	7439-92-1	ug/L	—	2.7	1.7 J	1.7 J	—	1.1 J	1.1 J	—
Magnesium (Mg)	7439-95-4	ug/L	—	3880	3380	3450	—	3300	3340	—
Manganese (Mn)	7439-96-5	ug/L	—	368 J-	132	149	—	94.9	91.3	—
Mercury	7439-97-6	ug/L	—	< 0.10 U	< 0.10 U	< 0.10 U	—	< 0.10 U	< 0.10 U	—
Nickel	7440-02-0	ug/L	—	4.6	< 4.4 U	< 4.2 U	—	3.0 J	3.1 J	—
Potassium (K)	7440-09-7	ug/L	—	1710	1380	1390	—	1250	1290	—
Selenium	7782-49-2	ug/L	—	0.60 J	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	—
Silver	7440-22-4	ug/L	—	< 0.25 U	< 0.25 U	< 0.25 U	—	< 0.25 U	< 0.25 U	—
Sodium (Na)	7440-23-5	ug/L	—	16300	17500	17500	—	16400	16500	—
Thallium	7440-28-0	ug/L	—	< 0.25 U	< 0.25 U	< 0.25 U	—	< 0.25 U	< 0.25 U	—
Vanadium	7440-62-2	ug/L	—	4.4 J	2.5	2.5	—	2.1	2.0	—
Zinc	7440-66-6	ug/L	—	50.8	26.5 J	27.6 J	—	59.0 J	25.9 J	—
PCBs										
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	—
SVOCs, Dissolved										
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.1 U	—	—	—	< 1.0 U	—	—	< 1.0 U
1-Methylnaphthalene	90-12-0	ug/L	0.011 J	—	—	—	< 0.040 U	—	—	< 0.041 U
2-Chloronaphthalene	91-58-7	ug/L	< 1.1 U	—	—	—	< 1.0 U	—	—	< 1.0 U
2-Methylnaphthalene	91-57-6	ug/L	< 0.043 U	—	—	—	< 0.040 U	—	—	< 0.041 U
2-Methylphenol	95-48-7	ug/L	< 1.1 U	—	—	—	< 1.0 U	—	—	< 1.0 U
3,4-Methylphenol	108394/106445	ug/L	< 1.1 U	—	—	—	< 1.0 U	—	—	< 1.0 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.1 U	—	—	—	< 1.0 U	—	—	< 1.0 U
4-Chloroaniline	106-47-8	ug/L	< 4.3 U	—	—	—	< 4.0 U	—	—	< 4.1 U
Acenaphthene	83-32-9	ug/L	< 0.043 U	—	—	—	< 0.040 U	—	—	< 0.041 U
Acenaphthylene	208-96-8	ug/L	< 0.043 U	—	—	—	< 0.040 U	—	—	< 0.041 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD110 CH-SWSD110-SW01-F 6/1/2017 N	CH-SWSD112 CH-SWSD112-SW01 6/6/2017 N	CH-SWSD113 CH-SWSD113-SW01 6/3/2017 N	CH-SWSD114 CH-SWSD114-SW01 6/3/2017 N	CH-SWSD114 CH-SWSD114-SW01-F 6/3/2017 N	CH-SWSD115 CH-SWSD115-SW01 6/3/2017 N	CH-SWSD115 CH-SWSD115-SW01D 6/3/2017 FD CH-SWSD115-SW01	CH-SWSD115 CH-SWSD115-SW01D-F 6/3/2017 FD CH-SWSD115-SW01-F	CH-SWSD115 CH-SWSD115-SW01-F 6/3/2017 N
Chemical	CAS	Units									
SVOCs, Dissolved Continued											
Anthracene	120-12-7	ug/L	< 0.043 U	—	—	—	< 0.040 U	—	—	0.011 J	< 0.040 UJ
Benzaldehyde	100-52-7	ug/L	< 4.3 U	—	—	—	< 4.0 U	—	—	< 4.1 U	< 4.0 U
Benzo(a)anthracene	56-55-3	ug/L	< 0.043 U	—	—	—	< 0.040 U	—	—	< 0.041 U	< 0.040 U
Benzo(a)pyrene	50-32-8	ug/L	< 0.043 U	—	—	—	< 0.040 U	—	—	< 0.041 U	< 0.040 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 0.043 U	—	—	—	0.016 J	—	—	< 0.041 U	< 0.040 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 0.043 U	—	—	—	0.012 J	—	—	< 0.041 U	< 0.040 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.043 U	—	—	—	0.013 J	—	—	< 0.041 U	< 0.040 U
Benzoic acid	65-85-0	ug/L	9.8 J	—	—	—	< 15 U	—	—	< 15 U	< 15 U
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.1 U	—	—	—	< 1.0 U	—	—	< 1.0 U	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.3 U	—	—	—	< 4.0 U	—	—	< 4.1 U	< 4.0 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.3 U	—	—	—	< 4.0 U	—	—	< 4.1 U	< 4.0 U
Caprolactam	105-60-2	ug/L	< 16 U	—	—	—	< 15 U	—	—	< 15 U	< 15 U
CARBAZOLE	86-74-8	ug/L	< 1.1 U	—	—	—	< 1.0 U	—	—	< 1.0 U	< 1.0 U
Chrysene	218-01-9	ug/L	< 0.043 U	—	—	—	< 0.040 U	—	—	< 0.041 U	< 0.040 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.043 U	—	—	—	< 0.040 U	—	—	< 0.041 U	< 0.040 U
Dibenzofuran	132-64-9	ug/L	< 1.1 U	—	—	—	< 1.0 U	—	—	< 1.0 U	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	< 4.3 U	—	—	—	< 4.0 U	—	—	< 4.1 UJ	3.1 J
Dimethyl phthalate	131-11-3	ug/L	< 4.3 U	—	—	—	< 4.0 U	—	—	< 4.1 U	< 4.0 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.3 U	—	—	—	< 4.0 U	—	—	< 4.1 U	< 4.0 U
Di-n-octyl phthalate	117-84-0	ug/L	< 4.3 U	—	—	—	< 4.0 U	—	—	< 4.1 U	< 4.0 U
Fluoranthene	206-44-0	ug/L	< 0.043 U	—	—	—	< 0.040 U	—	—	< 0.041 U	< 0.040 U
Fluorene	86-73-7	ug/L	< 0.043 U	—	—	—	< 0.040 U	—	—	< 0.041 U	< 0.040 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	< 0.043 U	—	—	—	0.012 J	—	—	< 0.041 U	< 0.040 U
Naphthalene	91-20-3	ug/L	0.065	—	—	—	< 0.060 U	—	—	< 0.061 U	< 0.060 U
Phenanthrene	85-01-8	ug/L	< 0.064 U	—	—	—	< 0.060 U	—	—	< 0.061 U	< 0.060 U
Pyrene	129-00-0	ug/L	< 0.043 U	—	—	—	< 0.040 U	—	—	< 0.041 U	< 0.040 U
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	< 0.099	—	—	—	0.0052	—	—	< 0.095	< 0.092
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	< 0.39	—	—	—	0.12	—	—	< 0.37	< 0.36
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	0.15	—	—	—	< 0.40	—	—	0.38	< 0.40
Total PAHs Calculated	CALC-PAH	ug/L	0.25	—	—	—	0.24	—	—	0.75	< 0.76
SVOCs, Total											
1,4-Dichlorobenzene	106-46-7	ug/L	—	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	—	—
1-Methylnaphthalene	90-12-0	ug/L	—	< 0.040 U	< 0.040 U	< 0.040 U	—	< 0.040 U	< 0.040 U	—	—
2-Chloronaphthalene	91-58-7	ug/L	—	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	—	—
2-Methylnaphthalene	91-57-6	ug/L	—	< 0.040 U	< 0.040 U	< 0.040 U	—	< 0.040 U	< 0.040 U	—	—
2-Methylphenol	95-48-7	ug/L	—	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	—	—
3,4-Methylphenol	108394/106445	ug/L	—	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	—	—
4-Chloro-3-methylphenol	59-50-7	ug/L	—	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	—	—
4-Chloroaniline	106-47-8	ug/L	—	< 4.0 U	< 4.0 U	< 4.0 U	—	< 4.0 U	< 4.0 U	—	—
Acenaphthene	83-32-9	ug/L	—	< 0.040 U	< 0.040 U	< 0.040 U	—	< 0.040 U	< 0.040 U	—	—
Acenaphthylene	208-96-8	ug/L	—	< 0.040 U	< 0.040 U	< 0.040 U	—	< 0.040 U	< 0.040 U	—	—
Anthracene	120-12-7	ug/L	—	< 0.040 U	0.016 J	0.015 J	—	0.013 J	0.014 J	—	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD110 CH-SWSD110-SW01-F 6/1/2017 N	CH-SWSD112 CH-SWSD112-SW01 6/6/2017 N	CH-SWSD113 CH-SWSD113-SW01 6/3/2017 N	CH-SWSD114 CH-SWSD114-SW01 6/3/2017 N	CH-SWSD114 CH-SWSD114-SW01-F 6/3/2017 N	CH-SWSD115 CH-SWSD115-SW01 6/3/2017 N	CH-SWSD115 CH-SWSD115-SW01D 6/3/2017 FD CH-SWSD115-SW01	CH-SWSD115 CH-SWSD115-SW01D-F 6/3/2017 FD CH-SWSD115-SW01-F	CH-SWSD115 CH-SWSD115-SW01-F 6/3/2017 N
Chemical	CAS	Units									
SVOCs, Total Continued											
Benzaldehyde	100-52-7	ug/L	—	< 4.0 U	< 4.0 U	< 4.0 U	—	< 4.0 U	< 4.0 U	—	—
Benzo(a)anthracene	56-55-3	ug/L	—	< 0.040 U	< 0.040 U	< 0.040 U	—	< 0.040 U	< 0.040 U	—	—
Benzo(a)pyrene	50-32-8	ug/L	—	< 0.040 U	< 0.040 U	< 0.040 U	—	< 0.040 U	< 0.040 U	—	—
Benzo(b)fluoranthene	205-99-2	ug/L	—	< 0.040 U	< 0.040 U	< 0.040 U	—	< 0.040 U	< 0.040 U	—	—
Benzo(g,h,i)perylene	191-24-2	ug/L	—	< 0.040 U	< 0.040 U	< 0.040 U	—	< 0.040 U	< 0.040 U	—	—
Benzo(k)fluoranthene	207-08-9	ug/L	—	< 0.040 U	< 0.040 U	< 0.040 U	—	< 0.040 U	< 0.040 U	—	—
Benzoic acid	65-85-0	ug/L	—	< 15 U	< 15 U	< 15 U	—	< 15 U	< 15 U	—	—
Biphenyl, 1,1'-	92-52-4	ug/L	—	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	< 4.0 U	< 4.0 U	< 4.0 U	—	< 4.0 U	< 4.0 U	—	—
Butyl benzyl phthalate	85-68-7	ug/L	—	< 4.0 U	< 4.0 U	< 4.0 U	—	< 4.0 U	< 4.0 U	—	—
Caprolactam	105-60-2	ug/L	—	< 15 U	< 15 U	< 15 U	—	< 15 U	< 15 U	—	—
CARBAZOLE	86-74-8	ug/L	—	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	—	—
Chrysene	218-01-9	ug/L	—	< 0.040 U	< 0.040 U	< 0.040 U	—	< 0.040 U	< 0.040 U	—	—
Dibenz(a,h)anthracene	53-70-3	ug/L	—	< 0.040 U	< 0.040 U	< 0.040 U	—	< 0.040 U	< 0.040 U	—	—
Dibenzofuran	132-64-9	ug/L	—	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U	< 1.0 U	—	—
Diethyl phthalate	84-66-2	ug/L	—	< 4.0 U	< 4.0 U	< 4.0 U	—	< 4.0 U	< 4.0 U	—	—
Dimethyl phthalate	131-11-3	ug/L	—	< 4.0 U	< 4.0 U	< 4.0 U	—	< 4.0 U	< 4.0 U	—	—
Di-n-butyl phthalate	84-74-2	ug/L	—	< 4.0 U	< 4.0 U	< 4.0 U	—	< 4.0 U	< 4.0 U	—	—
Di-n-octyl phthalate	117-84-0	ug/L	—	< 4.0 U	< 4.0 U	< 4.0 U	—	< 4.0 U	< 4.0 U	—	—
Fluoranthene	206-44-0	ug/L	—	< 0.040 U	< 0.040 U	< 0.040 U	—	< 0.040 U	< 0.040 U	—	—
Fluorene	86-73-7	ug/L	—	< 0.040 U	< 0.040 U	< 0.040 U	—	< 0.040 U	< 0.040 U	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	< 0.040 U	< 0.040 U	< 0.040 U	—	< 0.040 U	< 0.040 U	—	—
Naphthalene	91-20-3	ug/L	—	< 0.060 U	< 0.060 U	< 0.060 U	—	< 0.060 U	< 0.060 U	—	—
Phenanthrene	85-01-8	ug/L	—	< 0.060 U	< 0.060 U	< 0.060 U	—	< 0.060 U	< 0.060 U	—	—
Pyrene	129-00-0	ug/L	—	< 0.040 U	< 0.040 U	< 0.040 U	—	< 0.040 U	< 0.040 U	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	< 0.092	< 0.092	< 0.092	—	< 0.092	< 0.092	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	< 0.36	< 0.36	< 0.36	—	< 0.36	< 0.36	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	< 0.40	0.38	0.38	—	0.37	0.37	—	—
Total PAHs Calculated	CALC-PAH	ug/L	—	< 0.76	0.74	0.74	—	0.73	0.73	—	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

	Location ID		CH-SWSD116	CH-SWSD116	CH-SWSD117	CH-SWSD117	CH-SWSD118	CH-SWSD118	CH-SWSD119	CH-SWSD120	CH-SWSD120
	Sample ID	Sample Date	CH-SWSD116-SW01	CH-SWSD116-SW01-F	CH-SWSD117-SW01	CH-SWSD117-SW01-F	CH-SWSD118-SW01	CH-SWSD118-SW01-F	CH-SWSD119-SW01	CH-SWSD120-SW01	CH-SWSD120-SW01D
Sample Type Code		Parent Sample ID	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017
Sample Type Code		Parent Sample ID	N	N	N	N	N	N	N	N	FD
Parent Sample ID		CH-SWSD120-SW01									
Chemical	CAS	Units									
Field											
Dissolved Oxygen	DO	mg/L	4.13	—	3.36	—	6.51	—	8.26	6.97	—
Oxidation Reduction Potential	ORP	mV	208.1	—	77.6	—	185.6	—	192.6	224.6	—
pH	PH	PH	6.67	—	6.34	—	6.38	—	6.23	6.20	—
Specific Conductance	SC	ms/cm	0.283	—	0.162	—	0.145	—	0.143	0.143	—
Temperature	TEMP	deg C	16.33	—	15.06	—	15.17	—	14.68	14.19	—
Turbidity	TURB	NTU	40.6	—	21.6	—	64.5	—	4.0	3.6	—
General Chemistry, Dissolved											
Total hardness	HARDNESS	ug/L	—	59700	—	38400	—	29400	—	—	—
General Chemistry, Total											
Total hardness	HARDNESS	ug/L	84700	—	39100	—	51300	—	26700	26700	27100
Metals, Dissolved											
Aluminum	7429-90-5	ug/L	—	157 J	—	183 J	—	72.8 J	—	—	—
Antimony	7440-36-0	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	—
Arsenic	7440-38-2	ug/L	—	1.9 J	—	0.70 J	—	< 2.0 U	—	—	—
Barium	7440-39-3	ug/L	—	17.1	—	8.7	—	12.4	—	—	—
Beryllium	7440-41-7	ug/L	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	—	—
Cadmium	7440-43-9	ug/L	—	< 0.50 U	—	< 0.50 U	—	< 0.50 U	—	—	—
Calcium (Ca)	7440-70-2	ug/L	—	12800	—	7310	—	6570	—	—	—
Chromium	7440-47-3	ug/L	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	—	—
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	—	< 1 U	—	< 1 U	—	< 1 U	—	—	—
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	—	3.0	—	1.2	—	< 0.50 U	—	—	—
Copper	7440-50-8	ug/L	—	1.2 J	—	0.83 J	—	0.56 J	—	—	—
Iron (Fe)	7439-89-6	ug/L	—	16700	—	3030	—	237	—	—	—
Lead	7439-92-1	ug/L	—	0.26 J	—	0.13 J	—	< 0.25 U	—	—	—
Magnesium (Mg)	7439-95-4	ug/L	—	6770	—	4890	—	3150	—	—	—
Manganese (Mn)	7439-96-5	ug/L	—	1060	—	626	—	60.4	—	—	—
Mercury	7439-97-6	ug/L	—	< 0.10 U	—	< 0.10 U	—	< 0.10 U	—	—	—
Nickel	7440-02-0	ug/L	—	< 4.0 U	—	< 4.0 U	—	< 2.0 U	—	—	—
Potassium (K)	7440-09-7	ug/L	—	1260	—	1080	—	863	—	—	—
Selenium	7782-49-2	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	—
Silver	7440-22-4	ug/L	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	—	—
Sodium (Na)	7440-23-5	ug/L	—	15600	—	13700	—	14800	—	—	—
Thallium	7440-28-0	ug/L	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	—	—
Vanadium	7440-62-2	ug/L	—	2.0	—	1.3	—	0.36 J	—	—	—
Zinc	7440-66-6	ug/L	—	< 7.5 U	—	< 7.5 U	—	< 7.5 U	—	—	—
Metals, Total											
Aluminum	7429-90-5	ug/L	9280	—	341	—	5840	—	902	865	913
Antimony	7440-36-0	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U
Arsenic	7440-38-2	ug/L	16.7	—	1.3 J	—	6.9	—	0.94 J	0.77 J	< 2.0 UJ
Barium	7440-39-3	ug/L	94.8	—	11.4	—	91.9	—	24.1	22.6	22.8
Beryllium	7440-41-7	ug/L	0.63 J	—	< 0.25 U	—	0.56 J	—	0.22 J	0.21 J	0.21 J

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID	CH-SWSD116		CH-SWSD116		CH-SWSD117		CH-SWSD117		CH-SWSD118		CH-SWSD118		CH-SWSD119		CH-SWSD120		CH-SWSD120	
	Sample ID	CH-SWSD116-SW01	CH-SWSD116-SW01-F	CH-SWSD117-SW01	CH-SWSD117-SW01-F	CH-SWSD118-SW01	CH-SWSD118-SW01-F	CH-SWSD119-SW01	CH-SWSD120-SW01	CH-SWSD120-SW01D	Sample Date	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017
Sample Type Code	N		N		N		N		N		N		N		N		N	
Parent Sample ID																	FD CH-SWSD120-SW01	
Chemical	CAS	Units																
Metals, Total Continued																		
Cadmium	7440-43-9	ug/L	0.22 J	—	< 0.50 U	—	0.29 J	—	0.21 J	0.21 J	< 0.50 UJ							
Calcium (Ca)	7440-70-2	ug/L	18900	—	7570	—	12600	—	5190	5210	5270							
Chromium	7440-47-3	ug/L	12.6	—	< 4.0 U	—	8.0	—	2.0 J	1.8 J	1.8 J							
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	1.6 J	1.8 J							
Chromium(VI) (b)	18540-29-9	ug/L	4	—	< 1 U	—	2	—	0.6 J	—	—							
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	0.22 J	< 0.050 UJ							
Cobalt	7440-48-4	ug/L	9.3	—	1.4	—	11.1	—	1.7	1.5	1.5							
Copper	7440-50-8	ug/L	12.8	—	1.2 J	—	8.7	—	5.3	5.3	5.3							
Iron (Fe)	7439-89-6	ug/L	141000	—	9110	—	54300	—	1630	1530	1480							
Lead	7439-92-1	ug/L	20.9	—	0.44 J	—	12.4	—	1.2 J	1.0 J	1.0 J							
Magnesium (Mg)	7439-95-4	ug/L	9080	—	4910	—	4820	—	3330	3330	3390							
Manganese (Mn)	7439-96-5	ug/L	1950	—	633	—	2750	—	105	87.7	86.5							
Mercury	7439-97-6	ug/L	0.12 J	—	< 0.10 U	—	0.10 J	—	< 0.10 U	< 0.10 U	< 0.10 U							
Nickel	7440-02-0	ug/L	10.5	—	< 4.0 U	—	6.7	—	3.3 J	2.9 J	3.0 J							
Potassium (K)	7440-09-7	ug/L	2110	—	1080	—	1390	—	1280	1310	1330							
Selenium	7782-49-2	ug/L	1.2 J	—	< 1.0 U	—	0.89 J	—	< 1.0 U	< 1.0 U	< 1.0 U							
Silver	7440-22-4	ug/L	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	< 0.25 U	< 0.25 U							
Sodium (Na)	7440-23-5	ug/L	16000	—	13700	—	15000	—	16700	16600	16800							
Thallium	7440-28-0	ug/L	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	< 0.25 U	< 0.25 U							
Vanadium	7440-62-2	ug/L	37.6	—	2.7	—	25.0	—	2.3	2.1	2.0							
Zinc	7440-66-6	ug/L	36.8	—	< 7.5 U	—	32.6	—	23.7 J	24.2 J	24.6 J							
PCBs																		
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	—	—							
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	—	—							
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	—	—							
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	—	—							
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	—	—							
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	—	—							
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	—	—							
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	—	—							
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	—	—							
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	—	—							
SVOCs, Dissolved																		
1,4-Dichlorobenzene	106-46-7	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	—							
1-Methylnaphthalene	90-12-0	ug/L	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—							
2-Chloronaphthalene	91-58-7	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	—							
2-Methylnaphthalene	91-57-6	ug/L	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—							
2-Methylphenol	95-48-7	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	—							
3,4-Methylphenol	108394/106445	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	—							
4-Chloro-3-methylphenol	59-50-7	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	—							
4-Chloroaniline	106-47-8	ug/L	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	—	—							
Acenaphthene	83-32-9	ug/L	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—							
Acenaphthylene	208-96-8	ug/L	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—							

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD116	CH-SWSD116	CH-SWSD117	CH-SWSD117	CH-SWSD118	CH-SWSD118	CH-SWSD119	CH-SWSD120	CH-SWSD120
		Sample ID	CH-SWSD116-SW01	CH-SWSD116-SW01-F	CH-SWSD117-SW01	CH-SWSD117-SW01-F	CH-SWSD118-SW01	CH-SWSD118-SW01-F	CH-SWSD119-SW01	CH-SWSD120-SW01	CH-SWSD120-SW01D
		Sample Date	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017
		Sample Type Code	N	N	N	N	N	N	N	N	FD
		Parent Sample ID									CH-SWSD120-SW01
Chemical	CAS	Units									
SVOCs, Dissolved Continued											
Anthracene	120-12-7	ug/L	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—
Benzaldehyde	100-52-7	ug/L	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	—	—
Benzo(a)anthracene	56-55-3	ug/L	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—
Benzo(a)pyrene	50-32-8	ug/L	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—
Benzo(b)fluoranthene	205-99-2	ug/L	—	< 0.040 U	—	0.012 J	—	< 0.040 U	—	—	—
Benzo(g,h,i)perylene	191-24-2	ug/L	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—
Benzo(k)fluoranthene	207-08-9	ug/L	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—
Benzoic acid	65-85-0	ug/L	—	< 15 U	—	< 15 U	—	< 15 U	—	—	—
Biphenyl, 1,1'-	92-52-4	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	—	—
Butyl benzyl phthalate	85-68-7	ug/L	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	—	—
Caprolactam	105-60-2	ug/L	—	< 15 U	—	< 15 U	—	< 15 U	—	—	—
CARBAZOLE	86-74-8	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	—
Chrysene	218-01-9	ug/L	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—
Dibenz(a,h)anthracene	53-70-3	ug/L	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—
Dibenzofuran	132-64-9	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	—	—
Diethyl phthalate	84-66-2	ug/L	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	—	—
Dimethyl phthalate	131-11-3	ug/L	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	—	—
Di-n-butyl phthalate	84-74-2	ug/L	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	—	—
Di-n-octyl phthalate	117-84-0	ug/L	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	—	—
Fluoranthene	206-44-0	ug/L	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—
Fluorene	86-73-7	ug/L	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—
Naphthalene	91-20-3	ug/L	—	< 0.060 U	—	< 0.060 U	—	< 0.061 U	—	—	—
Phenanthrene	85-01-8	ug/L	—	< 0.060 U	—	< 0.060 U	—	< 0.061 U	—	—	—
Pyrene	129-00-0	ug/L	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	< 0.092	—	0.090	—	< 0.092	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	< 0.36	—	0.33	—	< 0.36	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	< 0.40	—	< 0.40	—	< 0.40	—	—	—
Total PAHs Calculated	CALC-PAH	ug/L	—	< 0.76	—	0.73	—	< 0.76	—	—	—
SVOCs, Total											
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 UJ	< 1.0 U
1-Methylnaphthalene	90-12-0	ug/L	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	< 0.040 U	< 0.040 U
2-Chloronaphthalene	91-58-7	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 UJ	< 1.0 U
2-Methylnaphthalene	91-57-6	ug/L	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	< 0.040 U	< 0.040 U
2-Methylphenol	95-48-7	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U
3,4-Methylphenol	108394/106445	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U
4-Chloroaniline	106-47-8	ug/L	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U	< 4.0 U	< 4.0 U
Acenaphthene	83-32-9	ug/L	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	< 0.040 U	< 0.040 U
Acenaphthylene	208-96-8	ug/L	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	< 0.040 U	< 0.040 U
Anthracene	120-12-7	ug/L	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	< 0.040 U	< 0.040 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD116 CH-SWSD116-SW01 6/3/2017 N	CH-SWSD116 CH-SWSD116-SW01-F 6/3/2017 N	CH-SWSD117 CH-SWSD117-SW01 6/3/2017 N	CH-SWSD117 CH-SWSD117-SW01-F 6/3/2017 N	CH-SWSD118 CH-SWSD118-SW01 6/3/2017 N	CH-SWSD118 CH-SWSD118-SW01-F 6/3/2017 N	CH-SWSD119 CH-SWSD119-SW01 6/3/2017 N	CH-SWSD120 CH-SWSD120-SW01 6/3/2017 N	CH-SWSD120 CH-SWSD120-SW01D 6/3/2017 FD CH-SWSD120-SW01
Chemical	CAS	Units									
SVOCs, Total Continued											
Benzaldehyde	100-52-7	ug/L	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U	< 4.0 UJ	< 4.0 U
Benzo(a)anthracene	56-55-3	ug/L	0.035 J	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	< 0.040 U	< 0.040 U
Benzo(a)pyrene	50-32-8	ug/L	0.053	—	< 0.040 U	—	0.011 J	—	< 0.040 U	< 0.040 U	< 0.040 U
Benzo(b)fluoranthene	205-99-2	ug/L	0.066	—	0.032 J	—	0.016 J	—	< 0.040 U	< 0.040 U	< 0.040 U
Benzo(g,h,i)perylene	191-24-2	ug/L	0.036 J	—	0.014 J	—	< 0.040 U	—	< 0.040 U	< 0.040 U	< 0.040 U
Benzo(k)fluoranthene	207-08-9	ug/L	0.031 J	—	0.020 J	—	< 0.040 U	—	< 0.040 U	< 0.040 U	< 0.040 U
Benzoic acid	65-85-0	ug/L	< 15 U	—	< 15 U	—	< 15 U	—	< 15 U	< 15 U	< 15 U
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 U	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U	< 4.0 UJ	< 4.0 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U	< 4.0 UJ	< 4.0 U
Caprolactam	105-60-2	ug/L	< 15 U	—	< 15 U	—	< 15 U	—	< 15 U	< 15 UJ	< 15 U
CARBAZOLE	86-74-8	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 UJ	< 1.0 U
Chrysene	218-01-9	ug/L	0.045 J	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	< 0.040 U	< 0.040 U
Dibenz(a,h)anthracene	53-70-3	ug/L	0.015 J	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	< 0.040 U	< 0.040 U
Dibenzofuran	132-64-9	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	< 1.0 UJ	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U	< 4.0 UJ	< 4.0 U
Dimethyl phthalate	131-11-3	ug/L	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U	< 4.0 UJ	< 4.0 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U	< 4.0 UJ	< 4.0 U
Di-n-octyl phthalate	117-84-0	ug/L	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U	< 4.0 UJ	< 4.0 U
Fluoranthene	206-44-0	ug/L	0.079	—	< 0.040 U	—	0.019 J	—	< 0.040 U	< 0.040 U	< 0.040 U
Fluorene	86-73-7	ug/L	< 0.040 U	—	< 0.040 U	—	< 0.040 U	—	< 0.040 U	< 0.040 U	< 0.040 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	0.037 J	—	0.014 J	—	< 0.040 U	—	< 0.040 U	< 0.040 U	< 0.040 U
Naphthalene	91-20-3	ug/L	< 0.061 U	—	< 0.060 U	—	< 0.060 U	—	< 0.060 U	< 0.061 U	< 0.060 U
Phenanthrene	85-01-8	ug/L	< 0.061 U	—	< 0.060 U	—	< 0.060 U	—	< 0.060 U	< 0.061 U	< 0.060 U
Pyrene	129-00-0	ug/L	0.069	—	< 0.040 U	—	0.015 J	—	< 0.040 U	< 0.040 U	< 0.040 U
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	0.082	—	0.0085	—	0.016	—	< 0.092	< 0.092	< 0.092
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	0.39	—	0.18	—	0.13	—	< 0.36	< 0.36	< 0.36
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	0.44	—	< 0.40	—	0.38	—	< 0.40	< 0.40	< 0.40
Total PAHs Calculated	CALC-PAH	ug/L	0.72	—	0.36	—	0.28	—	< 0.76	< 0.76	< 0.76

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Chemical	CAS	Units	Location ID	CH-SWSD121	CH-SWSD122	CH-SWSD123	CH-SWSD124	CH-SWSD125	CH-SWSD126	CH-SWSD127	CH-SWSD128	CH-SWSD129
			Sample ID	CH-SWSD121-SW01	CH-SWSD122-SW01	CH-SWSD123-SW01	CH-SWSD124-SW01	CH-SWSD125-SW01	CH-SWSD126-SW01	CH-SWSD127-SW01	CH-SWSD128-SW01	CH-SWSD129-SW01
			Sample Date	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017
			Sample Type Code	N	N	N	N	N	N	N	N	N
			Parent Sample ID									
Dissolved Oxygen	DO	mg/L	7.82	7.25	7.18	7.49	8.45	3.53	3.88	4.04	3.95	
Oxidation Reduction Potential	ORP	mV	190.2	160.2	143.1	172.6	187.7	226.5	251.9	240.4	270.2	
pH	PH	PH	6.51	6.52	6.50	6.52	6.70	3.77	3.68	3.65	3.62	
Specific Conductance	SC	ms/cm	0.158	0.156	0.155	0.154	0.154	0.193	0.205	0.214	0.213	
Temperature	TEMP	deg C	13.95	13.38	13.68	13.53	13.91	15.47	15.21	14.30	14.50	
Turbidity	TURB	NTU	2.5	5.5	5.3	5.4	3.4	0.1	0.9	0.6	2.0	
General Chemistry, Dissolved												
Total hardness	HARDNESS	ug/L	--	--	--	--	--	--	--	--	--	
General Chemistry, Total												
Total hardness	HARDNESS	ug/L	33500	32600	31500	31300	31500	10200	13300	14300	13500	
Metals, Dissolved												
Aluminum	7429-90-5	ug/L	--	--	--	--	--	--	--	--	--	
Antimony	7440-36-0	ug/L	--	--	--	--	--	--	--	--	--	
Arsenic	7440-38-2	ug/L	--	--	--	--	--	--	--	--	--	
Barium	7440-39-3	ug/L	--	--	--	--	--	--	--	--	--	
Beryllium	7440-41-7	ug/L	--	--	--	--	--	--	--	--	--	
Cadmium	7440-43-9	ug/L	--	--	--	--	--	--	--	--	--	
Calcium (Ca)	7440-70-2	ug/L	--	--	--	--	--	--	--	--	--	
Chromium	7440-47-3	ug/L	--	--	--	--	--	--	--	--	--	
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	--	--	--	--	--	--	--	--	--	
Chromium(VI) (b)	18540-29-9	ug/L	--	--	--	--	--	--	--	--	--	
Chromium(VI)	18540-29-9	ug/L	--	--	--	--	--	--	--	--	--	
Cobalt	7440-48-4	ug/L	--	--	--	--	--	--	--	--	--	
Copper	7440-50-8	ug/L	--	--	--	--	--	--	--	--	--	
Iron (Fe)	7439-89-6	ug/L	--	--	--	--	--	--	--	--	--	
Lead	7439-92-1	ug/L	--	--	--	--	--	--	--	--	--	
Magnesium (Mg)	7439-95-4	ug/L	--	--	--	--	--	--	--	--	--	
Manganese (Mn)	7439-96-5	ug/L	--	--	--	--	--	--	--	--	--	
Mercury	7439-97-6	ug/L	--	--	--	--	--	--	--	--	--	
Nickel	7440-02-0	ug/L	--	--	--	--	--	--	--	--	--	
Potassium (K)	7440-09-7	ug/L	--	--	--	--	--	--	--	--	--	
Selenium	7782-49-2	ug/L	--	--	--	--	--	--	--	--	--	
Silver	7440-22-4	ug/L	--	--	--	--	--	--	--	--	--	
Sodium (Na)	7440-23-5	ug/L	--	--	--	--	--	--	--	--	--	
Thallium	7440-28-0	ug/L	--	--	--	--	--	--	--	--	--	
Vanadium	7440-62-2	ug/L	--	--	--	--	--	--	--	--	--	
Zinc	7440-66-6	ug/L	--	--	--	--	--	--	--	--	--	
Metals, Total												
Aluminum	7429-90-5	ug/L	696	468	471	466	442	645	478	395	390	
Antimony	7440-36-0	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	
Arsenic	7440-38-2	ug/L	0.80 J	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	0.68 J	< 2.0 U	< 2.0 U	< 2.0 U	
Barium	7440-39-3	ug/L	23.7	20.2	21.1	19.4	19.5	15.6	16.0	15.7	15.6	
Beryllium	7440-41-7	ug/L	0.17 J	0.11 J	0.12 J	0.11 J	0.12 J	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

	Location ID		CH-SWSD121	CH-SWSD122	CH-SWSD123	CH-SWSD124	CH-SWSD125	CH-SWSD126	CH-SWSD127	CH-SWSD128	CH-SWSD129
	Sample ID		CH-SWSD121-SW01	CH-SWSD122-SW01	CH-SWSD123-SW01	CH-SWSD124-SW01	CH-SWSD125-SW01	CH-SWSD126-SW01	CH-SWSD127-SW01	CH-SWSD128-SW01	CH-SWSD129-SW01
	Sample Date		6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017
	Sample Type Code		N	N	N	N	N	N	N	N	N
	Parent Sample ID										
Chemical	CAS	Units									
Metals, Total Continued											
Cadmium	7440-43-9	ug/L	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	7520	7370	6990 J+	6930	7060	1430	2050	2070	2040
Chromium	7440-47-3	ug/L	1.6 J	1.2 J	1.3 J	1.4 J	1.2 J	1.2 J	0.97 J	0.90 J	0.74 J
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	0.5 J	0.4 J	0.4 J	0.4 J	0.4 J	0.4 J	0.3 J	0.3 J	0.2 J
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	1.0	0.44 J	0.44 J	0.50 J	0.37 J	0.40 J	0.32 J	0.23 J	0.21 J
Copper	7440-50-8	ug/L	4.0 J	2.6 J	2.9 J	2.6 J	2.4 J	1.1 J	0.79 J	0.70 J	0.57 J
Iron (Fe)	7439-89-6	ug/L	1230	1050	1210	1180	1070	1410	560	434	307
Lead	7439-92-1	ug/L	0.81 J	0.48 J	0.54 J	0.56 J	0.46 J	1.5 J	1.1 J	0.97 J	0.95 J
Magnesium (Mg)	7439-95-4	ug/L	3570	3440	3420	3390	3360	1610	1990	2220	2030
Manganese (Mn)	7439-96-5	ug/L	66.4	51.9	63.0	63.5	49.2	12.2	< 7.3 U	< 7.2 U	< 6.3 U
Mercury	7439-97-6	ug/L	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	0.057 J	< 0.10 U	< 0.10 U
Nickel	7440-02-0	ug/L	2.4 J	1.6 J	1.7 J	1.8 J	1.6 J	1.8 J	1.1 J	< 2.0 U	< 2.0 U
Potassium (K)	7440-09-7	ug/L	1360	1130	1150	1170	1110	221 J	684	637	502
Selenium	7782-49-2	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Silver	7440-22-4	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	17300	16600	16500	16100	15800	19000	18200	18800	17900
Thallium	7440-28-0	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Vanadium	7440-62-2	ug/L	1.7	1.4	1.4	1.4	1.4	1.2	1.4	1.1	1.6
Zinc	7440-66-6	ug/L	19.6 J	11.5 J	11.9 J	63.4	48.8	25.8 J	17.2 J	14.1 J	12.6 J
PCBs											
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	< 0.26 U	< 0.24 U	< 0.24 U	< 0.24 U
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	< 0.26 U	< 0.24 U	< 0.24 U	< 0.24 U
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	< 0.35 U	< 0.32 U	< 0.32 U	< 0.32 U
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	< 0.26 U	< 0.24 U	< 0.24 U	< 0.24 U
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	< 0.26 U	< 0.24 U	< 0.24 U	< 0.24 U
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	< 0.26 U	< 0.24 U	< 0.24 U	< 0.24 U
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	< 0.26 U	< 0.24 U	< 0.24 U	< 0.24 U
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	< 0.35 U	< 0.32 U	< 0.32 U	< 0.32 U
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	< 0.28 U	< 0.26 U	< 0.26 U	< 0.26 U
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	< 2.5	< 2.3	< 2.3	< 2.3
SVOCs, Dissolved											
1,4-Dichlorobenzene	106-46-7	ug/L	—	—	—	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	ug/L	—	—	—	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	ug/L	—	—	—	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	ug/L	—	—	—	—	—	—	—	—	—
2-Methylphenol	95-48-7	ug/L	—	—	—	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	ug/L	—	—	—	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	ug/L	—	—	—	—	—	—	—	—	—
4-Chloroaniline	106-47-8	ug/L	—	—	—	—	—	—	—	—	—
Acenaphthene	83-32-9	ug/L	—	—	—	—	—	—	—	—	—
Acenaphthylene	208-96-8	ug/L	—	—	—	—	—	—	—	—	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD121	CH-SWSD122	CH-SWSD123	CH-SWSD124	CH-SWSD125	CH-SWSD126	CH-SWSD127	CH-SWSD128	CH-SWSD129
Sample ID		CH-SWSD121-SW01	CH-SWSD122-SW01	CH-SWSD123-SW01	CH-SWSD124-SW01	CH-SWSD125-SW01	CH-SWSD126-SW01	CH-SWSD127-SW01	CH-SWSD128-SW01	CH-SWSD129-SW01
Sample Date		6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017
Sample Type Code		N	N	N	N	N	N	N	N	N
Parent Sample ID										
Chemical	CAS	Units								
SVOCs, Dissolved Continued										
Anthracene	120-12-7	ug/L	—	—	—	—	—	—	—	—
Benzaldehyde	100-52-7	ug/L	—	—	—	—	—	—	—	—
Benzo(a)anthracene	56-55-3	ug/L	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	ug/L	—	—	—	—	—	—	—	—
Benzo(b)fluoranthene	205-99-2	ug/L	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	ug/L	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	ug/L	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	ug/L	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	ug/L	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	ug/L	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	ug/L	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	ug/L	—	—	—	—	—	—	—	—
Chrysene	218-01-9	ug/L	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	ug/L	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	ug/L	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	ug/L	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	ug/L	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	ug/L	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	ug/L	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	ug/L	—	—	—	—	—	—	—	—
Fluorene	86-73-7	ug/L	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	ug/L	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	ug/L	—	—	—	—	—	—	—	—
Pyrene	129-00-0	ug/L	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	ug/L	—	—	—	—	—	—	—	—
SVOCs, Total										
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1-Methylnaphthalene	90-12-0	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	0.020 J	0.021 J	< 0.042 U	0.023 J
2-Chloronaphthalene	91-58-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
2-Methylnaphthalene	91-57-6	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.051 U	< 0.052 U	< 0.042 U	< 0.051 UJ
2-Methylphenol	95-48-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
3,4-Methylphenol	108394/106445	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
4-Chloroaniline	106-47-8	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.2 U	< 4.0 U
Acenaphthene	83-32-9	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	0.10	0.095	0.039 J	0.078 J
Acenaphthylene	208-96-8	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.042 U	< 0.040 U
Anthracene	120-12-7	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	0.015 J	< 0.041 U	< 0.042 U	< 0.040 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID			CH-SWSD121	CH-SWSD122	CH-SWSD123	CH-SWSD124	CH-SWSD125	CH-SWSD126	CH-SWSD127	CH-SWSD128	CH-SWSD129
Sample ID			CH-SWSD121-SW01	CH-SWSD122-SW01	CH-SWSD123-SW01	CH-SWSD124-SW01	CH-SWSD125-SW01	CH-SWSD126-SW01	CH-SWSD127-SW01	CH-SWSD128-SW01	CH-SWSD129-SW01
Sample Date			6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017
Sample Type Code			N	N	N	N	N	N	N	N	N
Parent Sample ID											
Chemical	CAS	Units									
SVOCs, Total Continued											
Benzaldehyde	100-52-7	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.2 U	< 4.0 U
Benzo(a)anthracene	56-55-3	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	0.015 J	< 0.041 U	< 0.042 U	< 0.040 U
Benzo(a)pyrene	50-32-8	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.042 U	< 0.040 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	0.036 J	0.026 J	0.028 J	0.035 J
Benzo(g,h,i)perylene	191-24-2	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.042 U	< 0.040 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	0.016 J	0.014 J	< 0.042 U	0.013 J
Benzoic acid	65-85-0	ug/L	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 16 U	< 15 U
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.2 U	< 4.0 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.2 U	< 4.0 U
Caprolactam	105-60-2	ug/L	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 16 U	< 15 U
CARBAZOLE	86-74-8	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Chrysene	218-01-9	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	0.046 J	0.030 J	0.025 J	0.032 J
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.042 U	< 0.040 U
Dibenzofuran	132-64-9	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.2 U	< 4.0 U
Dimethyl phthalate	131-11-3	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.2 U	< 4.0 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.2 U	< 4.0 U
Di-n-octyl phthalate	117-84-0	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.2 U	< 4.0 U
Fluoranthene	206-44-0	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	0.096	0.077	0.039 J	0.053 J
Fluorene	86-73-7	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	0.034 J	0.036 J	0.013 J	0.026 J
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.042 U	< 0.040 U
Naphthalene	91-20-3	ug/L	< 0.060 U	< 0.060 U	< 0.060 U	< 0.060 U	< 0.060 U	< 0.061 U	0.032 J	< 0.063 U	0.046 J
Phenanthrene	85-01-8	ug/L	< 0.060 U	< 0.060 U	< 0.060 U	< 0.060 U	< 0.060 U	0.087	0.076	< 0.063 U	0.046 J
Pyrene	129-00-0	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	0.057	0.039 J	0.018 J	0.026 J
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	< 0.092	< 0.092	< 0.092	< 0.092	< 0.092	0.0093	0.0065	0.0067	0.0085
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	0.26	0.25	0.21	0.24
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	0.42	0.43	0.27	0.35
Total PAHs Calculated	CALC-PAH	ug/L	< 0.76	< 0.76	< 0.76	< 0.76	< 0.76	0.69	0.67	0.49	0.59

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-SWSD129	CH-SWSD130	CH-SWSD131	CH-SWSD132	CH-SWSD133	CH-SWSD134	CH-SWSD135	CH-SWSD135	CH-SWSD136	
	Sample ID	CH-SWSD129-SW01D	CH-SWSD130-SW01	CH-SWSD131-SW01	CH-SWSD132-SW01	CH-SWSD133-SW01	CH-SWSD134-SW01	CH-SWSD135-SW01	CH-SWSD135-SW01D	CH-SWSD136-SW01	
	Sample Date	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	
	Sample Type Code	FD	N	N	N	N	N	N	FD	N	
	Parent Sample ID	CH-SWSD129-SW01							CH-SWSD135-SW01		
Chemical	CAS	Units									
Field											
Dissolved Oxygen	DO	mg/L	—	3.19	2.79	2.94	4.55	2.72	2.44	—	6.86
Oxidation Reduction Potential	ORP	mV	—	248.2	247.8	254.4	280.5	226.1	242.3	—	239.8
pH	PH	PH	—	3.61	3.62	3.61	3.60	3.60	3.60	—	3.60
Specific Conductance	SC	ms/cm	—	0.207	0.205	0.205	0.205	0.200	0.199	—	0.200
Temperature	TEMP	deg C	—	13.56	13.53	13.16	13.01	13.21	13.24	—	12.71
Turbidity	TURB	NTU	—	1.0	0.9	1.0	0.5	0.7	1.4	—	2.4
General Chemistry, Dissolved											
Total hardness	HARDNESS	ug/L	—	—	—	—	—	—	—	—	—
General Chemistry, Total											
Total hardness	HARDNESS	ug/L	13400	13100	13000	13100	12700	12100	12300	12200	12100
Metals, Dissolved											
Aluminum	7429-90-5	ug/L	—	—	—	—	—	—	—	—	—
Antimony	7440-36-0	ug/L	—	—	—	—	—	—	—	—	—
Arsenic	7440-38-2	ug/L	—	—	—	—	—	—	—	—	—
Barium	7440-39-3	ug/L	—	—	—	—	—	—	—	—	—
Beryllium	7440-41-7	ug/L	—	—	—	—	—	—	—	—	—
Cadmium	7440-43-9	ug/L	—	—	—	—	—	—	—	—	—
Calcium (Ca)	7440-70-2	ug/L	—	—	—	—	—	—	—	—	—
Chromium	7440-47-3	ug/L	—	—	—	—	—	—	—	—	—
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	—	—	—	—	—	—	—	—	—
Copper	7440-50-8	ug/L	—	—	—	—	—	—	—	—	—
Iron (Fe)	7439-89-6	ug/L	—	—	—	—	—	—	—	—	—
Lead	7439-92-1	ug/L	—	—	—	—	—	—	—	—	—
Magnesium (Mg)	7439-95-4	ug/L	—	—	—	—	—	—	—	—	—
Manganese (Mn)	7439-96-5	ug/L	—	—	—	—	—	—	—	—	—
Mercury	7439-97-6	ug/L	—	—	—	—	—	—	—	—	—
Nickel	7440-02-0	ug/L	—	—	—	—	—	—	—	—	—
Potassium (K)	7440-09-7	ug/L	—	—	—	—	—	—	—	—	—
Selenium	7782-49-2	ug/L	—	—	—	—	—	—	—	—	—
Silver	7440-22-4	ug/L	—	—	—	—	—	—	—	—	—
Sodium (Na)	7440-23-5	ug/L	—	—	—	—	—	—	—	—	—
Thallium	7440-28-0	ug/L	—	—	—	—	—	—	—	—	—
Vanadium	7440-62-2	ug/L	—	—	—	—	—	—	—	—	—
Zinc	7440-66-6	ug/L	—	—	—	—	—	—	—	—	—
Metals, Total											
Aluminum	7429-90-5	ug/L	403	416	388	384	383	452	485	458	486
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Barium	7440-39-3	ug/L	13.7	14.7	14.5	12.1	11.0	14.8	15.6	13.2	15.2
Beryllium	7440-41-7	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-SWSD129	CH-SWSD130	CH-SWSD131	CH-SWSD132	CH-SWSD133	CH-SWSD134	CH-SWSD135	CH-SWSD135	CH-SWSD136
	Sample ID	CH-SWSD129-SW01D	CH-SWSD130-SW01	CH-SWSD131-SW01	CH-SWSD132-SW01	CH-SWSD133-SW01	CH-SWSD134-SW01	CH-SWSD135-SW01	CH-SWSD135-SW01D	CH-SWSD136-SW01
	Sample Date	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017
	Sample Type Code	FD	N	N	N	N	N	N	FD	N
	Parent Sample ID	CH-SWSD129-SW01							CH-SWSD135-SW01	
Chemical	CAS	Units								
Metals, Total Continued										
Cadmium	7440-43-9	ug/L	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	1970	2000	1890	2110	1960	1840	1920	1860
Chromium	7440-47-3	ug/L	1.0 J	0.93 J	1.1 J	1.1 J	0.73 J	1.2 J	1.1 J	1.1 J
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	< 2.0 U	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	0.3 J	—	0.3 J	0.3 J	0.2 J	0.4 J	0.3 J	0.3 J
Chromium(VI)	18540-29-9	ug/L	—	0.61	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	0.25 J	< 0.50 U	< 0.50 U	0.23 J	0.29 J	0.21 J	0.22 J	0.21 J
Copper	7440-50-8	ug/L	0.66 J	0.72 J	0.75 J	0.61 J	< 1.0 U	0.69 J	0.75 J	0.65 J
Iron (Fe)	7439-89-6	ug/L	301	290	279	286	265	305	317	319
Lead	7439-92-1	ug/L	0.94 J	0.99 J	0.96 J	0.92 J	0.93 J	1.1 J	1.1 J	1.1 J
Magnesium (Mg)	7439-95-4	ug/L	2060	1980	2020	1900	1900	1830	1820	1830
Manganese (Mn)	7439-96-5	ug/L	< 5.7 U	< 5.7 U	8.9	< 6.5 U	< 6.6 U	< 6.2 U	< 6.1 U	< 6.3 U
Mercury	7439-97-6	ug/L	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	0.055 J
Nickel	7440-02-0	ug/L	< 2.0 U	< 2.0 U	1.1 J	< 2.0 U	< 2.0 U	0.93 J	< 2.0 U	< 2.0 U
Potassium (K)	7440-09-7	ug/L	535	456	474	452	485	482	494	490
Selenium	7782-49-2	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Silver	7440-22-4	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	17800	16700	16900	16500	16200	15400	15500	15400
Thallium	7440-28-0	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Vanadium	7440-62-2	ug/L	1.6	1.5	1.2	1.2	1.2	1.4	1.4 J	1.0 J
Zinc	7440-66-6	ug/L	13.1 J	11.9 J	13.1 J	12.5 J	12.5 J	10.1 J	10.7 J	9.1 J
PCBs										
Aroclor 1016	12674-11-2	ug/L	< 0.25 U	< 0.25 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
Aroclor 1221	11104-28-2	ug/L	< 0.25 U	< 0.25 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
Aroclor 1232	11141-16-5	ug/L	< 0.33 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
Aroclor 1242	53469-21-9	ug/L	< 0.25 U	< 0.25 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
Aroclor 1248	12672-29-6	ug/L	< 0.25 U	< 0.25 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
Aroclor 1254	11097-69-1	ug/L	< 0.25 U	< 0.25 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
Aroclor 1260	11096-82-5	ug/L	< 0.25 U	< 0.25 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
Aroclor 1262	37324-23-5	ug/L	< 0.33 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
Aroclor 1268	11100-14-4	ug/L	< 0.26 U	< 0.27 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U
Total PCBs Calculated	CALC-PCB	ug/L	< 2.4	< 2.4	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
SVOCs, Dissolved										
1,4-Dichlorobenzene	106-46-7	ug/L	—	—	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	ug/L	—	—	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	ug/L	—	—	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	ug/L	—	—	—	—	—	—	—	—
2-Methylphenol	95-48-7	ug/L	—	—	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	ug/L	—	—	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	ug/L	—	—	—	—	—	—	—	—
4-Chloroaniline	106-47-8	ug/L	—	—	—	—	—	—	—	—
Acenaphthene	83-32-9	ug/L	—	—	—	—	—	—	—	—
Acenaphthylene	208-96-8	ug/L	—	—	—	—	—	—	—	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-SWSD129	CH-SWSD130	CH-SWSD131	CH-SWSD132	CH-SWSD133	CH-SWSD134	CH-SWSD135	CH-SWSD135	CH-SWSD136
	Sample ID	CH-SWSD129-SW01D	CH-SWSD130-SW01	CH-SWSD131-SW01	CH-SWSD132-SW01	CH-SWSD133-SW01	CH-SWSD134-SW01	CH-SWSD135-SW01	CH-SWSD135-SW01D	CH-SWSD136-SW01
	Sample Date	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017
	Sample Type Code	FD	N	N	N	N	N	N	FD	N
	Parent Sample ID	CH-SWSD129-SW01							CH-SWSD135-SW01	
Chemical	CAS	Units								
SVOCs, Dissolved Continued										
Anthracene	120-12-7	ug/L	—	—	—	—	—	—	—	—
Benzaldehyde	100-52-7	ug/L	—	—	—	—	—	—	—	—
Benzo(a)anthracene	56-55-3	ug/L	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	ug/L	—	—	—	—	—	—	—	—
Benzo(b)fluoranthene	205-99-2	ug/L	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	ug/L	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	ug/L	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	ug/L	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	ug/L	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	ug/L	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	ug/L	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	ug/L	—	—	—	—	—	—	—	—
Chrysene	218-01-9	ug/L	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	ug/L	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	ug/L	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	ug/L	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	ug/L	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	ug/L	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	ug/L	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	ug/L	—	—	—	—	—	—	—	—
Fluorene	86-73-7	ug/L	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	ug/L	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	ug/L	—	—	—	—	—	—	—	—
Pyrene	129-00-0	ug/L	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	ug/L	—	—	—	—	—	—	—	—
SVOCs, Total										
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.0 U	< 1.0 UJ	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1-Methylnaphthalene	90-12-0	ug/L	0.013 J	< 0.040 UJ	0.028 J	0.038 J	0.029 J	0.034 J	0.037 J	0.029 J
2-Chloronaphthalene	91-58-7	ug/L	< 1.0 U	< 1.0 UJ	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
2-Methylnaphthalene	91-57-6	ug/L	< 0.050 UJ	< 0.040 UJ	< 0.050 U	< 0.051 U	< 0.051 U	< 0.051 U	< 0.051 U	< 0.050 U
2-Methylphenol	95-48-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
3,4-Methylphenol	108394/106445	ug/L	< 1.0 U	< 1.0 UJ	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.0 U	< 1.0 UJ	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
4-Chloroaniline	106-47-8	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U
Acenaphthene	83-32-9	ug/L	0.050 J	0.026 J	0.097	0.12	0.11	0.086	0.10	0.083
Acenaphthylene	208-96-8	ug/L	< 0.040 U	< 0.040 UJ	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U
Anthracene	120-12-7	ug/L	< 0.040 U	< 0.040 UJ	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD129	CH-SWSD130	CH-SWSD131	CH-SWSD132	CH-SWSD133	CH-SWSD134	CH-SWSD135	CH-SWSD135	CH-SWSD136
Sample ID		CH-SWSD129-SW01D	CH-SWSD130-SW01	CH-SWSD131-SW01	CH-SWSD132-SW01	CH-SWSD133-SW01	CH-SWSD134-SW01	CH-SWSD135-SW01	CH-SWSD135-SW01D	CH-SWSD136-SW01
Sample Date		6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017
Sample Type Code		FD	N	N	N	N	N	N	FD	N
Parent Sample ID		CH-SWSD129-SW01							CH-SWSD135-SW01	
Chemical	CAS	Units								
SVOCs, Total Continued										
Benzaldehyde	100-52-7	ug/L	< 4.0 U	< 4.0 UJ	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U
Benzo(a)anthracene	56-55-3	ug/L	< 0.040 U	< 0.040 UJ	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U
Benzo(a)pyrene	50-32-8	ug/L	< 0.040 U	< 0.040 UJ	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U
Benzo(b)fluoranthene	205-99-2	ug/L	0.026 J	< 0.040 UJ	0.025 J	0.031 J	0.026 J	0.019 J	0.020 J	0.021 J
Benzo(g,h,i)perylene	191-24-2	ug/L	< 0.040 U	< 0.040 UJ	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.040 UJ	< 0.040 UJ	0.012 J	0.014 J	0.012 J	< 0.040 U	< 0.041 U	< 0.040 U
Benzoic acid	65-85-0	ug/L	< 15 U	< 15 UJ	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.0 U	< 4.0 UJ	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.0 U	< 4.0 UJ	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U
Caprolactam	105-60-2	ug/L	< 15 U	< 15 UJ	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U
CARBAZOLE	86-74-8	ug/L	< 1.0 U	< 1.0 UJ	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Chrysene	218-01-9	ug/L	0.024 J	< 0.040 UJ	0.026 J	0.034 J	0.027 J	0.020 J	0.018 J	0.022 J
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.040 U	< 0.040 UJ	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U
Dibenzofuran	132-64-9	ug/L	< 1.0 U	< 1.0 UJ	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	< 4.0 U	< 4.0 UJ	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U
Dimethyl phthalate	131-11-3	ug/L	< 4.0 U	< 4.0 UJ	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.0 U	< 4.0 UJ	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U
Di-n-octyl phthalate	117-84-0	ug/L	< 4.0 U	< 4.0 UJ	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U
Fluoranthene	206-44-0	ug/L	0.036 J	0.012 J	0.049 J	0.093	0.061	0.037 J	0.034 J	0.044 J
Fluorene	86-73-7	ug/L	0.015 J	< 0.040 UJ	0.033 J	0.041 J	0.035 J	0.030 J	0.034 J	0.028 J
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	< 0.040 U	< 0.040 UJ	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U
Naphthalene	91-20-3	ug/L	< 0.060 UJ	< 0.060 UJ	0.033 J	0.038 J	0.035 J	0.086	0.099	0.081
Phenanthrene	85-01-8	ug/L	< 0.060 UJ	< 0.060 UJ	0.049 J	0.093	0.064	0.049 J	0.049 J	0.050 J
Pyrene	129-00-0	ug/L	0.019 J	< 0.040 UJ	0.024 J	0.050 J	0.030 J	0.022 J	0.019 J	0.028 J
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	0.0062	< 0.092	0.0062	0.0076	0.0064	0.0045	0.0048	0.0050
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	0.21	< 0.36	0.20	0.26	0.21	0.18	0.17	0.21
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	0.23	0.17	0.39	0.54	0.43	0.43	0.46	0.40
Total PAHs Calculated	CALC-PAH	ug/L	0.43	0.34	0.59	0.80	0.65	0.63	0.66	0.60

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID			CH-SWSD137	CH-SWSD138	CH-SWSD139	CH-SWSD140	CH-SWSD141	CH-SWSD142	CH-SWSD143	CH-SWSD144	CH-SWSD145
Sample ID			CH-SWSD137-SW01	CH-SWSD138-SW01	CH-SWSD139-SW01	CH-SWSD140-SW01	CH-SWSD141-SW01	CH-SWSD142-SW01	CH-SWSD143-SW01	CH-SWSD144-SW01	CH-SWSD145-SW01
Sample Date			6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017
Sample Type Code			N	N	N	N	N	N	N	N	N
Parent Sample ID											
Chemical	CAS	Units									
Field											
Dissolved Oxygen	DO	mg/L	1.80	1.74	2.25	2.41	8.07	8.15	8.09	8.06	8.15
Oxidation Reduction Potential	ORP	mV	17.7	211.9	212.6	256.9	100.8	109.7	111.2	112.9	109.8
pH	PH	PH	3.61	3.62	3.62	3.64	6.43	6.41	6.41	6.30	6.38
Specific Conductance	SC	ms/cm	0.199	0.200	0.194	0.192	0.173	0.173	0.173	0.173	0.172
Temperature	TEMP	deg C	12.83	12.63	12.63	12.53	16.52	16.96	16.02	16.30	15.68
Turbidity	TURB	NTU	1.3	1.1	0.4	0.9	1.5	0.2	0.1	0.6	0.6
General Chemistry, Dissolved											
Total hardness	HARDNESS	ug/L	--	--	--	--	--	--	--	--	--
General Chemistry, Total											
Total hardness	HARDNESS	ug/L	12700	12700	12700	13000	24100	23200	24300	21700	21600
Metals, Dissolved											
Aluminum	7429-90-5	ug/L	--	--	--	--	--	--	--	--	--
Antimony	7440-36-0	ug/L	--	--	--	--	--	--	--	--	--
Arsenic	7440-38-2	ug/L	--	--	--	--	--	--	--	--	--
Barium	7440-39-3	ug/L	--	--	--	--	--	--	--	--	--
Beryllium	7440-41-7	ug/L	--	--	--	--	--	--	--	--	--
Cadmium	7440-43-9	ug/L	--	--	--	--	--	--	--	--	--
Calcium (Ca)	7440-70-2	ug/L	--	--	--	--	--	--	--	--	--
Chromium	7440-47-3	ug/L	--	--	--	--	--	--	--	--	--
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	--	--	--	--	--	--	--	--	--
Chromium(VI) (b)	18540-29-9	ug/L	--	--	--	--	--	--	--	--	--
Chromium(VI)	18540-29-9	ug/L	--	--	--	--	--	--	--	--	--
Cobalt	7440-48-4	ug/L	--	--	--	--	--	--	--	--	--
Copper	7440-50-8	ug/L	--	--	--	--	--	--	--	--	--
Iron (Fe)	7439-89-6	ug/L	--	--	--	--	--	--	--	--	--
Lead	7439-92-1	ug/L	--	--	--	--	--	--	--	--	--
Magnesium (Mg)	7439-95-4	ug/L	--	--	--	--	--	--	--	--	--
Manganese (Mn)	7439-96-5	ug/L	--	--	--	--	--	--	--	--	--
Mercury	7439-97-6	ug/L	--	--	--	--	--	--	--	--	--
Nickel	7440-02-0	ug/L	--	--	--	--	--	--	--	--	--
Potassium (K)	7440-09-7	ug/L	--	--	--	--	--	--	--	--	--
Selenium	7782-49-2	ug/L	--	--	--	--	--	--	--	--	--
Silver	7440-22-4	ug/L	--	--	--	--	--	--	--	--	--
Sodium (Na)	7440-23-5	ug/L	--	--	--	--	--	--	--	--	--
Thallium	7440-28-0	ug/L	--	--	--	--	--	--	--	--	--
Vanadium	7440-62-2	ug/L	--	--	--	--	--	--	--	--	--
Zinc	7440-66-6	ug/L	--	--	--	--	--	--	--	--	--
Metals, Total											
Aluminum	7429-90-5	ug/L	475	506	525	537	258	225	255	285	263
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Arsenic	7440-38-2	ug/L	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 UJ	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Barium	7440-39-3	ug/L	15.0	12.5	16.5	15.7	21.0	17.8	19.4	17.4	20.5
Beryllium	7440-41-7	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD137 CH-SWSD137-SW01 6/7/2017 N	CH-SWSD138 CH-SWSD138-SW01 6/7/2017 N	CH-SWSD139 CH-SWSD139-SW01 6/7/2017 N	CH-SWSD140 CH-SWSD140-SW01 6/7/2017 N	CH-SWSD141 CH-SWSD141-SW01 6/9/2017 N	CH-SWSD142 CH-SWSD142-SW01 6/9/2017 N	CH-SWSD143 CH-SWSD143-SW01 6/9/2017 N	CH-SWSD144 CH-SWSD144-SW01 6/9/2017 N	CH-SWSD145 CH-SWSD145-SW01 6/9/2017 N
Chemical	CAS	Units									
Metals, Total Continued											
Cadmium	7440-43-9	ug/L	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	2040	2150	2110	2190	4330	4130	3980	3720	3600
Chromium	7440-47-3	ug/L	0.96 J	0.79 J	0.91 J	1.2 J	0.86 J	0.88 J	0.93 J	< 4.0 U	< 4.0 U
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	0.98 J	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	0.3 J	0.2 J	0.3 J	—	0.3 J	0.3 J	0.3 J	< 1 U	< 1 U
Chromium(VI)	18540-29-9	ug/L	—	—	—	0.18 J	—	—	—	—	—
Cobalt	7440-48-4	ug/L	< 0.50 U	0.30 J	0.34 J	0.26 J	0.37 J	0.26 J	0.26 J	0.32 J	0.44 J
Copper	7440-50-8	ug/L	0.59 J	0.77 J	0.74 J	0.68 J	0.76 J	0.74 J	0.87 J	0.97 J	0.87 J
Iron (Fe)	7439-89-6	ug/L	315	339	320	346	510	519	521	442	463
Lead	7439-92-1	ug/L	1.2 J	0.94 J	1.0 J	0.99 J	0.24 J	0.20 J	0.27 J	0.26 J	0.25 J
Magnesium (Mg)	7439-95-4	ug/L	1840	1780	1800	1820	3230	3130	3490	3030	3060
Manganese (Mn)	7439-96-5	ug/L	< 6.3 U	< 5.6 U	< 7.0 U	< 6.6 U	27.8	23.8	28.4	24.8	23.0
Mercury	7439-97-6	ug/L	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
Nickel	7440-02-0	ug/L	< 2.0 U	< 2.0 U	< 2.0 U	1.0 J	0.89 J	1.0 J	< 2.0 U	< 2.0 U	0.85 J
Potassium (K)	7440-09-7	ug/L	546	552	606	631	1150	1110	1060	1060	1060
Selenium	7782-49-2	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Silver	7440-22-4	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	16000	15700	15800	16000	20800	20300	20500	19400	19600
Thallium	7440-28-0	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Vanadium	7440-62-2	ug/L	1.3	1.2	1.4	1.4	0.84 J	0.98 J	0.81 J	0.97 J	0.76 J
Zinc	7440-66-6	ug/L	12.4 J	14.2 J	14.6 J	11.0 J	5.0 J	4.4 J	6.8 J	7.8 J	6.4 J
PCBs											
Aroclor 1016	12674-11-2	ug/L	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	—	—	—	—	—
Aroclor 1221	11104-28-2	ug/L	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	—	—	—	—	—
Aroclor 1232	11141-16-5	ug/L	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	—	—	—	—	—
Aroclor 1242	53469-21-9	ug/L	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	—	—	—	—	—
Aroclor 1248	12672-29-6	ug/L	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	—	—	—	—	—
Aroclor 1254	11097-69-1	ug/L	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	—	—	—	—	—
Aroclor 1260	11096-82-5	ug/L	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	—	—	—	—	—
Aroclor 1262	37324-23-5	ug/L	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	—	—	—	—	—
Aroclor 1268	11100-14-4	ug/L	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	ug/L	< 2.3	< 2.3	< 2.3	< 2.3	—	—	—	—	—
SVOCs, Dissolved											
1,4-Dichlorobenzene	106-46-7	ug/L	—	—	—	—	—	—	—	—	—
1-Methylnaphthalene	90-12-0	ug/L	—	—	—	—	—	—	—	—	—
2-Chloronaphthalene	91-58-7	ug/L	—	—	—	—	—	—	—	—	—
2-Methylnaphthalene	91-57-6	ug/L	—	—	—	—	—	—	—	—	—
2-Methylphenol	95-48-7	ug/L	—	—	—	—	—	—	—	—	—
3,4-Methylphenol	108394/106445	ug/L	—	—	—	—	—	—	—	—	—
4-Chloro-3-methylphenol	59-50-7	ug/L	—	—	—	—	—	—	—	—	—
4-Chloroaniline	106-47-8	ug/L	—	—	—	—	—	—	—	—	—
Acenaphthene	83-32-9	ug/L	—	—	—	—	—	—	—	—	—
Acenaphthylene	208-96-8	ug/L	—	—	—	—	—	—	—	—	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD137	CH-SWSD138	CH-SWSD139	CH-SWSD140	CH-SWSD141	CH-SWSD142	CH-SWSD143	CH-SWSD144	CH-SWSD145
Sample ID		CH-SWSD137-SW01	CH-SWSD138-SW01	CH-SWSD139-SW01	CH-SWSD140-SW01	CH-SWSD141-SW01	CH-SWSD142-SW01	CH-SWSD143-SW01	CH-SWSD144-SW01	CH-SWSD145-SW01
Sample Date		6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017
Sample Type Code		N	N	N	N	N	N	N	N	N
Parent Sample ID										
Chemical	CAS	Units								
SVOCs, Dissolved Continued										
Anthracene	120-12-7	ug/L	—	—	—	—	—	—	—	—
Benzaldehyde	100-52-7	ug/L	—	—	—	—	—	—	—	—
Benzo(a)anthracene	56-55-3	ug/L	—	—	—	—	—	—	—	—
Benzo(a)pyrene	50-32-8	ug/L	—	—	—	—	—	—	—	—
Benzo(b)fluoranthene	205-99-2	ug/L	—	—	—	—	—	—	—	—
Benzo(g,h,i)perylene	191-24-2	ug/L	—	—	—	—	—	—	—	—
Benzo(k)fluoranthene	207-08-9	ug/L	—	—	—	—	—	—	—	—
Benzoic acid	65-85-0	ug/L	—	—	—	—	—	—	—	—
Biphenyl, 1,1'-	92-52-4	ug/L	—	—	—	—	—	—	—	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	—	—	—	—	—	—	—
Butyl benzyl phthalate	85-68-7	ug/L	—	—	—	—	—	—	—	—
Caprolactam	105-60-2	ug/L	—	—	—	—	—	—	—	—
CARBAZOLE	86-74-8	ug/L	—	—	—	—	—	—	—	—
Chrysene	218-01-9	ug/L	—	—	—	—	—	—	—	—
Dibenz(a,h)anthracene	53-70-3	ug/L	—	—	—	—	—	—	—	—
Dibenzofuran	132-64-9	ug/L	—	—	—	—	—	—	—	—
Diethyl phthalate	84-66-2	ug/L	—	—	—	—	—	—	—	—
Dimethyl phthalate	131-11-3	ug/L	—	—	—	—	—	—	—	—
Di-n-butyl phthalate	84-74-2	ug/L	—	—	—	—	—	—	—	—
Di-n-octyl phthalate	117-84-0	ug/L	—	—	—	—	—	—	—	—
Fluoranthene	206-44-0	ug/L	—	—	—	—	—	—	—	—
Fluorene	86-73-7	ug/L	—	—	—	—	—	—	—	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	—	—	—	—	—	—	—
Naphthalene	91-20-3	ug/L	—	—	—	—	—	—	—	—
Phenanthrene	85-01-8	ug/L	—	—	—	—	—	—	—	—
Pyrene	129-00-0	ug/L	—	—	—	—	—	—	—	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	—	—	—	—	—	—	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	—	—	—	—	—	—	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	—	—	—	—	—	—	—
Total PAHs Calculated	CALC-PAH	ug/L	—	—	—	—	—	—	—	—
SVOCs, Total										
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 UJ	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1-Methylnaphthalene	90-12-0	ug/L	0.043 J	0.073	0.081	0.020 J	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U
2-Chloronaphthalene	91-58-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 UJ	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
2-Methylnaphthalene	91-57-6	ug/L	< 0.051 U	< 0.067 U	< 0.067 U	< 0.050 UJ	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U
2-Methylphenol	95-48-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
3,4-Methylphenol	108394/106445	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 UJ	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 UJ	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
4-Chloroaniline	106-47-8	ug/L	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U
Acenaphthene	83-32-9	ug/L	0.11	0.19	0.20	0.061 J	0.074	0.074	0.044 J	0.052
Acenaphthylene	208-96-8	ug/L	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 UJ	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U
Anthracene	120-12-7	ug/L	< 0.040 U	0.013 J	0.012 J	< 0.040 UJ	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD137 CH-SWSD137-SW01 6/7/2017 N	CH-SWSD138 CH-SWSD138-SW01 6/7/2017 N	CH-SWSD139 CH-SWSD139-SW01 6/7/2017 N	CH-SWSD140 CH-SWSD140-SW01 6/7/2017 N	CH-SWSD141 CH-SWSD141-SW01 6/9/2017 N	CH-SWSD142 CH-SWSD142-SW01 6/9/2017 N	CH-SWSD143 CH-SWSD143-SW01 6/9/2017 N	CH-SWSD144 CH-SWSD144-SW01 6/9/2017 N	CH-SWSD145 CH-SWSD145-SW01 6/9/2017 N
Chemical	CAS	Units									
SVOCs, Total Continued											
Benzaldehyde	100-52-7	ug/L	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 UJ	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U
Benzo(a)anthracene	56-55-3	ug/L	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 UJ	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U
Benzo(a)pyrene	50-32-8	ug/L	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 UJ	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U
Benzo(b)fluoranthene	205-99-2	ug/L	0.015 J	0.017 J	0.015 J	< 0.040 UJ	< 0.040 U	< 0.040 U	0.012 J	< 0.041 U	0.012 J
Benzo(g,h,i)perylene	191-24-2	ug/L	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 UJ	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 UJ	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U
Benzoic acid	65-85-0	ug/L	< 15 U	< 15 U	< 15 U	< 15 UJ	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 UJ	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 UJ	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U
Caprolactam	105-60-2	ug/L	< 15 U	< 15 U	< 15 U	< 15 UJ	< 15 U	< 15 U	< 15 U	< 15 U	< 15 U
CARBAZOLE	86-74-8	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 UJ	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Chrysene	218-01-9	ug/L	0.019 J	0.018 J	0.018 J	< 0.040 UJ	< 0.040 U	< 0.040 U	0.011 J	< 0.041 U	0.011 J
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 UJ	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U
Dibenzofuran	132-64-9	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 UJ	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 UJ	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U
Dimethyl phthalate	131-11-3	ug/L	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 UJ	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 UJ	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U
Di-n-octyl phthalate	117-84-0	ug/L	< 4.0 U	< 4.1 U	< 4.0 U	< 4.0 UJ	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.0 U
Fluoranthene	206-44-0	ug/L	0.040 J	0.047 J	0.050 J	0.019 J	0.018 J	0.019 J	0.022 J	0.018 J	0.020 J
Fluorene	86-73-7	ug/L	0.042 J	0.076	0.091	0.028 J	0.024 J	0.029 J	0.013 J	0.020 J	< 0.040 UJ
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	< 0.040 U	< 0.041 U	< 0.040 U	< 0.040 UJ	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.040 U
Naphthalene	91-20-3	ug/L	0.052 J	0.079	0.077	0.033 J	0.039 J	0.046 J	< 0.060 U	< 0.061 U	< 0.060 U
Phenanthrene	85-01-8	ug/L	0.063	0.093	0.11	0.031 J	< 0.061 U	< 0.061 U	< 0.060 U	< 0.061 U	< 0.060 U
Pyrene	129-00-0	ug/L	0.023 J	0.033 J	0.030 J	0.012 J	< 0.040 U	0.011 J	0.013 J	< 0.041 U	0.011 J
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	0.0036	0.0041	0.0036	< 0.092	< 0.092	< 0.092	0.0029	< 0.095	0.0029
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	0.17	0.20	0.19	0.33	< 0.36	0.33	0.11	< 0.37	0.10
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	0.47	0.61	0.66	0.27	0.29	0.29	0.19	0.21	0.24
Total PAHs Calculated	CALC-PAH	ug/L	0.58	0.80	0.84	0.47	0.53	0.44	0.29	0.38	0.31

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-SWSD145	CH-SWSD146	CH-SWSD147	CH-SWSD148	CH-SWSD149	CH-SWSD150	CH-SWSD150	CH-SWSD151	CH-SWSD151
	Sample ID	CH-SWSD145-SW01D	CH-SWSD146-SW01	CH-SWSD147-SW01	CH-SWSD148-SW01	CH-SWSD149-SW01	CH-SWSD150-SW01	CH-SWSD150-SW01-F	CH-SWSD151-SW01	CH-SWSD151-SW01-F
	Sample Date	6/9/2017	6/10/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017
	Sample Type Code	FD	N	N	N	N	N	N	N	N
	Parent Sample ID	CH-SWSD145-SW01								
Chemical	CAS	Units								
Field										
Dissolved Oxygen	DO	mg/L	—	7.96	7.95	7.80	7.66	3.97	—	2.96
Oxidation Reduction Potential	ORP	mV	—	107.7	111.1	111.8	125.7	74.9	—	187.1
pH	PH	PH	—	6.40	6.33	6.31	6.28	6.46	—	5.18
Specific Conductance	SC	ms/cm	—	0.173	0.174	0.174	0.176	0.197	—	0.138
Temperature	TEMP	deg C	—	16.46	16.57	17.37	19.55	19.58	—	21.86
Turbidity	TURB	NTU	—	0.7	0.7	0.7	2.4	1.2	—	17.2
General Chemistry, Dissolved										
Total hardness	HARDNESS	ug/L	—	—	—	—	—	33400	—	36200
General Chemistry, Total										
Total hardness	HARDNESS	ug/L	23700	22900	23000	23500	22900	34800	—	45300
Metals, Dissolved										
Aluminum	7429-90-5	ug/L	—	—	—	—	—	—	126 J	—
Antimony	7440-36-0	ug/L	—	—	—	—	—	—	< 1.0 U	—
Arsenic	7440-38-2	ug/L	—	—	—	—	—	—	0.75 J	—
Barium	7440-39-3	ug/L	—	—	—	—	—	—	25.3	—
Beryllium	7440-41-7	ug/L	—	—	—	—	—	—	< 0.25 U	—
Cadmium	7440-43-9	ug/L	—	—	—	—	—	—	< 0.50 U	—
Calcium (Ca)	7440-70-2	ug/L	—	—	—	—	—	—	8250	—
Chromium	7440-47-3	ug/L	—	—	—	—	—	—	< 4.0 U	—
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	< 4.0 U	—
Chromium(VI) (b)	18540-29-9	ug/L	—	—	—	—	—	—	—	—
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	0.14 J	—
Cobalt	7440-48-4	ug/L	—	—	—	—	—	—	0.91 J	—
Copper	7440-50-8	ug/L	—	—	—	—	—	—	0.63 J	—
Iron (Fe)	7439-89-6	ug/L	—	—	—	—	—	—	1360	—
Lead	7439-92-1	ug/L	—	—	—	—	—	—	0.86 J	—
Magnesium (Mg)	7439-95-4	ug/L	—	—	—	—	—	—	3110	—
Manganese (Mn)	7439-96-5	ug/L	—	—	—	—	—	—	159	—
Mercury	7439-97-6	ug/L	—	—	—	—	—	—	< 0.10 U	—
Nickel	7440-02-0	ug/L	—	—	—	—	—	—	0.98 J	—
Potassium (K)	7440-09-7	ug/L	—	—	—	—	—	—	1570	—
Selenium	7782-49-2	ug/L	—	—	—	—	—	—	< 1.0 U	—
Silver	7440-22-4	ug/L	—	—	—	—	—	—	< 0.25 U	—
Sodium (Na)	7440-23-5	ug/L	—	—	—	—	—	—	19800	—
Thallium	7440-28-0	ug/L	—	—	—	—	—	—	< 0.25 U	—
Vanadium	7440-62-2	ug/L	—	—	—	—	—	—	0.66 J	—
Zinc	7440-66-6	ug/L	—	—	—	—	—	—	< 7.5 U	—
Metals, Total										
Aluminum	7429-90-5	ug/L	281	277	280	271	277	753	—	3840
Antimony	7440-36-0	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U
Arsenic	7440-38-2	ug/L	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	1.1 J	—	3.4 J
Barium	7440-39-3	ug/L	19.3	19.3	18.9	19.6	20.1	36.6	—	98.1
Beryllium	7440-41-7	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	—	0.39 J

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-SWSD145	CH-SWSD146	CH-SWSD147	CH-SWSD148	CH-SWSD149	CH-SWSD150	CH-SWSD150	CH-SWSD151	CH-SWSD151
	Sample ID	CH-SWSD145-SW01D	CH-SWSD146-SW01	CH-SWSD147-SW01	CH-SWSD148-SW01	CH-SWSD149-SW01	CH-SWSD150-SW01	CH-SWSD150-SW01-F	CH-SWSD151-SW01	CH-SWSD151-SW01-F
	Sample Date	6/9/2017	6/10/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017
	Sample Type Code	FD	N	N	N	N	N	N	N	N
	Parent Sample ID	CH-SWSD145-SW01								
Chemical	CAS	Units								
Metals, Total Continued										
Cadmium	7440-43-9	ug/L	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	—	0.30 J
Calcium (Ca)	7440-70-2	ug/L	4090	3960	4110	4160	3860	8400	—	8060
Chromium	7440-47-3	ug/L	0.74 J	0.79 J	0.79 J	0.87 J	0.86 J	1.7 J	—	7.1
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	1.6 J	—	—
Chromium(VI) (b)	18540-29-9	ug/L	0.2 J	0.2 J	0.2 J	0.3 J	0.3 J	—	—	2
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	0.12 J	—	—
Cobalt	7440-48-4	ug/L	0.27 J	0.32 J	0.29 J	0.33 J	0.42 J	1.2	—	5.2
Copper	7440-50-8	ug/L	0.77 J	0.69 J	0.80 J	0.81 J	1.0 J	2.9 J	—	9.6
Iron (Fe)	7439-89-6	ug/L	488	434	517	539	804	2490	—	21200
Lead	7439-92-1	ug/L	0.22 J	0.27 J	0.25 J	0.25 J	0.26 J	12.3	—	9.5
Magnesium (Mg)	7439-95-4	ug/L	3270	3160	3100	3170	3220	3340	—	6120
Manganese (Mn)	7439-96-5	ug/L	24.4	25.3	26.7	26.0	33.6	210	—	398
Mercury	7439-97-6	ug/L	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	0.053 J	—	0.11 J
Nickel	7440-02-0	ug/L	< 2.0 UJ	< 2.0 U	0.89 J	0.91 J	< 2.0 U	1.6 J	—	9.1
Potassium (K)	7440-09-7	ug/L	1100	1200	1130	1100	1140	1610	—	2720
Selenium	7782-49-2	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	0.90 J
Silver	7440-22-4	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	—	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	20300	21400	20400	20700	20800	20800	—	40300
Thallium	7440-28-0	ug/L	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	—	< 0.25 U
Vanadium	7440-62-2	ug/L	0.96 J	0.93 J	0.82 J	0.85 J	0.87 J	2.1	—	9.1
Zinc	7440-66-6	ug/L	8.4 J	8.0 J	< 7.5 U	5.2 J	3.7 J	9.2 J	—	73.6
PCBs										
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—	—
SVOCs, Dissolved										
1,4-Dichlorobenzene	106-46-7	ug/L	—	—	—	—	—	—	< 1.0 U	—
1-Methylnaphthalene	90-12-0	ug/L	—	—	—	—	—	—	< 0.040 U	—
2-Chloronaphthalene	91-58-7	ug/L	—	—	—	—	—	—	< 1.0 U	—
2-Methylnaphthalene	91-57-6	ug/L	—	—	—	—	—	—	< 0.040 U	—
2-Methylphenol	95-48-7	ug/L	—	—	—	—	—	—	< 1.0 U	—
3,4-Methylphenol	108394/106445	ug/L	—	—	—	—	—	—	0.74 J	—
4-Chloro-3-methylphenol	59-50-7	ug/L	—	—	—	—	—	—	< 1.0 U	—
4-Chloroaniline	106-47-8	ug/L	—	—	—	—	—	—	< 4.0 U	—
Acenaphthene	83-32-9	ug/L	—	—	—	—	—	—	< 0.040 U	—
Acenaphthylene	208-96-8	ug/L	—	—	—	—	—	—	< 0.040 U	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD145	CH-SWSD146	CH-SWSD147	CH-SWSD148	CH-SWSD149	CH-SWSD150	CH-SWSD150	CH-SWSD151	CH-SWSD151
		Sample ID	CH-SWSD145-SW01D	CH-SWSD146-SW01	CH-SWSD147-SW01	CH-SWSD148-SW01	CH-SWSD149-SW01	CH-SWSD150-SW01	CH-SWSD150-SW01-F	CH-SWSD151-SW01	CH-SWSD151-SW01-F
		Sample Date	6/9/2017	6/10/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017
		Sample Type Code	FD	N	N	N	N	N	N	N	N
		Parent Sample ID	CH-SWSD145-SW01								
Chemical	CAS	Units									
SVOCs, Dissolved Continued											
Anthracene	120-12-7	ug/L	—	—	—	—	—	—	< 0.040 U	—	< 0.040 U
Benzaldehyde	100-52-7	ug/L	—	—	—	—	—	—	< 4.0 U	—	< 4.0 U
Benzo(a)anthracene	56-55-3	ug/L	—	—	—	—	—	—	< 0.040 U	—	0.012 J
Benzo(a)pyrene	50-32-8	ug/L	—	—	—	—	—	—	< 0.040 U	—	< 0.040 U
Benzo(b)fluoranthene	205-99-2	ug/L	—	—	—	—	—	—	< 0.040 U	—	0.022 J
Benzo(g,h,i)perylene	191-24-2	ug/L	—	—	—	—	—	—	< 0.040 U	—	< 0.040 U
Benzo(k)fluoranthene	207-08-9	ug/L	—	—	—	—	—	—	< 0.040 U	—	< 0.040 U
Benzoic acid	65-85-0	ug/L	—	—	—	—	—	—	9.4 J	—	< 15 U
Biphenyl, 1,1'-	92-52-4	ug/L	—	—	—	—	—	—	< 1.0 U	—	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	—	—	—	—	—	< 4.0 U	—	< 4.0 U
Butyl benzyl phthalate	85-68-7	ug/L	—	—	—	—	—	—	< 4.0 U	—	< 4.0 U
Caprolactam	105-60-2	ug/L	—	—	—	—	—	—	< 15 U	—	< 15 U
CARBAZOLE	86-74-8	ug/L	—	—	—	—	—	—	< 1.0 U	—	< 1.0 U
Chrysene	218-01-9	ug/L	—	—	—	—	—	—	< 0.040 U	—	0.016 J
Dibenz(a,h)anthracene	53-70-3	ug/L	—	—	—	—	—	—	< 0.040 U	—	< 0.040 U
Dibenzofuran	132-64-9	ug/L	—	—	—	—	—	—	< 1.0 U	—	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	—	—	—	—	—	—	< 4.0 U	—	2.3 J
Dimethyl phthalate	131-11-3	ug/L	—	—	—	—	—	—	< 4.0 U	—	< 4.0 U
Di-n-butyl phthalate	84-74-2	ug/L	—	—	—	—	—	—	< 4.0 U	—	2.4 J
Di-n-octyl phthalate	117-84-0	ug/L	—	—	—	—	—	—	< 4.0 U	—	< 4.0 U
Fluoranthene	206-44-0	ug/L	—	—	—	—	—	—	< 0.040 U	—	0.015 J
Fluorene	86-73-7	ug/L	—	—	—	—	—	—	< 0.040 U	—	< 0.040 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	—	—	—	—	—	< 0.040 U	—	< 0.040 U
Naphthalene	91-20-3	ug/L	—	—	—	—	—	—	< 0.061 U	—	< 0.060 U
Phenanthrene	85-01-8	ug/L	—	—	—	—	—	—	< 0.061 U	—	< 0.060 U
Pyrene	129-00-0	ug/L	—	—	—	—	—	—	< 0.040 U	—	0.014 J
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	—	—	—	—	—	< 0.092	—	0.0060
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	—	—	—	—	—	< 0.36	—	0.14
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	—	—	—	—	—	< 0.40	—	0.38
Total PAHs Calculated	CALC-PAH	ug/L	—	—	—	—	—	—	< 0.76	—	0.28
SVOCs, Total											
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U	—
1-Methylnaphthalene	90-12-0	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.041 U	—	< 0.040 U	—
2-Chloronaphthalene	91-58-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U	—
2-Methylnaphthalene	91-57-6	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.041 U	—	< 0.040 U	—
2-Methylphenol	95-48-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U	—
3,4-Methylphenol	108394/106445	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U	—
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U	—
4-Chloroaniline	106-47-8	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	—	< 4.0 U	—
Acenaphthene	83-32-9	ug/L	0.048 J	0.049 J	0.053	0.055	0.047 J	< 0.041 U	—	< 0.040 U	—
Acenaphthylene	208-96-8	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	< 0.041 U	—	< 0.040 U	—
Anthracene	120-12-7	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	0.017 J	—	0.012 J	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD145	CH-SWSD146	CH-SWSD147	CH-SWSD148	CH-SWSD149	CH-SWSD150	CH-SWSD150	CH-SWSD151	CH-SWSD151
		Sample ID	CH-SWSD145-SW01D	CH-SWSD146-SW01	CH-SWSD147-SW01	CH-SWSD148-SW01	CH-SWSD149-SW01	CH-SWSD150-SW01	CH-SWSD150-SW01-F	CH-SWSD151-SW01	CH-SWSD151-SW01-F
		Sample Date	6/9/2017	6/10/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017
		Sample Type Code	FD	N	N	N	N	N	N	N	N
		Parent Sample ID	CH-SWSD145-SW01								
Chemical	CAS	Units									
SVOCs, Total Continued											
Benzaldehyde	100-52-7	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	—	< 4.0 U	—
Benzo(a)anthracene	56-55-3	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	0.011 J	< 0.041 U	0.066	—	0.025 J	—
Benzo(a)pyrene	50-32-8	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	0.078	—	0.019 J	—
Benzo(b)fluoranthene	205-99-2	ug/L	0.012 J	0.012 J	0.016 J	0.036 J	0.012 J	0.11	—	0.049 J	—
Benzo(g,h,i)perylene	191-24-2	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	0.014 J	< 0.041 U	0.058	—	0.014 J	—
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	0.021 J	< 0.041 U	0.045 J	—	0.016 J	—
Benzoic acid	65-85-0	ug/L	< 15 U	< 15 U	< 15 U	< 16 U	< 16 U	< 15 U	—	< 15 U	—
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U	—
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	—	< 4.0 U	—
Butyl benzyl phthalate	85-68-7	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	—	< 4.0 U	—
Caprolactam	105-60-2	ug/L	< 15 U	< 15 U	< 15 U	< 16 U	< 16 U	< 15 U	—	< 15 U	—
CARBAZOLE	86-74-8	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U	—
Chrysene	218-01-9	ug/L	0.011 J	0.010 J	0.015 J	0.018 J	0.012 J	0.078	—	0.034 J	—
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	< 0.041 U	< 0.041 U	0.015 J	—	< 0.040 U	—
Dibenzofuran	132-64-9	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	—	< 1.0 U	—
Diethyl phthalate	84-66-2	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	—	< 4.0 U	—
Dimethyl phthalate	131-11-3	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	—	< 4.0 U	—
Di-n-butyl phthalate	84-74-2	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	—	< 4.0 U	—
Di-n-octyl phthalate	117-84-0	ug/L	< 4.0 U	< 4.0 U	< 4.0 U	< 4.1 U	< 4.1 U	< 4.1 U	—	< 4.0 U	—
Fluoranthene	206-44-0	ug/L	0.023 J	0.021 J	0.031 J	0.036 J	0.027 J	0.12	—	0.032 J	—
Fluorene	86-73-7	ug/L	0.015 J	0.017 J	0.020 J	0.022 J	0.018 J	< 0.041 U	—	< 0.040 U	—
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	< 0.040 U	< 0.040 U	< 0.040 U	0.016 J	< 0.041 U	0.051	—	0.015 J	—
Naphthalene	91-20-3	ug/L	< 0.060 U	< 0.060 U	< 0.060 U	< 0.062 U	< 0.062 U	< 0.061 U	—	< 0.060 U	—
Phenanthrene	85-01-8	ug/L	< 0.060 U	< 0.060 U	< 0.060 U	< 0.062 U	< 0.062 U	0.044 J	—	< 0.060 U	—
Pyrene	129-00-0	ug/L	0.014 J	0.012 J	0.020 J	0.023 J	0.015 J	0.11	—	0.031 J	—
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	0.0029	0.0028	0.0038	0.0092	0.0029	0.12	—	0.033	—
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	0.11	0.10	0.15	0.18	0.12	0.61	—	0.23	—
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	0.21	0.21	0.26	0.29	0.23	0.29	—	0.20	—
Total PAHs Calculated	CALC-PAH	ug/L	0.31	0.30	0.40	0.43	0.34	0.90	—	0.43	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD152	CH-SWSD152	CH-SWSD153	CH-SWSD153	CH-SWSD154	CH-SWSD154	CH-SWSD155	CH-SWSD155
		Sample ID	CH-SWSD152-SW01	CH-SWSD152-SW01-F	CH-SWSD153-SW01	CH-SWSD153-SW01-F	CH-SWSD154-SW01	CH-SWSD154-SW01-F	CH-SWSD155-SW01	CH-SWSD155-SW01-F
		Sample Date	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017
		Sample Type Code	N	N	N	N	N	N	N	N
		Parent Sample ID								
Chemical	CAS	Units								
Field										
Dissolved Oxygen	DO	mg/L	3.89	—	3.17	—	3.81	—	2.39	—
Oxidation Reduction Potential	ORP	mV	215.5	—	54.5	—	136.1	—	27.3	—
pH	PH	PH	5.53	—	6.15	—	6.15	—	6.36	—
Specific Conductance	SC	ms/cm	0.266	—	0.204	—	0.189	—	0.207	—
Temperature	TEMP	deg C	22.96	—	24.48	—	20.76	—	16.62	—
Turbidity	TURB	NTU	2.0	—	62.8	—	4.8	—	88.8	—
General Chemistry, Dissolved										
Total hardness	HARDNESS	ug/L	—	33300	—	30500	—	29500	—	32800
General Chemistry, Total										
Total hardness	HARDNESS	ug/L	36300	—	34200	—	31100	—	40000	—
Metals, Dissolved										
Aluminum	7429-90-5	ug/L	—	795	—	175 J	—	230	—	392
Antimony	7440-36-0	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U
Arsenic	7440-38-2	ug/L	—	1.7 J	—	2.1 J	—	1.2 J	—	2.0 J
Barium	7440-39-3	ug/L	—	39.9	—	35.6 J+	—	32.0	—	30.1
Beryllium	7440-41-7	ug/L	—	0.14 J	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U
Cadmium	7440-43-9	ug/L	—	< 0.50 U	—	< 0.50 U	—	< 0.50 U	—	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	—	5460	—	6970	—	6560	—	7420
Chromium	7440-47-3	ug/L	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U	—	< 4.0 U
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	—	< 1 U	—	< 1 U	—	< 1 U	—	< 1 U
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	—	2.8	—	3.9	—	2.3	—	2.9
Copper	7440-50-8	ug/L	—	2.7 J	—	1.1 J	—	1.2 J	—	1.6 J
Iron (Fe)	7439-89-6	ug/L	—	5700	—	7090 J+	—	3940	—	7760
Lead	7439-92-1	ug/L	—	2.0 J	—	3.3 J+	—	1.1 J	—	3.7
Magnesium (Mg)	7439-95-4	ug/L	—	4770	—	3190 J-	—	3180	—	3480
Manganese (Mn)	7439-96-5	ug/L	—	322	—	428 J-	—	264	—	304
Mercury	7439-97-6	ug/L	—	< 0.10 U	—	< 0.10 U	—	< 0.10 U	—	< 0.10 U
Nickel	7440-02-0	ug/L	—	3.4 J	—	2.0 J	—	1.1 J	—	1.8 J
Potassium (K)	7440-09-7	ug/L	—	1280	—	2030	—	1830	—	1990
Selenium	7782-49-2	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U
Silver	7440-22-4	ug/L	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	—	34300	—	20900 J-	—	19700	—	20700
Thallium	7440-28-0	ug/L	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U
Vanadium	7440-62-2	ug/L	—	1.1	—	1.3	—	0.91 J	—	2.0
Zinc	7440-66-6	ug/L	—	21.4 J	—	5.1 J	—	4.1 J	—	8.0 J
Metals, Total										
Aluminum	7429-90-5	ug/L	828	—	1320	—	250	—	2790	—
Antimony	7440-36-0	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—
Arsenic	7440-38-2	ug/L	1.6 J	—	2.8 J	—	1.4 J	—	2.6 J	—
Barium	7440-39-3	ug/L	39.4	—	52.6	—	29.9	—	58.3	—
Beryllium	7440-41-7	ug/L	0.13 J	—	0.15 J	—	< 0.25 U	—	0.19 J	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD152	CH-SWSD152	CH-SWSD153	CH-SWSD153	CH-SWSD154	CH-SWSD154	CH-SWSD155	CH-SWSD155
Sample ID		CH-SWSD152-SW01	CH-SWSD152-SW01-F	CH-SWSD153-SW01	CH-SWSD153-SW01-F	CH-SWSD154-SW01	CH-SWSD154-SW01-F	CH-SWSD155-SW01	CH-SWSD155-SW01-F
Sample Date		6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017
Sample Type Code		N	N	N	N	N	N	N	N
Parent Sample ID									
Chemical	CAS	Units							
Metals, Total Continued									
Cadmium	7440-43-9	ug/L	< 0.50 U	—	< 0.50 U	—	< 0.50 U	—	< 0.50 U
Calcium (Ca)	7440-70-2	ug/L	6230	—	7860 J+	—	7080	—	9300
Chromium	7440-47-3	ug/L	2.3 J	—	2.7 J	—	1.3 J	—	4.9
Chromium(III), Insoluble Salts (a)	16065-83-1	ug/L	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	ug/L	0.7 J	—	0.8 J	—	0.4 J	—	1
Chromium(VI)	18540-29-9	ug/L	—	—	—	—	—	—	—
Cobalt	7440-48-4	ug/L	2.9	—	5.2	—	2.1	—	4.1
Copper	7440-50-8	ug/L	2.4 J	—	4.6	—	1.1 J	—	9.1
Iron (Fe)	7439-89-6	ug/L	7490	—	15300 J+	—	5210	—	12400
Lead	7439-92-1	ug/L	2.7	—	11.4	—	1.9 J	—	31.7
Magnesium (Mg)	7439-95-4	ug/L	5040	—	3540	—	3260	—	4080
Manganese (Mn)	7439-96-5	ug/L	351	—	508 J+	—	252	—	349
Mercury	7439-97-6	ug/L	< 0.10 U	—	< 0.10 UJ	—	< 0.10 U	—	0.10 J
Nickel	7440-02-0	ug/L	2.8 J	—	3.1 J	—	1.2 J	—	4.1
Potassium (K)	7440-09-7	ug/L	1320	—	2130	—	1750	—	2380
Selenium	7782-49-2	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U
Silver	7440-22-4	ug/L	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U
Sodium (Na)	7440-23-5	ug/L	35400	—	21400	—	20700	—	20700
Thallium	7440-28-0	ug/L	< 0.25 U	—	< 0.25 U	—	< 0.25 U	—	< 0.25 U
Vanadium	7440-62-2	ug/L	1.3	—	5.3	—	1.4	—	7.4
Zinc	7440-66-6	ug/L	16.5 J	—	17.7 J	—	< 7.5 U	—	43.3
PCBs									
Aroclor 1016	12674-11-2	ug/L	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	ug/L	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	ug/L	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	ug/L	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	ug/L	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	ug/L	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	ug/L	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	ug/L	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	ug/L	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	ug/L	—	—	—	—	—	—	—
SVOCs, Dissolved									
1,4-Dichlorobenzene	106-46-7	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—
1-Methylnaphthalene	90-12-0	ug/L	—	< 0.040 U	—	< 0.040 U	—	< 0.041 U	—
2-Chloronaphthalene	91-58-7	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—
2-Methylnaphthalene	91-57-6	ug/L	—	< 0.040 U	—	< 0.040 U	—	< 0.041 U	—
2-Methylphenol	95-48-7	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—
3,4-Methylphenol	108394/106445	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	0.96 J
4-Chloro-3-methylphenol	59-50-7	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—
4-Chloroaniline	106-47-8	ug/L	—	< 4.0 U	—	< 4.0 U	—	< 4.1 U	—
Acenaphthene	83-32-9	ug/L	—	< 0.040 U	—	< 0.040 U	—	< 0.041 U	—
Acenaphthylene	208-96-8	ug/L	—	0.040 J	—	< 0.040 U	—	< 0.041 U	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD152	CH-SWSD152	CH-SWSD153	CH-SWSD153	CH-SWSD154	CH-SWSD154	CH-SWSD155	CH-SWSD155
		Sample ID	CH-SWSD152-SW01	CH-SWSD152-SW01-F	CH-SWSD153-SW01	CH-SWSD153-SW01-F	CH-SWSD154-SW01	CH-SWSD154-SW01-F	CH-SWSD155-SW01	CH-SWSD155-SW01-F
		Sample Date	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017
		Sample Type Code	N	N	N	N	N	N	N	N
		Parent Sample ID								
Chemical	CAS	Units								
SVOCs, Dissolved Continued										
Anthracene	120-12-7	ug/L	—	0.014 J	—	0.018 J	—	< 0.041 U	—	0.015 J
Benzaldehyde	100-52-7	ug/L	—	< 4.0 U	—	< 4.0 U	—	< 4.1 U	—	< 4.0 U
Benzo(a)anthracene	56-55-3	ug/L	—	0.014 J	—	0.048 J	—	< 0.041 U	—	0.061
Benzo(a)pyrene	50-32-8	ug/L	—	0.018 J	—	0.052	—	< 0.041 U	—	0.062
Benzo(b)fluoranthene	205-99-2	ug/L	—	0.019 J	—	0.11	—	< 0.041 U	—	0.11
Benzo(g,h,i)perylene	191-24-2	ug/L	—	0.032 J	—	0.040 J	—	< 0.041 U	—	0.045 J
Benzo(k)fluoranthene	207-08-9	ug/L	—	< 0.040 U	—	0.035 J	—	< 0.041 U	—	0.045 J
Benzoic acid	65-85-0	ug/L	—	< 15 U	—	< 15 U	—	< 15 U	—	< 15 U
Biphenyl, 1,1'-	92-52-4	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	—	< 4.0 U	—	< 4.0 U	—	< 4.1 U	—	< 4.0 U
Butyl benzyl phthalate	85-68-7	ug/L	—	< 4.0 U	—	< 4.0 U	—	< 4.1 U	—	< 4.0 U
Caprolactam	105-60-2	ug/L	—	< 15 U	—	< 15 U	—	< 15 U	—	< 15 U
CARBAZOLE	86-74-8	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U
Chrysene	218-01-9	ug/L	—	0.014 J	—	0.065	—	< 0.041 U	—	0.075
Dibenz(a,h)anthracene	53-70-3	ug/L	—	< 0.040 U	—	0.011 J	—	< 0.041 U	—	0.011 J
Dibenzofuran	132-64-9	ug/L	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	—	< 4.0 U	—	< 4.0 U	—	< 4.1 U	—	< 4.0 U
Dimethyl phthalate	131-11-3	ug/L	—	< 4.0 U	—	< 4.0 U	—	< 4.1 U	—	< 4.0 U
Di-n-butyl phthalate	84-74-2	ug/L	—	< 4.0 U	—	< 4.0 U	—	< 4.1 U	—	< 4.0 U
Di-n-octyl phthalate	117-84-0	ug/L	—	< 4.0 U	—	< 4.0 U	—	< 4.1 U	—	< 4.0 U
Fluoranthene	206-44-0	ug/L	—	< 0.040 U	—	0.076	—	< 0.041 U	—	0.096
Fluorene	86-73-7	ug/L	—	< 0.040 U	—	< 0.040 U	—	< 0.041 U	—	< 0.040 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	—	0.020 J	—	0.037 J	—	< 0.041 U	—	0.042 J
Naphthalene	91-20-3	ug/L	—	< 0.061 U	—	< 0.061 U	—	< 0.062 U	—	< 0.060 U
Phenanthrene	85-01-8	ug/L	—	< 0.061 U	—	< 0.061 U	—	< 0.062 U	—	0.036 J
Pyrene	129-00-0	ug/L	—	0.011 J	—	0.077	—	< 0.041 U	—	0.095
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	—	0.027	—	0.083	—	< 0.095	—	0.095
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	—	0.16	—	0.48	—	< 0.37	—	0.55
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	—	0.16	—	0.22	—	< 0.41	—	0.30
Total PAHs Calculated	CALC-PAH	ug/L	—	0.34	—	0.76	—	< 0.78	—	0.82
SVOCs, Total										
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—
1-Methylnaphthalene	90-12-0	ug/L	< 0.041 U	—	< 0.041 U	—	< 0.040 U	—	< 0.040 U	—
2-Chloronaphthalene	91-58-7	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—
2-Methylnaphthalene	91-57-6	ug/L	< 0.041 U	—	< 0.041 U	—	< 0.040 U	—	< 0.040 U	—
2-Methylphenol	95-48-7	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—
3,4-Methylphenol	108394/106445	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—
4-Chloro-3-methylphenol	59-50-7	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—
4-Chloroaniline	106-47-8	ug/L	< 4.1 U	—	< 4.1 UJ	—	< 4.0 U	—	< 4.0 U	—
Acenaphthene	83-32-9	ug/L	< 0.041 U	—	< 0.041 U	—	< 0.040 U	—	0.039 J	—
Acenaphthylene	208-96-8	ug/L	< 0.041 U	—	0.032 J	—	< 0.040 U	—	0.034 J	—
Anthracene	120-12-7	ug/L	< 0.041 U	—	0.042 J	—	< 0.040 U	—	0.048 J	—

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD152	CH-SWSD152	CH-SWSD153	CH-SWSD153	CH-SWSD154	CH-SWSD154	CH-SWSD155	CH-SWSD155
Sample ID		CH-SWSD152-SW01	CH-SWSD152-SW01-F	CH-SWSD153-SW01	CH-SWSD153-SW01-F	CH-SWSD154-SW01	CH-SWSD154-SW01-F	CH-SWSD155-SW01	CH-SWSD155-SW01-F
Sample Date		6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017
Sample Type Code		N	N	N	N	N	N	N	N
Parent Sample ID									
Chemical	CAS	Units							
SVOCs, Total Continued									
Benzaldehyde	100-52-7	ug/L	< 4.1 U	—	< 4.1 U	—	< 4.0 U	—	< 4.0 U
Benzo(a)anthracene	56-55-3	ug/L	< 0.041 U	—	0.16	—	< 0.040 U	—	0.23
Benzo(a)pyrene	50-32-8	ug/L	< 0.041 U	—	0.17	—	< 0.040 U	—	0.25
Benzo(b)fluoranthene	205-99-2	ug/L	< 0.041 U	—	0.31	—	< 0.040 U	—	0.40
Benzo(g,h,i)perylene	191-24-2	ug/L	< 0.041 U	—	0.12	—	< 0.040 U	—	0.16
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.041 U	—	0.13	—	< 0.040 U	—	0.16
Benzoic acid	65-85-0	ug/L	< 15 U	—	< 15 U	—	< 15 U	—	< 15 U
Biphenyl, 1,1'-	92-52-4	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	< 4.1 U	—	< 4.1 U	—	< 4.0 U	—	< 4.0 U
Butyl benzyl phthalate	85-68-7	ug/L	< 4.1 U	—	< 4.1 U	—	< 4.0 U	—	< 4.0 U
Caprolactam	105-60-2	ug/L	< 15 U	—	< 15 U	—	< 15 U	—	< 15 U
CARBAZOLE	86-74-8	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U
Chrysene	218-01-9	ug/L	< 0.041 U	—	0.21	—	< 0.040 U	—	0.30
Dibenz(a,h)anthracene	53-70-3	ug/L	< 0.041 U	—	0.031 J	—	< 0.040 U	—	0.045 J
Dibenzofuran	132-64-9	ug/L	< 1.0 U	—	< 1.0 U	—	< 1.0 U	—	< 1.0 U
Diethyl phthalate	84-66-2	ug/L	< 4.1 U	—	< 4.1 UJ	—	< 4.0 U	—	< 4.0 U
Dimethyl phthalate	131-11-3	ug/L	< 4.1 U	—	< 4.1 UJ	—	< 4.0 U	—	< 4.0 U
Di-n-butyl phthalate	84-74-2	ug/L	< 4.1 U	—	< 4.1 U	—	< 4.0 U	—	< 4.0 U
Di-n-octyl phthalate	117-84-0	ug/L	< 4.1 U	—	< 4.1 U	—	< 4.0 U	—	< 4.0 U
Fluoranthene	206-44-0	ug/L	< 0.041 U	—	0.21	—	< 0.040 U	—	0.38
Fluorene	86-73-7	ug/L	< 0.041 U	—	< 0.041 U	—	< 0.040 U	—	0.021 J
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	< 0.041 U	—	0.12	—	< 0.040 U	—	0.16
Naphthalene	91-20-3	ug/L	< 0.061 U	—	< 0.061 U	—	< 0.061 U	—	< 0.061 U
Phenanthrene	85-01-8	ug/L	< 0.061 U	—	0.060 J	—	< 0.061 U	—	0.12
Pyrene	129-00-0	ug/L	< 0.041 U	—	0.23	—	< 0.040 U	—	0.37
Total BaP PAHs Calculated	CALC-BaP TEQ	ug/L	< 0.095	—	0.26	—	< 0.092	—	0.38
Total HMW PAHs Calculated	CALC-HMW PAHs	ug/L	< 0.37	—	1.5	—	< 0.36	—	2.1
Total LMW PAHs Calculated	CALC-LMW PAHs	ug/L	< 0.41	—	0.51	—	< 0.40	—	0.74
Total PAHs Calculated	CALC-PAH	ug/L	< 0.78	—	2.0	—	< 0.76	—	2.8

Appendix B2 Table 12
Analytical Data Summary Tables - Phase III Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Notes:

< - Result not detected above the limit of detection.

BaP = benzo(a)pyrene

CAS - Chemical Abstracts Service.

D - dissolved fraction.

DO - dissolved oxygen.

FD - Field duplicate.

in - inches

J - The analyte was positively identified; the associated numerical value is an estimated quantity with an unknown bias

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

HMW - High molecular weight.

LMW - Low molecular weight.

mg/l - milligram per liter.

ml/min - milliliter per minute.

mV - millivolt.

ms/cm - milliSiemens per centimeter

N - Normal sample.

NTU - Nephelometric Turbidity Unit.

ORP - Oxidation Reduction Potential.

PAH - Polycyclic Aromatic Hydrocarbon.

PCB - Polychlorinated Biphenyl.

SC - Specific Conductance.

SVOC - Semivolatile organic compound.

T - total fraction.

TEQ - Toxic Equivalency.

TOC - Total Organic Carbon.

ug/l - microgram per liter.

U - The analyte was not detected above the limit of detection.

UJ - The analyte was not detected above the reported limit of detection. However, the reported limit of detection is approximate and may or may not represent the actual limit of detection necessary to accurately and precisely measure the analyte in the sample.

VOC - Volatile organic compound.

(a) Chromium III concentrations were calculated by the laboratory by subtracting chromium IV from total chromium, and were reported to two significant figures.

(b) Chromium VI concentrations in these samples were calculated from total chromium concentrations using ratio presented in Appendix C

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD001	CH-SWSD002	CH-SWSD002	CH-SWSD003	CH-SWSD004	CH-SWSD005	CH-SWSD006	CH-SWSD007
Sample ID		XCH-SWSD001-SW01-LF	XCH-SWSD002-SW01-F-LF	XCH-SWSD002-SW01-LF	XCH-SWSD003-SW01-LF	XCH-SWSD004-SW01-LF	XCH-SWSD005-SW01-LF	XCH-SWSD006-SW01-LF	XCH-SWSD007-SW01-LF
Sample Date		6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017
Sample Type Code		N	N	N	N	N	N	N	N
Parent Sample ID									
Chemical	CAS	Units							
General Chemistry									
Total hardness	HARDNESS	ug/L	20200 J	17500 J	17100 J	17200 J	38300 J	34300 J	34200 J
Metals									
Aluminum	7429-90-5	ug/L	267 J	526 J	571 J	495 J	< 50.0 UJ	< 50.0 UJ	21.6 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Barium	7440-39-3	ug/L	25.2 J	25.1 J	27.2 J	23.1 J	15.0 J	15.2 J	15.2 J
Beryllium	7440-41-7	ug/L	0.098 J	0.15 J	0.16 J	0.14 J	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	2940 J	2380 J	2400 J	2390 J	8170 J	6640 J	6640 J
Chromium	7440-47-3	ug/L	2.8 J	1.1 J	2.4 J	1.2 J	1.4 J	< 2.0 UJ	2.8 J
Chromium(VI) (a)	18540-29-9	ug/L	0.8 J	0.3 J	0.7 J	0.4 J	0.4 J	< 0.6 UJ	0.8 J
Cobalt	7440-48-4	ug/L	0.40 J	0.58 J	0.56 J	0.60 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Copper	7440-50-8	ug/L	2.4 J	4.1 J	2.9 J	2.6 J	1.6 J	R	R
Iron (Fe)	7439-89-6	ug/L	350 J	307 J	333 J	377 J	54.8 J	55.2 J	64.0 J
Lead	7439-92-1	ug/L	0.59 J	0.37 J	0.69 J	0.55 J	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Magnesium (Mg)	7439-95-4	ug/L	3120 J	2810 J	2700 J	2730 J	4360 J	4300 J	4260 J
Manganese (Mn)	7439-96-5	ug/L	34.4 J	32.7 J	29.7 J	35.1 J	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Nickel	7440-02-0	ug/L	< 2.0 UJ	1.1 J	1.0 J	1.2 J	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Potassium (K)	7440-09-7	ug/L	1180 J	1000 J	935 J	1100 J	1170 J	1170 J	1150 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	29300 J	26700 J	25400 J	26300 J	18000 J	18900 J	18800 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	0.44 J	1.1 J	1.3 J	0.79 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Zinc	7440-66-6	ug/L	11.4 J	12.9 J	12.6 J	12.5 J	< 7.5 UJ	< 7.5 UJ	< 7.5 UJ

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD008	CH-SWSD009	CH-SWSD010	CH-SWSD011	CH-SWSD012	CH-SWSD013	CH-SWSD014	CH-SWSD015	
Sample ID		XCH-SWSD008-SW01-LF	XCH-SWSD009-SW01-LF	XCH-SWSD010-SW01-LF	XCH-SWSD011-SW01-LF	XCH-SWSD012-SW01-LF	XCH-SWSD013-SW01-LF	XCH-SWSD014-SW01-LF	XCH-SWSD015-SW01-LF	
Sample Date		6/9/2017	6/9/2017	6/9/2017	6/10/2017	6/10/2017	6/10/2017	6/9/2017	6/9/2017	
Sample Type Code		N	N	N	N	N	N	N	N	
Parent Sample ID										
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	13000 J	23900 J	18400 J	20000 J	19900 J	19700 J	31900 J	31800 J
Metals										
Aluminum	7429-90-5	ug/L	149 J	149 J	149 J	691 J	750 J	709 J	190 J	197 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	0.92 J	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Barium	7440-39-3	ug/L	7.3 J	14.4 J	25.9 J	11.6 J	12.9 J	12.8 J	23.7 J	25.4 J
Beryllium	7440-41-7	ug/L	R	R	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	R
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	1470 J	3210 J	2950 J	3220 J	3270 J	3340 J	5890 J	5850 J
Chromium	7440-47-3	ug/L	1.1 J	2.1 J	2.2 J	2.3 J	2.1 J	2.3 J	1.1 J	1.3 J
Chromium(VI) (a)	18540-29-9	ug/L	0.3 J	0.6 J	0.7 J	0.7 J	0.6 J	0.7 J	0.3 J	0.4 J
Cobalt	7440-48-4	ug/L	0.21 J	< 0.50 UJ	1.6 J	0.85 J	0.82 J	0.81 J	< 0.50 UJ	< 0.50 UJ
Copper	7440-50-8	ug/L	2.1 J	1.6 J	2.3 J	3.5 J	3.6 J	2.9 J	2.5 J	2.0 J
Iron (Fe)	7439-89-6	ug/L	494 J	1180 J	966 J	1360 J	1380 J	1370 J	706 J	658 J
Lead	7439-92-1	ug/L	0.45 J	0.43 J	0.54 J	3.2 J	3.4 J	3.2 J	0.26 J	0.22 J
Magnesium (Mg)	7439-95-4	ug/L	2270 J	3860 J	2670 J	2910 J	2840 J	2770 J	4190 J	4170 J
Manganese (Mn)	7439-96-5	ug/L	64.2 J	28.3 J	62.5 J	54.0 J	53.2 J	53.8 J	2.0 J	1.9 J
Nickel	7440-02-0	ug/L	< 2.0 UJ	< 2.0 UJ	1.3 J	1.7 J	1.7 J	1.7 J	1.6 J	1.7 J
Potassium (K)	7440-09-7	ug/L	2420 J	1330 J	1360 J	1100 J	1040 J	1000 J	1200 J	1230 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	18200 J	22100 J	21800 J	16000 J	15800 J	15600 J	51800 J	52000 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	0.22 J	0.55 J	0.24 J	2.2 J	2.3 J	2.0 J	0.45 J	0.51 J
Zinc	7440-66-6	ug/L	< 7.5 UJ	< 7.5 UJ	7.6 J	41.9 J	42.1 J	43.4 J	6.5 J	6.9 J

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD016	CH-SWSD017	CH-SWSD018	CH-SWSD019	CH-SWSD020	CH-SWSD021	CH-SWSD022	CH-SWSD023
Sample ID		XCH-SWSD016-SW01-LF	XCH-SWSD017-SW01-LF	XCH-SWSD018-SW01-LF	XCH-SWSD019-SW01-LF	XCH-SWSD020-SW01-LF	XCH-SWSD021-SW01-LF	XCH-SWSD022-SW01-LF	XCH-SWSD023-SW01-LF
Sample Date		6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017
Sample Type Code		N	N	N	N	N	N	N	N
Parent Sample ID									
Chemical	CAS	Units							
General Chemistry									
Total hardness	HARDNESS	ug/L	19800 J	19700 J	19000 J	16700 J	16500 J	18800 J	24100 J
Metals									
Aluminum	7429-90-5	ug/L	445 J	454 J	447 J	457 J	440 J	519 J	689 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Barium	7440-39-3	ug/L	21.8 J	21.6 J	23.9 J	27.4 J	26.1 J	27.1 J	24.6 J
Beryllium	7440-41-7	ug/L	0.15 J	0.15 J	0.15 J	0.20 J	0.19 J	0.19 J	0.11 J
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	2710 J	2590 J	2490 J	1960 J	1970 J	2190 J	2780 J
Chromium	7440-47-3	ug/L	3.0 J	2.1 J	1.2 J	1.1 J	2.9 J	3.3 J	2.1 J
Chromium(VI) (a)	18540-29-9	ug/L	0.9 J	0.6 J	0.4 J	0.3 J	0.9 J	1 J	0.6 J
Cobalt	7440-48-4	ug/L	0.47 J	0.50 J	0.49 J	0.69 J	0.72 J	0.63 J	0.31 J
Copper	7440-50-8	ug/L	2.2 J	R	1.9 J	R	2.2 J	2.8 J	3.1 J
Iron (Fe)	7439-89-6	ug/L	248 J	245 J	253 J	148 J	132 J	208 J	268 J
Lead	7439-92-1	ug/L	0.52 J	0.50 J	0.45 J	0.40 J	0.39 J	0.51 J	0.64 J
Magnesium (Mg)	7439-95-4	ug/L	3160 J	3210 J	3100 J	2870 J	2810 J	3230 J	4160 J
Manganese (Mn)	7439-96-5	ug/L	27.8 J	28.9 J	27.8 J	26.4 J	25.2 J	24.0 J	16.1 J
Nickel	7440-02-0	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	1.2 J	1.3 J	R	< 2.0 UJ
Potassium (K)	7440-09-7	ug/L	1020 J	1020 J	950 J	968 J	927 J	827 J	532 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	28800 J	29100 J	27800 J	25200 J	24500 J	22400 J	17200 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	0.85 J	0.74 J	0.83 J	0.73 J	0.64 J	1.5 J	2.4 J
Zinc	7440-66-6	ug/L	8.8 J	9.1 J	8.7 J	9.4 J	8.0 J	10.8 J	12.4 J

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID			CH-SWSD024	CH-SWSD025	CH-SWSD026	CH-SWSD027	CH-SWSD028	CH-SWSD029	CH-SWSD030	CH-SWSD031
Sample ID			XCH-SWSD024-SW01-LF	XCH-SWSD025-SW01-LF	XCH-SWSD026-SW01-LF	XCH-SWSD027-SW01-LF	XCH-SWSD028-SW01-LF	XCH-SWSD029-SW01-LF	XCH-SWSD030-SW01-LF	XCH-SWSD031-SW01-F-LF
Sample Date			6/10/2017	6/10/2017	6/10/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/6/2017
Sample Type Code			N	N	N	N	N	N	N	N
Parent Sample ID										
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	17200 J	17700 J	16900 J	20900 J	21800 J	23100 J	23500 J	22400 J
Metals										
Aluminum	7429-90-5	ug/L	561 J	602 J	560 J	814 J	816 J	768 J	603 J	95.4 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	0.92 J	< 2.0 UJ	1.1 J	1.3 J	< 2.0 UJ
Barium	7440-39-3	ug/L	33.8 J	35.9 J	35.1 J	20.1 J	18.2 J	16.8 J	16.6 J	9.9 J
Beryllium	7440-41-7	ug/L	R	0.12 J	0.13 J	0.13 J	R	R	< 0.25 UJ	< 0.25 UJ
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	2750 J	2760 J	2630 J	3760 J	3870 J	4270 J	4390 J	5200 J
Chromium	7440-47-3	ug/L	1.5 J	1.4 J	3.0 J	3.9 J	2.4 J	3.6 J	3.4 J	R
Chromium(VI) (a)	18540-29-9	ug/L	0.5 J	0.4 J	0.9 J	1 J	0.7 J	1 J	1 J	R
Cobalt	7440-48-4	ug/L	0.72 J	1.2 J	1.1 J	0.85 J	0.78 J	0.75 J	0.44 J	0.39 J
Copper	7440-50-8	ug/L	2.8 J	3.0 J	3.2 J	3.1 J	3.4 J	3.3 J	3.1 J	2.5 J
Iron (Fe)	7439-89-6	ug/L	555 J	705 J	664 J	1120 J	1300 J	1390 J	1640 J	231 J
Lead	7439-92-1	ug/L	0.55 J	0.63 J	0.63 J	1.4 J	1.5 J	1.6 J	1.7 J	< 2.0 UJ
Magnesium (Mg)	7439-95-4	ug/L	2520 J	2620 J	2500 J	2800 J	2940 J	3010 J	3030 J	2280 J
Manganese (Mn)	7439-96-5	ug/L	54.6 J	90.0 J	71.6 J	62.5 J	71.6 J	75.3 J	75.7 J	46.7 J
Nickel	7440-02-0	ug/L	1.9 J	2.0 J	2.1 J	1.5 J	1.6 J	1.5 J	1.2 J	< 2.0 UJ
Potassium (K)	7440-09-7	ug/L	1780 J	1860 J	1780 J	1010 J	1030 J	1040 J	1140 J	652 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	23100 J	24000 J	23300 J	15500 J	15400 J	15200 J	15400 J	18100 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	0.75 J	0.93 J	0.85 J	2.2 J	2.5 J	2.3 J	1.6 J	0.45 J
Zinc	7440-66-6	ug/L	15.9 J	15.8 J	17.8 J	27.5 J	29.9 J	32.3 J	30.5 J	< 30.0 UJ

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD031	CH-SWSD032	CH-SWSD032	CH-SWSD033	CH-SWSD033	CH-SWSD033	CH-SWSD034	CH-SWSD035	CH-SWSD035
Sample ID		XCH-SWSD031-SW01-LF	XCH-SWSD032-SW01-F-LF	XCH-SWSD032-SW01-LF	XCH-SWSD033-SW01-F-LF	XCH-SWSD033-SW01-LF	XCH-SWSD033-SW01-LF	XCH-SWSD034-SW01-LF	XCH-SWSD035-SW01D-F-LF	XCH-SWSD035-SW01D-LF
Sample Date		6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017
Sample Type Code		N	N	N	N	N	N	N	FD	FD
Parent Sample ID									XCH-SWSD035-SW01-F-LF	XCH-SWSD035-SW01-LF
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	23100 J	22000 J	21800 J	24000 J	22600 J	24900 J	25100 J	25000 J
Metals										
Aluminum	7429-90-5	ug/L	140 J	142 J	154 J	213 J	193 J	210 J	215 J	207 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Barium	7440-39-3	ug/L	6.6 J	11.4 J	10.8 J	12.9 J	13.8 J	12.2 J	16.4 J	13.6 J
Beryllium	7440-41-7	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	5480 J	5010 J	5080 J	5580 J	5300 J	5990 J	5680 J	5840 J
Chromium	7440-47-3	ug/L	R	R	1.7 J	R	1.1 J	R	2.6 J	R
Chromium(VI) (a)	18540-29-9	ug/L	R	R	0.5 J	R	0.3 J	R	0.8 J	R
Cobalt	7440-48-4	ug/L	< 0.50 UJ	0.23 J	< 0.50 UJ	0.57 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Copper	7440-50-8	ug/L	2.3 J	2.8 J	2.3 J	1.8 J	2.2 J	2.6 J	2.7 J	2.8 J
Iron (Fe)	7439-89-6	ug/L	176 J	225 J	265 J	314 J	255 J	249 J	352 J	404 J
Lead	7439-92-1	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Magnesium (Mg)	7439-95-4	ug/L	2270 J	2310 J	2220 J	2450 J	2280 J	2420 J	2660 J	2520 J
Manganese (Mn)	7439-96-5	ug/L	1.0 J	44.8 J	4.8 J	69.1 J	2.0 J	1.1 J	1.2 J	< 2.0 UJ
Nickel	7440-02-0	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	1.0 J	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	1.1 J
Potassium (K)	7440-09-7	ug/L	622 J	804 J	761 J	1070 J	1070 J	1360 J	1690 J	1600 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	17800 J	17900 J	17200 J	17200 J	16700 J	16500 J	17400 J	17000 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	0.58 J	0.70 J	0.45 J	1.1 J	0.36 J	0.96 J	1.3 J	1.4 J
Zinc	7440-66-6	ug/L	< 30.0 UJ	< 30.0 UJ	< 30.0 UJ	< 30.0 UJ	< 30.0 UJ	< 30.0 UJ	< 30.0 UJ	< 30.0 UJ

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD035	CH-SWSD035	CH-SWSD036	CH-SWSD037	CH-SWSD038	CH-SWSD039	CH-SWSD040	CH-SWSD040	
Sample ID		XCH-SWSD035-SW01-F-LF	XCH-SWSD035-SW01-LF	XCH-SWSD036-SW01-LF	XCH-SWSD037-SW01-LF	XCH-SWSD038-SW01-LF	XCH-SWSD039-SW01-LF	XCH-SWSD040-SW01D-LF	XCH-SWSD040-SW01-LF	
Sample Date		6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	
Sample Type Code		N	N	N	N	N	N	FD	N	
Parent Sample ID								XCH-SWSD040-SW01-LF		
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	25100 J	25200 J	25100 J	22400 J	24200 J	23400 J	21400 J	20300 J
Metals										
Aluminum	7429-90-5	ug/L	239 J	199 J	171 J	209 J	223 J	225 J	229 J	219 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Barium	7440-39-3	ug/L	16.1 J	12.5 J	13.6 J	15.6 J	16.4 J	19.6 J	17.4 J	16.4 J
Beryllium	7440-41-7	ug/L	R	R	< 0.25 UJ	0.090 J	R	R	R	R
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	5970 J	5850 J	5640 J	4340 J	4800 J	4410 J	4020 J	3610 J
Chromium	7440-47-3	ug/L	2.6 J	R	R	R	R	R	R	R
Chromium(VI) (a)	18540-29-9	ug/L	0.8 J	R	R	R	R	R	R	R
Cobalt	7440-48-4	ug/L	0.45 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Copper	7440-50-8	ug/L	3.1 J	2.5 J	3.0 J	2.8 J	2.2 J	2.4 J	2.3 J	2.2 J
Iron (Fe)	7439-89-6	ug/L	461 J	432 J	462 J	379 J	387 J	461 J	512 J	529 J
Lead	7439-92-1	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Magnesium (Mg)	7439-95-4	ug/L	2470 J	2570 J	2670 J	2820 J	2960 J	3010 J	2750 J	2750 J
Manganese (Mn)	7439-96-5	ug/L	72.1 J	1.1 J	1.9 J	1.6 J	2.4 J	1.4 J	5.5 J	7.6 J
Nickel	7440-02-0	ug/L	1.0 J	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	2.7 J	1.2 J	< 2.0 UJ	1.4 J
Potassium (K)	7440-09-7	ug/L	1530 J	1640 J	1170 J	1090 J	1190 J	1230 J	1150 J	1080 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	16400 J	17000 J	16700 J	17900 J	18400 J	18500 J	17400 J	16800 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	1.2 J	0.96 J	1.5 J	1.4 J	0.86 J	0.69 J	0.89 J	0.89 J
Zinc	7440-66-6	ug/L	< 30.0 UJ	< 30.0 UJ	< 30.0 UJ	< 30.0 UJ	< 30.0 UJ	< 30.0 UJ	< 30.0 UJ	< 30.0 UJ

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD041	CH-SWSD042	CH-SWSD043	CH-SWSD044	CH-SWSD045	CH-SWSD045	CH-SWSD046	CH-SWSD047	
Sample ID		XCH-SWSD041-SW01-LF	XCH-SWSD042-SW01-LF	XCH-SWSD043-SW01-LF	XCH-SWSD044-SW01-LF	XCH-SWSD045-SW01D-LF	XCH-SWSD045-SW01-LF	XCH-SWSD046-SW01-LF	XCH-SWSD047-SW01-LF	
Sample Date		6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/3/2017	6/3/2017	
Sample Type Code		N	N	N	N	FD	N	N	N	
Parent Sample ID						XCH-SWSD045-SW01-LF				
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	20900 J	22000 J	22900 J	22300 J	22000 J	23300 J	25800 J	24500 J
Metals										
Aluminum	7429-90-5	ug/L	243 J	231 J	238 J	275 J	247 J	258 J	40.7 J	165 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Barium	7440-39-3	ug/L	17.7 J	14.8 J	17.0 J	17.1 J	19.5 J	17.0 J	9.4 J	10 J
Beryllium	7440-41-7	ug/L	R	R	R	R	R	R	< 0.25 UJ	< 0.25 UJ
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	3950 J	4090 J	4300 J	4010 J	3950 J	4300 J	5010 J	5350 J
Chromium	7440-47-3	ug/L	R	R	R	R	R	R	R	R
Chromium(VI) (a)	18540-29-9	ug/L	R	R	R	R	R	R	R	R
Cobalt	7440-48-4	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Copper	7440-50-8	ug/L	2.2 J	2.0 J	2.1 J	2.5 J	2.2 J	2.7 J	1.9 J	3.3 J
Iron (Fe)	7439-89-6	ug/L	485 J	582 J	556 J	825 J	715 J	711 J	179 J	600 J
Lead	7439-92-1	ug/L	< 2.0 UJ	0.22 J	0.27 J	< 2.0 UJ	0.26 J	0.28 J	0.21 J	0.22 J
Magnesium (Mg)	7439-95-4	ug/L	2680 J	2860 J	2960 J	2990 J	2950 J	3050 J	3220 J	2700 J
Manganese (Mn)	7439-96-5	ug/L	7.5 J	8.2 J	14.4 J	20.3 J	4.9 J	5.4 J	< 2.0 UJ	2.8 J
Nickel	7440-02-0	ug/L	1.1 J	1.2 J	1.3 J	1.3 J	1.2 J	1.3 J	< 2.0 UJ	< 2.0 UJ
Potassium (K)	7440-09-7	ug/L	1150 J	1210 J	1260 J	1290 J	1190 J	1290 J	1130 J	1580 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	16800 J	17800 J	18300 J	18400 J	15900 J	15400 J	17200 J	16700 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	0.45 J	0.73 J	0.67 J	0.73 J	1.0 J	0.81 J	0.34 J	0.47 J
Zinc	7440-66-6	ug/L	< 30.0 UJ	6.1 J	6.8 J	< 30.0 UJ	5.3 J	6.5 J	< 7.5 UJ	6.0 J

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD048	CH-SWSD049	CH-SWSD050	CH-SWSD051	CH-SWSD052	CH-SWSD053	CH-SWSD054	CH-SWSD055
		Sample ID	XCH-SWSD048-SW01-LF	XCH-SWSD049-SW01-LF	XCH-SWSD050-SW01-LF	XCH-SWSD051-SW01-LF	XCH-SWSD052-SW01-LF	XCH-SWSD053-SW01-LF	XCH-SWSD054-SW01-LF	XCH-SWSD055-SW01D-LF
		Sample Date	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017
		Sample Type Code	N	N	N	N	N	N	N	N
		Parent Sample ID								FD
										XCH-SWSD055-SW01-LF
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	26300 J	24500 J	26300 J	24800 J	25300 J	26800 J	25700 J	24800 J
Metals										
Aluminum	7429-90-5	ug/L	92.0 J	142 J	146 J	169 J	181 J	171 J	171 J	145 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Barium	7440-39-3	ug/L	9.8 J	11.6 J	13.2 J	10.7 J	11.0 J	11.3 J	10.6 J	10.9 J
Beryllium	7440-41-7	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	5480 J	5010 J	5220 J	4890 J	4990 J	5620 J	5270 J	5110 J
Chromium	7440-47-3	ug/L	R	2.1 J	R	R	R	2.4 J	2.8 J	2.4 J
Chromium(VI) (a)	18540-29-9	ug/L	R	0.6 J	R	R	R	0.7 J	0.8 J	0.7 J
Cobalt	7440-48-4	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Copper	7440-50-8	ug/L	2.2 J	2.3 J	2.3 J	1.8 J	2.2 J	2.2 J	2.3 J	2.1 J
Iron (Fe)	7439-89-6	ug/L	480 J	532 J	542 J	544 J	523 J	573 J	557 J	532 J
Lead	7439-92-1	ug/L	0.19 J	< 0.25 UJ	0.21 J	0.12 J	0.21 J	0.20 J	0.14 J	0.19 J
Magnesium (Mg)	7439-95-4	ug/L	3050 J	2900 J	3210 J	3060 J	3120 J	3110 J	3040 J	2930 J
Manganese (Mn)	7439-96-5	ug/L	0.97 J	2.3 J	2.3 J	1.6 J	1.9 J	1.9 J	1.6 J	1.4 J
Nickel	7440-02-0	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Potassium (K)	7440-09-7	ug/L	1450 J	1330 J	1400 J	1360 J	1360 J	1400 J	1340 J	1310 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	17300 J	17000 J	18600 J	17300 J	17800 J	17600 J	17400 J	16900 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	0.37 J	0.45 J	0.53 J	0.48 J	0.53 J	0.50 J	0.51 J	0.52 J
Zinc	7440-66-6	ug/L	4.7 J	4.2 J	7.7 J	R	< 7.5 UJ	5.3 J	4.7 J	5.7 J

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD055	CH-SWSD056	CH-SWSD057	CH-SWSD058	CH-SWSD059	CH-SWSD060	CH-SWSD060	CH-SWSD061	
Sample ID		XCH-SWSD055-SW01-LF	XCH-SWSD056-SW01-LF	XCH-SWSD057-SW01-LF	XCH-SWSD058-SW01-LF	XCH-SWSD059-SW01-LF	XCH-SWSD060-SW01D-LF	XCH-SWSD060-SW01-LF	XCH-SWSD061-SW01-LF	
Sample Date		6/3/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	
Sample Type Code		N	N	N	N	N	FD	N	N	
Parent Sample ID							XCH-SWSD060-SW01-LF			
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	24500 J	23300 J	22500 J	22600 J	22100 J	21600 J	22400 J	21600 J
Metals										
Aluminum	7429-90-5	ug/L	131 J	307 J	300 J	325 J	278 J	289 J	268 J	298 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Barium	7440-39-3	ug/L	11.6 J	16.3 J	18.5 J	16.4 J	18.8 J	16.9 J	15.6 J	17.2 J
Beryllium	7440-41-7	ug/L	< 0.25 UJ	< 0.25 UJ	R	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	0.073 J	< 0.25 UJ
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	4900 J	5190 J	4730 J	4840 J	4860 J	4540 J	4850 J	4680 J
Chromium	7440-47-3	ug/L	2.1 J	R	R	R	R	R	R	R
Chromium(VI) (a)	18540-29-9	ug/L	0.6 J	R	R	R	R	R	R	R
Cobalt	7440-48-4	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Copper	7440-50-8	ug/L	2.0 J	3.2 J	3.1 J	3.2 J	3.1 J	2.8 J	3.1 J	3.0 J
Iron (Fe)	7439-89-6	ug/L	507 J	463 J	436 J	388 J	445 J	454 J	393 J	368 J
Lead	7439-92-1	ug/L	0.20 J	0.68 J	0.70 J	0.63 J	0.68 J	0.81 J	0.69 J	0.67 J
Magnesium (Mg)	7439-95-4	ug/L	2990 J	2510 J	2590 J	2550 J	2420 J	2500 J	2510 J	2400 J
Manganese (Mn)	7439-96-5	ug/L	1.6 J	3.6 J	3.5 J	3.1 J	2.9 J	3.6 J	3.0 J	5.1 J
Nickel	7440-02-0	ug/L	< 2.0 UJ	1.1 J	1.1 J	< 2.0 UJ	1.1 J	< 2.0 UJ	1.5 J	< 2.0 UJ
Potassium (K)	7440-09-7	ug/L	1300 J	1130 J	1090 J	1140 J	1090 J	1050 J	1080 J	1120 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	16900 J	16700 J	16900 J	17000 J	16400 J	16600 J	16600 J	16300 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	0.49 J	0.77 J	0.80 J	1.1 J	0.66 J	0.56 J	0.74 J	0.81 J
Zinc	7440-66-6	ug/L	5.2 J	R	R	R	R	R	R	R

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD062	CH-SWSD063	CH-SWSD064	CH-SWSD065	CH-SWSD065	CH-SWSD067	CH-SWSD067	CH-SWSD068	
Sample ID		XCH-SWSD062-SW01-LF	XCH-SWSD063-SW01-LF	XCH-SWSD064-SW01-LF	XCH-SWSD065-SW01D-LF	XCH-SWSD065-SW01-LF	XCH-SWSD067-SW01-F-LF	XCH-SWSD067-SW01-LF	XCH-SWSD068-SW01-LF	
Sample Date		6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	
Sample Type Code		N	N	N	FD	N	N	N	N	
Parent Sample ID					XCH-SWSD065-SW01-LF					
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	23200 J	22500 J	22200 J	22600 J	21900 J	18500 J	18600 J	17500 J
Metals										
Aluminum	7429-90-5	ug/L	302 J	281 J	294 J	278 J	278 J	481 J	452 J	1020 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Barium	7440-39-3	ug/L	16.0 J	17.0 J	18.4 J	15.4 J	18.2 J	15.4 J	17.7 J	40.8 J
Beryllium	7440-41-7	ug/L	< 0.25 UJ	0.081 J	< 0.25 UJ	R	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	0.22 J
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	5190 J	4830 J	4790 J	4820 J	4650 J	4450 J	4550 J	3540 J
Chromium	7440-47-3	ug/L	R	R	R	R	R	R	2.6 J	1.9 J
Chromium(VI) (a)	18540-29-9	ug/L	R	R	R	R	R	R	0.8 J	0.6 J
Cobalt	7440-48-4	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	0.41 J	0.44 J	1.0 J
Copper	7440-50-8	ug/L	2.9 J	3.6 J	3.7 J	3.3 J	3.5 J	3.5 J	3.4 J	7.8 J
Iron (Fe)	7439-89-6	ug/L	413 J	357 J	348 J	364 J	342 J	258 J	303 J	195 J
Lead	7439-92-1	ug/L	0.60 J	0.71 J	0.65 J	0.66 J	0.57 J	1.6 J	1.6 J	4.8 J
Magnesium (Mg)	7439-95-4	ug/L	2490 J	2530 J	2480 J	2560 J	2490 J	1780 J	1770 J	2110 J
Manganese (Mn)	7439-96-5	ug/L	7.7 J	10.4 J	8.6 J	7.4 J	5.7 J	19.1 J	20.7 J	20.5 J
Nickel	7440-02-0	ug/L	< 2.0 UJ	< 2.0 UJ	1.0 J	1.2 J	1.4 J	1.1 J	1.0 J	2.4 J
Potassium (K)	7440-09-7	ug/L	1080 J	1070 J	1070 J	1080 J	1040 J	592 J	655 J	764 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	16700 J	16800 J	16600 J	16900 J	16500 J	15900 J	16000 J	17600 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	0.53 J	0.50 J	0.70 J	0.79 J	0.66 J	1.4 J	1.0 J	2.7 J
Zinc	7440-66-6	ug/L	R	R	R	R	R	13.6 J	14.7 J	32.3 J

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD069	CH-SWSD072	CH-SWSD072	CH-SWSD073	CH-SWSD074	CH-SWSD074	CH-SWSD075	CH-SWSD076
Sample ID		XCH-SWSD069-SW01-LF	XCH-SWSD072-SW01-F-LF	XCH-SWSD072-SW01-LF	XCH-SWSD073-SW01-LF	XCH-SWSD074-SW01-F-LF	XCH-SWSD074-SW01-LF	XCH-SWSD075-SW01-LF	XCH-SWSD076-SW01-LF
Sample Date		6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017
Sample Type Code		N	N	N	N	N	N	N	N
Parent Sample ID									
Chemical	CAS	Units							
General Chemistry									
Total hardness	HARDNESS	ug/L	16600 J	15000 J	15400 J	14300 J	15900 J	14900 J	15300 J
Metals									
Aluminum	7429-90-5	ug/L	1000 J	874 J	870 J	841 J	709 J	692 J	654 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Barium	7440-39-3	ug/L	39.7 J	39.6 J	37.5 J	38.7 J	38.3 J	34.6 J	35.9 J
Beryllium	7440-41-7	ug/L	0.21 J	0.19 J	0.18 J	0.17 J	0.16 J	0.17 J	0.14 J
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	3360 J	2620 J	2830 J	2530 J	2960 J	2650 J	2310 J
Chromium	7440-47-3	ug/L	R	R	R	1.4 J	R	1.5 J	1.6 J
Chromium(VI) (a)	18540-29-9	ug/L	R	R	R	0.4 J	R	0.5 J	0.5 J
Cobalt	7440-48-4	ug/L	0.75 J	0.48 J	0.66 J	0.64 J	0.58 J	0.45 J	0.70 J
Copper	7440-50-8	ug/L	6.6 J	6.1 J	4.6 J	2.6 J	2.9 J	2.4 J	R
Iron (Fe)	7439-89-6	ug/L	211 J	127 J	118 J	86.7 J	82.0 J	81.2 J	84.4 J
Lead	7439-92-1	ug/L	4.6 J	0.83 J	0.74 J	0.59 J	0.53 J	0.48 J	0.47 J
Magnesium (Mg)	7439-95-4	ug/L	1990 J	2050 J	2030 J	1930 J	2080 J	2020 J	2110 J
Manganese (Mn)	7439-96-5	ug/L	19.1 J	12.4 J	11.6 J	9.0 J	8.1 J	9.1 J	8.6 J
Nickel	7440-02-0	ug/L	2.4 J	1.4 J	1.6 J	1.3 J	1.1 J	1.1 J	1.2 J
Potassium (K)	7440-09-7	ug/L	705 J	704 J	666 J	575 J	590 J	606 J	617 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	16800 J	16800 J	16900 J	15600 J	16600 J	16300 J	17300 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	2.3 J	2.0 J	2.3 J	2.3 J	2.2 J	2.5 J	2.2 J
Zinc	7440-66-6	ug/L	28.6 J	R	19.4 J	19.5 J	19.3 J	15.2 J	16.5 J

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD077	CH-SWSD078	CH-SWSD080	CH-SWSD081	CH-SWSD081	CH-SWSD082	CH-SWSD083	CH-SWSD084	
Sample ID		XCH-SWSD077-SW01-LF	XCH-SWSD078-SW01-LF	XCH-SWSD080-SW01-LF	XCH-SWSD081-SW01D-LF	XCH-SWSD081-SW01-LF	XCH-SWSD082-SW01-LF	XCH-SWSD083-SW01-LF	XCH-SWSD084-SW01-LF	
Sample Date		6/2/2017	6/2/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	
Sample Type Code		N	N	N	FD	N	N	N	N	
Parent Sample ID					XCH-SWSD081-SW01-LF					
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	16300 J	18700 J	17400 J	17500 J	17000 J	17200 J	16900 J	16800 J
Metals										
Aluminum	7429-90-5	ug/L	688 J	714 J	555 J	508 J	525 J	553 J	527 J	492 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Barium	7440-39-3	ug/L	34.8 J	44.7 J	24.7 J	23.3 J	26.3 J	29.3 J	25.1 J	26.5 J
Beryllium	7440-41-7	ug/L	0.14 J	0.13 J	0.20 J	0.16 J	0.18 J	0.18 J	0.19 J	0.16 J
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	3170 J	4070 J	2170 J	2170 J	2080 J	2130 J	2060 J	1880 J
Chromium	7440-47-3	ug/L	R	R	R	R	R	2.4 J	R	R
Chromium(VI) (a)	18540-29-9	ug/L	R	R	R	R	R	0.7 J	R	R
Cobalt	7440-48-4	ug/L	0.48 J	0.63 J	0.47 J	0.68 J	0.58 J	0.63 J	0.62 J	0.73 J
Copper	7440-50-8	ug/L	2.3 J	2.8 J	2.7 J	1.9 J	2.4 J	2.5 J	2.5 J	2.5 J
Iron (Fe)	7439-89-6	ug/L	93.7 J	211 J	261 J	234 J	226 J	249 J	267 J	232 J
Lead	7439-92-1	ug/L	0.57 J	0.59 J	0.51 J	0.30 J	0.50 J	0.47 J	0.46 J	0.50 J
Magnesium (Mg)	7439-95-4	ug/L	2050 J	2090 J	2910 J	2940 J	2870 J	2880 J	2860 J	2930 J
Manganese (Mn)	7439-96-5	ug/L	7.6 J	15.4 J	23.7 J	24.1 J	23.1 J	20.9 J	22.4 J	22.7 J
Nickel	7440-02-0	ug/L	< 2.0 UJ	1.1 J	1.4 J	2.1 J	1.1 J	1.1 J	1.0 J	1.3 J
Potassium (K)	7440-09-7	ug/L	497 J	803 J	836 J	855 J	879 J	828 J	851 J	901 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	17400 J	17500 J	18600 J	19000 J	18800 J	18500 J	18400 J	18800 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	2.6 J	2.1 J	1.2 J	1.1 J	0.83 J	1.3 J	1.1 J	1.2 J
Zinc	7440-66-6	ug/L	R	24.6 J	8.6 J	9.1 J	10.1 J	R	9.9 J	9.4 J

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID			CH-SWSD085	CH-SWSD085	CH-SWSD086	CH-SWSD087	CH-SWSD088	CH-SWSD089	CH-SWSD090	CH-SWSD091
Sample ID			XCH-SWSD085-SW01D-LF	XCH-SWSD085-SW01-LF	XCH-SWSD086-SW01-LF	XCH-SWSD087-SW01-LF	XCH-SWSD088-SW01-LF	XCH-SWSD089-SW01-LF	XCH-SWSD090-SW01-LF	XCH-SWSD091-SW01-LF
Sample Date			6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017
Sample Type Code			FD	N	N	N	N	N	N	N
Parent Sample ID			XCH-SWSD085-SW01-LF							
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	16100 J	16800 J	16100 J	15800 J	17000 J	16600 J	16700 J	16600 J
Metals										
Aluminum	7429-90-5	ug/L	505 J	493 J	492 J	483 J	541 J	522 J	460 J	509 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Barium	7440-39-3	ug/L	26.6 J	26.3 J	24.3 J	21.9 J	25.4 J	24.7 J	23.9 J	23.4 J
Beryllium	7440-41-7	ug/L	0.17 J	0.17 J	0.17 J	0.18 J	0.18 J	0.18 J	0.15 J	0.14 J
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	1800 J	2150 J	1970 J	1940 J	2150 J	2070 J	2200 J	2100 J
Chromium	7440-47-3	ug/L	R	R	R	R	R	R	R	R
Chromium(VI) (a)	18540-29-9	ug/L	R	R	R	R	R	R	R	R
Cobalt	7440-48-4	ug/L	0.52 J	0.59 J	0.66 J	0.62 J	0.65 J	0.90 J	0.61 J	0.58 J
Copper	7440-50-8	ug/L	2.7 J	2.6 J	2.6 J	2.4 J	3.3 J	2.7 J	2.9 J	2.5 J
Iron (Fe)	7439-89-6	ug/L	214 J	239 J	243 J	217 J	319 J	335 J	298 J	323 J
Lead	7439-92-1	ug/L	0.56 J	0.54 J	0.51 J	0.48 J	0.65 J	0.64 J	0.59 J	0.61 J
Magnesium (Mg)	7439-95-4	ug/L	2820 J	2780 J	2710 J	2660 J	2830 J	2780 J	2720 J	2750 J
Manganese (Mn)	7439-96-5	ug/L	22.0 J	24.3 J	22.7 J	23.1 J	29.5 J	29.8 J	31.2 J	29.9 J
Nickel	7440-02-0	ug/L	< 2.0 UJ	1.2 J	1.2 J	1.0 J	1.1 J	4.5 J	1.1 J	1.4 J
Potassium (K)	7440-09-7	ug/L	863 J	827 J	789 J	807 J	897 J	891 J	884 J	928 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	18100 J	18000 J	17500 J	17500 J	22900 J	17900 J	17300 J	17900 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	1.0 J	1.1 J	1.3 J	0.94 J	1.3 J	1.4 J	1.0 J	0.99 J
Zinc	7440-66-6	ug/L	9.3 J	9.4 J	9.4 J	9.0 J	11.4 J	10.1 J	10.6 J	9.5 J

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD092	CH-SWSD093	CH-SWSD094	CH-SWSD095	CH-SWSD095	CH-SWSD098	CH-SWSD098	CH-SWSD099	
Sample ID		XCH-SWSD092-SW01-LF	XCH-SWSD093-SW01-LF	XCH-SWSD094-SW01-LF	XCH-SWSD095-SW01D-LF	XCH-SWSD095-SW01-LF	XCH-SWSD098-SW01-F-LF	XCH-SWSD098-SW01-LF	XCH-SWSD099-SW01-LF	
Sample Date		6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/7/2017	6/7/2017	6/7/2017	
Sample Type Code		N	N	N	FD	N	N	N	N	
Parent Sample ID					XCH-SWSD095-SW01-LF					
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	17200 J	17000 J	17000 J	16700 J	16400 J	38700 J	40300 J	40800 J
Metals										
Aluminum	7429-90-5	ug/L	507 J	553 J	519 J	557 J	517 J	267 J	198 J	371 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Barium	7440-39-3	ug/L	21.8 J	23.7 J	21.5 J	23.1 J	23.7 J	15.6 J	14.4 J	16.6 J
Beryllium	7440-41-7	ug/L	0.14 J	0.16 J	0.16 J	0.15 J	0.15 J	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	2280 J	2080 J	2400 J	2230 J	2130 J	10300 J	10900 J	10800 J
Chromium	7440-47-3	ug/L	R	R	R	R	R	1.4 J	1.7 J	2.9 J
Chromium(VI) (a)	18540-29-9	ug/L	R	R	R	R	R	0.4 J	0.5 J	0.9 J
Cobalt	7440-48-4	ug/L	0.58 J	0.65 J	0.67 J	0.64 J	0.65 J	< 0.50 UJ	0.19 J	0.21 J
Copper	7440-50-8	ug/L	2.7 J	2.5 J	3.0 J	4.5 J	3.0 J	2.3 J	2.8 J	3.5 J
Iron (Fe)	7439-89-6	ug/L	341 J	361 J	289 J	314 J	301 J	322 J	325 J	417 J
Lead	7439-92-1	ug/L	0.54 J	0.66 J	0.58 J	0.56 J	0.59 J	0.21 J	0.40 J	0.38 J
Magnesium (Mg)	7439-95-4	ug/L	2790 J	2870 J	2670 J	2700 J	2680 J	3170 J	3160 J	3350 J
Manganese (Mn)	7439-96-5	ug/L	33.4 J	31.5 J	28.5 J	29.9 J	31.7 J	1.3 J	14.0 J	6.8 J
Nickel	7440-02-0	ug/L	1.1 J	< 2.0 UJ	1.0 J	1.7 J	1.6 J	< 2.0 UJ	1.0 J	1.7 J
Potassium (K)	7440-09-7	ug/L	926 J	960 J	925 J	909 J	959 J	1370 J	1320 J	1370 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	18000 J	18200 J	17100 J	17600 J	17200 J	14000 J	13100 J	14100 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	1.4 J	1.3 J	0.94 J	1.0 J	1.3 J	1.0 J	0.90 J	1.0 J
Zinc	7440-66-6	ug/L	9.6 J	10.6 J	10.5 J	10.2 J	9.1 J	7.7 J	10.5 J	9.0 J

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD100	CH-SWSD100	CH-SWSD101	CH-SWSD101	CH-SWSD102	CH-SWSD102	CH-SWSD103	CH-SWSD103
		Sample ID	XCH-SWSD100-SW01D-LF	XCH-SWSD100-SW01-LF	XCH-SWSD101-SW01-F-LF	XCH-SWSD101-SW01-LF	XCH-SWSD102-SW01-F-LF	XCH-SWSD102-SW01-LF	XCH-SWSD103-SW01-F-LF	XCH-SWSD103-SW01-LF
		Sample Date	6/7/2017	6/7/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017
		Sample Type Code	FD	N	N	N	N	N	N	N
		Parent Sample ID	XCH-SWSD100-SW01-LF							
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	34900 J	37200 J	34300 J	32900 J	34800 J	34900 J	34800 J	32900 J
Metals										
Aluminum	7429-90-5	ug/L	320 J	362 J	192 J	180 J	202 J	217 J	232 J	252 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Barium	7440-39-3	ug/L	16.2 J	16.5 J	20.3 J	23.3 J	23.5 J	22.6 J	22.3 J	20.9 J
Beryllium	7440-41-7	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	9060 J	9710 J	7500 J	6900 J	7760 J	7700 J	7830 J	7140 J
Chromium	7440-47-3	ug/L	1.4 J	3.4 J	R	0.95 J	R	1.9 J	R	2.3 J
Chromium(VI) (a)	18540-29-9	ug/L	0.4 J	1 J	R	0.3 J	R	0.6 J	R	0.7 J
Cobalt	7440-48-4	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	0.20 J
Copper	7440-50-8	ug/L	4.1 J	3.3 J	3.1 J	2.6 J	2.3 J	3.2 J	3.1 J	2.9 J
Iron (Fe)	7439-89-6	ug/L	271 J	281 J	449 J	495 J	522 J	497 J	780 J	713 J
Lead	7439-92-1	ug/L	0.49 J	0.50 J	0.25 J	0.27 J	0.23 J	0.22 J	0.15 J	0.21 J
Magnesium (Mg)	7439-95-4	ug/L	2990 J	3140 J	3780 J	3800 J	3760 J	3800 J	3690 J	3660 J
Manganese (Mn)	7439-96-5	ug/L	2.8 J	4.2 J	1.2 J	1.6 J	3.5 J	4.0 J	2.1 J	1.7 J
Nickel	7440-02-0	ug/L	1.6 J	1.6 J	2.2 J	1.8 J	1.9 J	1.8 J	1.6 J	1.7 J
Potassium (K)	7440-09-7	ug/L	1230 J	1270 J	1520 J	1590 J	1600 J	1540 J	1480 J	1460 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	14300 J	14900 J	18200 J	17800 J	18100 J	18000 J	18700 J	18300 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	1.0 J	1.1 J	0.61 J	0.79 J	0.70 J	0.75 J	0.76 J	0.92 J
Zinc	7440-66-6	ug/L	6.3 J	10.5 J	5.6 J	8.5 J	5.6 J	19.1 J	5.0 J	5.8 J

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD104	CH-SWSD104	CH-SWSD105	CH-SWSD105	CH-SWSD105	CH-SWSD105	CH-SWSD106	CH-SWSD106	
Sample ID		XCH-SWSD104-SW01-F-LF	XCH-SWSD104-SW01-LF	XCH-SWSD105-SW01D-F-LF	XCH-SWSD105-SW01D-LF	XCH-SWSD105-SW01-F-LF	XCH-SWSD105-SW01-LF	XCH-SWSD106-SW01-F-LF	XCH-SWSD106-SW01-LF	
Sample Date		6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	
Sample Type Code		N	N	FD	FD	N	N	N	N	
Parent Sample ID				XCH-SWSD105-SW01-F-LF	XCH-SWSD105-SW01-LF					
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	31000 J	29500 J	35300 J	34500 J	34900 J	32500 J	34500 J	33100 J
Metals										
Aluminum	7429-90-5	ug/L	227 J	255 J	160 J	158 J	134 J	143 J	234 J	248 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	R	< 2.0 UJ
Barium	7440-39-3	ug/L	16.9 J	17.5 J	14.5 J	15.0 J	14.5 J	14.1 J	19.7 J	18.6 J
Beryllium	7440-41-7	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	R	< 0.25 UJ
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	6980 J	6620 J	8210 J	7780 J	8130 J	7320 J	8430 J	8010 J
Chromium	7440-47-3	ug/L	R	2.8 J	R	3.3 J	R	3.1 J	R	2.6 J
Chromium(VI) (a)	18540-29-9	ug/L	R	0.8 J	R	1 J	R	0.9 J	R	0.8 J
Cobalt	7440-48-4	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	0.21 J	< 0.50 UJ
Copper	7440-50-8	ug/L	5.2 J	2.6 J	3.0 J	3.0 J	2.6 J	2.4 J	2.8 J	2.6 J
Iron (Fe)	7439-89-6	ug/L	227 J	301 J	165 J	229 J	190 J	188 J	443 J	429 J
Lead	7439-92-1	ug/L	0.43 J	0.47 J	0.41 J	0.31 J	0.42 J	0.40 J	0.30 J	0.23 J
Magnesium (Mg)	7439-95-4	ug/L	3290 J	3160 J	3600 J	3650 J	3550 J	3440 J	3270 J	3170 J
Manganese (Mn)	7439-96-5	ug/L	20.7 J	2.5 J	3.9 J	1.2 J	4.6 J	< 2.0 UJ	22.9 J	0.93 J
Nickel	7440-02-0	ug/L	1.9 J	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	1.6 J	2.2 J
Potassium (K)	7440-09-7	ug/L	1380 J	1330 J	1210 J	1180 J	1120 J	1110 J	1330 J	1270 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	17600 J	17000 J	16600 J	16800 J	16700 J	15800 J	15200 J	15000 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	1.0 J	0.66 J	1.1 J	0.85 J	1.2 J	0.86 J	0.92 J	0.74 J
Zinc	7440-66-6	ug/L	10.6 J	6.3 J	4.7 J	R	4.5 J	R	11.4 J	8.3 J

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD107	CH-SWSD107	CH-SWSD108	CH-SWSD108	CH-SWSD109	CH-SWSD109	CH-SWSD110	CH-SWSD110	
Sample ID		XCH-SWSD107-SW01-F-LF	XCH-SWSD107-SW01-LF	XCH-SWSD108-SW01-F-LF	XCH-SWSD108-SW01-LF	XCH-SWSD109-SW01-F-LF	XCH-SWSD109-SW01-LF	XCH-SWSD110-SW01-F-LF	XCH-SWSD110-SW01-LF	
Sample Date		6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	
Sample Type Code		N	N	N	N	N	N	N	N	
Parent Sample ID										
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	33800 J	35600 J	32400 J	36000 J	34400 J	31900 J	34600 J	32500 J
Metals										
Aluminum	7429-90-5	ug/L	273 J	251 J	267 J	275 J	267 J	258 J	322 J	267 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	0.77 J	0.96 J	0.95 J	0.91 J	0.87 J	0.99 J	1.1 J
Barium	7440-39-3	ug/L	21.1 J	18.2 J	19.9 J	18.5 J	19.2 J	20.3 J	16.4 J	17.3 J
Beryllium	7440-41-7	ug/L	< 0.25 UJ	< 0.25 UJ	R	R	R	R	R	0.10 J
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	8210 J	8640 J	7780 J	8780 J	8190 J	7590 J	8250 J	7820 J
Chromium	7440-47-3	ug/L	R	2.8 J	R	2.9 J	R	2.1 J	R	2.5 J
Chromium(VI) (a)	18540-29-9	ug/L	R	0.8 J	R	0.9 J	R	0.6 J	R	0.8 J
Cobalt	7440-48-4	ug/L	0.16 J	< 0.50 UJ	0.53 J	< 0.50 UJ	1.1 J	< 0.50 UJ	1.4 J	< 0.50 UJ
Copper	7440-50-8	ug/L	3.0 J	3.0 J	2.8 J	3.1 J	2.3 J	2.7 J	2.6 J	3.2 J
Iron (Fe)	7439-89-6	ug/L	601 J	628 J	494 J	475 J	695 J	560 J	567 J	575 J
Lead	7439-92-1	ug/L	0.29 J	0.25 J	0.56 J	0.29 J	0.62 J	0.30 J	0.66 J	0.47 J
Magnesium (Mg)	7439-95-4	ug/L	3240 J	3400 J	3150 J	3420 J	3380 J	3140 J	3410 J	3160 J
Manganese (Mn)	7439-96-5	ug/L	21.0 J	1.3 J	55.2 J	1.7 J	63.5 J	1.3 J	72.0 J	1.7 J
Nickel	7440-02-0	ug/L	1.8 J	2.1 J	1.7 J	1.5 J	2.0 J	2.2 J	2.2 J	2.4 J
Potassium (K)	7440-09-7	ug/L	1250 J	1340 J	1160 J	1370 J	1310 J	1180 J	1410 J	1190 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	15200 J	16100 J	14600 J	16200 J	15900 J	14800 J	16500 J	15000 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	1.0 J	0.97 J	0.78 J	1.1 J	1.1 J	0.69 J	1.1 J	1.0 J
Zinc	7440-66-6	ug/L	11.1 J	9.4 J	10.5 J	10.1 J	10.6 J	9.3 J	9.1 J	9.7 J

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD112	CH-SWSD113	CH-SWSD114	CH-SWSD114	CH-SWSD115	CH-SWSD115	CH-SWSD115	CH-SWSD115	
Sample ID		XCH-SWSD112-SW01-LF	XCH-SWSD113-SW01-LF	XCH-SWSD114-SW01-F-LF	XCH-SWSD114-SW01-LF	XCH-SWSD115-SW01D-F-LF	XCH-SWSD115-SW01D-LF	XCH-SWSD115-SW01-F-LF	XCH-SWSD115-SW01-LF	
Sample Date		6/6/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	
Sample Type Code		N	N	N	N	FD	FD	N	N	
Parent Sample ID						XCH-SWSD115-SW01-F-LF	XCH-SWSD115-SW01-LF			
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	33600 J	26800 J	27000 J	25800 J	26500 J	26000 J	26600 J	26700 J
Metals										
Aluminum	7429-90-5	ug/L	1180 J	939 J	802 J	863 J	746 J	672 J	702 J	758 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	0.74 J	0.87 J	< 2.0 UJ	R	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Barium	7440-39-3	ug/L	28.2 J	23.9 J	23.7 J	23.6 J	22.3 J	20.1 J	20.0 J	20.6 J
Beryllium	7440-41-7	ug/L	0.24 J	0.20 J	0.21 J	0.19 J	0.18 J	0.17 J	0.19 J	0.18 J
Cadmium	7440-43-9	ug/L	0.35 J	0.21 J	0.20 J	0.19 J	< 0.50 UJ	0.22 J	R	R
Calcium (Ca)	7440-70-2	ug/L	7130 J	5520 J	5400 J	5120 J	5480 J	5390 J	5520 J	5400 J
Chromium	7440-47-3	ug/L	3.2 J	R	R	R	2.4 J	3.0 J	3.4 J	3.7 J
Chromium(VI) (a)	18540-29-9	ug/L	1 J	R	R	R	0.7 J	0.9 J	1 J	1 J
Cobalt	7440-48-4	ug/L	0.39 J	0.22 J	1.6 J	0.25 J	1.1 J	< 0.50 UJ	0.91 J	0.21 J
Copper	7440-50-8	ug/L	8.4 J	7.6 J	7.1 J	7.9 J	5.2 J	5.4 J	5.3 J	6.0 J
Iron (Fe)	7439-89-6	ug/L	2410 J	1360 J	1410 J	1450 J	1260 J	1140 J	1270 J	1260 J
Lead	7439-92-1	ug/L	< 2.0 UJ	1.2 J	1.6 J	0.87 J	0.96 J	0.70 J	1.0 J	0.73 J
Magnesium (Mg)	7439-95-4	ug/L	3830 J	3160 J	3270 J	3170 J	3120 J	3050 J	3120 J	3200 J
Manganese (Mn)	7439-96-5	ug/L	6.9 J	7.3 J	112 J	5.0 J	70.4 J	3.1 J	67.8 J	4.3 J
Nickel	7440-02-0	ug/L	4.2 J	R	R	R	2.4 J	2.0 J	2.8 J	2.7 J
Potassium (K)	7440-09-7	ug/L	1760 J	1220 J	1190 J	1260 J	1190 J	1130 J	1150 J	1200 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	16500 J	16000 J	16300 J	16500 J	16400 J	15500 J	16100 J	16300 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	3.0 J	1.6 J	1.9 J	1.6 J	1.6 J	1.5 J	1.5 J	1.7 J
Zinc	7440-66-6	ug/L	< 42.5 UJ	29.7 J	28.0 J	33.2 J	21.1 J	20.3 J	22.3 J	23.8 J

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD116	CH-SWSD116	CH-SWSD117	CH-SWSD117	CH-SWSD118	CH-SWSD118	CH-SWSD119	CH-SWSD120	
Sample ID		XCH-SWSD116-SW01-F-LF	XCH-SWSD116-SW01-LF	XCH-SWSD117-SW01-F-LF	XCH-SWSD117-SW01-LF	XCH-SWSD118-SW01-F-LF	XCH-SWSD118-SW01-LF	XCH-SWSD119-SW01-LF	XCH-SWSD120-SW01D-LF	
Sample Date		6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	
Sample Type Code		N	N	N	N	N	N	N	FD	
Parent Sample ID									XCH-SWSD120-SW01-LF	
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	58200 J	60700 J	43700 J	37500 J	29000 J	30300 J	25000 J	26900 J
Metals										
Aluminum	7429-90-5	ug/L	120 J	81.2 J	175 J	105 J	70.9 J	82.3 J	712 J	812 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	0.89 J	0.74 J	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Barium	7440-39-3	ug/L	17.2 J	13.4 J	11.6 J	6.6 J	10.6 J	9.0 J	21.6 J	21.6 J
Beryllium	7440-41-7	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	0.20 J	0.20 J
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	0.15 J	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	12900 J	13100 J	8840 J	7460 J	6550 J	6780 J	4800 J	5170 J
Chromium	7440-47-3	ug/L	R	0.98 J	R	R	R	1.1 J	3.4 J	2.8 J
Chromium(VI) (a)	18540-29-9	ug/L	R	0.3 J	R	R	R	0.3 J	1 J	0.8 J
Cobalt	7440-48-4	ug/L	1.2 J	1.8 J	0.21 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	0.22 J	0.18 J
Copper	7440-50-8	ug/L	1.7 J	1.1 J	2.2 J	1.9 J	1.8 J	1.5 J	6.3 J	6.0 J
Iron (Fe)	7439-89-6	ug/L	10200 J	7540 J	2640 J	1270 J	215 J	326 J	1200 J	1230 J
Lead	7439-92-1	ug/L	0.34 J	0.30 J	0.36 J	0.12 J	R	< 0.25 UJ	0.68 J	0.66 J
Magnesium (Mg)	7439-95-4	ug/L	6300 J	6810 J	5250 J	4590 J	3070 J	3240 J	3160 J	3410 J
Manganese (Mn)	7439-96-5	ug/L	847 J	954 J	512 J	2.2 J	44.8 J	2.9 J	3.7 J	6.2 J
Nickel	7440-02-0	ug/L	R	1.2 J	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	2.6 J	3.2 J
Potassium (K)	7440-09-7	ug/L	1260 J	1290 J	1160 J	968 J	804 J	853 J	1170 J	1330 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	14600 J	15700 J	14700 J	13000 J	14300 J	14600 J	16100 J	17600 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	1.6 J	0.74 J	1.1 J	< 0.50 UJ	0.27 J	< 0.50 UJ	1.2 J	1.6 J
Zinc	7440-66-6	ug/L	R	< 7.5 UJ	R	< 7.5 UJ	< 7.5 UJ	< 7.5 UJ	23.6 J	28.4 J

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD120	CH-SWSD121	CH-SWSD122	CH-SWSD123	CH-SWSD124	CH-SWSD125	CH-SWSD126	CH-SWSD127	
Sample ID		XCH-SWSD120-SW01-LF	XCH-SWSD121-SW01-LF	XCH-SWSD122-SW01-LF	XCH-SWSD123-SW01-LF	XCH-SWSD124-SW01-LF	XCH-SWSD125-SW01-LF	XCH-SWSD126-SW01-LF	XCH-SWSD127-SW01-LF	
Sample Date		6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/7/2017	6/7/2017	
Sample Type Code		N	N	N	N	N	N	N	N	
Parent Sample ID										
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	26600 J	31000 J	32200 J	31700 J	30400 J	29500 J	10400 J	14100 J
Metals										
Aluminum	7429-90-5	ug/L	782 J	576 J	395 J	408 J	405 J	360 J	607 J	461 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Barium	7440-39-3	ug/L	21.9 J	21.5 J	17.6 J	20.1 J	17.7 J	18.7 J	18.2 J	15.8 J
Beryllium	7440-41-7	ug/L	0.22 J	0.14 J	0.098 J	0.11 J	0.093 J	0.089 J	R	< 0.25 UJ
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	5270 J	6880 J	7300 J	6930 J	6770 J	6560 J	1540 J	2330 J
Chromium	7440-47-3	ug/L	3.5 J	3.1 J	3.3 J	2.8 J	2.9 J	1.4 J	3.4 J	2.0 J
Chromium(VI) (a)	18540-29-9	ug/L	1 J	0.9 J	1 J	0.8 J	0.9 J	0.4 J	1 J	0.6 J
Cobalt	7440-48-4	ug/L	0.19 J	0.20 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	0.40 J	0.37 J
Copper	7440-50-8	ug/L	6.0 J	5.0 J	3.5 J	3.8 J	3.6 J	3.2 J	3.2 J	2.6 J
Iron (Fe)	7439-89-6	ug/L	1170 J	836 J	690 J	762 J	689 J	652 J	1410 J	609 J
Lead	7439-92-1	ug/L	0.76 J	0.57 J	0.38 J	0.37 J	0.43 J	0.36 J	1.7 J	1.6 J
Magnesium (Mg)	7439-95-4	ug/L	3260 J	3350 J	3380 J	3500 J	3280 J	3200 J	1600 J	2000 J
Manganese (Mn)	7439-96-5	ug/L	4.6 J	3.5 J	3.3 J	3.2 J	3.5 J	3.2 J	13.3 J	7.9 J
Nickel	7440-02-0	ug/L	3.1 J	2.1 J	1.6 J	1.2 J	1.8 J	1.6 J	1.5 J	< 2.0 UJ
Potassium (K)	7440-09-7	ug/L	1290 J	1270 J	1120 J	1160 J	1080 J	1020 J	147 J	653 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	16900 J	16700 J	16400 J	17000 J	16000 J	15400 J	19300 J	18600 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	1.7 J	1.2 J	0.67 J	0.96 J	0.99 J	0.81 J	1.3 J	1.6 J
Zinc	7440-66-6	ug/L	27.3 J	17.6 J	12.7 J	12.3 J	11.4 J	12.2 J	32.1 J	18.8 J

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD128	CH-SWSD129	CH-SWSD129	CH-SWSD130	CH-SWSD131	CH-SWSD132	CH-SWSD133	CH-SWSD134	
Sample ID		XCH-SWSD128-SW01-LF	XCH-SWSD129-SW01D-LF	XCH-SWSD129-SW01-LF	XCH-SWSD130-SW01-LF	XCH-SWSD131-SW01-LF	XCH-SWSD132-SW01-LF	XCH-SWSD133-SW01-LF	XCH-SWSD134-SW01-LF	
Sample Date		6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	
Sample Type Code		N	FD	N	N	N	N	N	N	
Parent Sample ID			XCH-SWSD129-SW01-LF							
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	14900 J	15000 J	14300 J	13600 J	14500 J	13200 J	13900 J	12900 J
Metals										
Aluminum	7429-90-5	ug/L	341 J	425 J	436 J	415 J	392 J	410 J	421 J	402 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Barium	7440-39-3	ug/L	14.5 J	13.7 J	14.6 J	14.2 J	15.7 J	13.6 J	14.5 J	13.7 J
Beryllium	7440-41-7	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	2340 J	2440 J	2220 J	1950 J	2420 J	2020 J	2160 J	2060 J
Chromium	7440-47-3	ug/L	3.4 J	3.0 J	3.1 J	1.5 J	1.6 J	1.2 J	2.7 J	3.1 J
Chromium(VI) (a)	18540-29-9	ug/L	1 J	0.9 J	0.9 J	0.5 J	0.5 J	0.4 J	0.8 J	0.9 J
Cobalt	7440-48-4	ug/L	0.35 J	0.27 J	0.25 J	R	R	0.25 J	R	0.21 J
Copper	7440-50-8	ug/L	3.4 J	2.9 J	2.6 J	2.0 J	3.0 J	1.8 J	2.8 J	2.8 J
Iron (Fe)	7439-89-6	ug/L	387 J	364 J	491 J	342 J	294 J	302 J	307 J	294 J
Lead	7439-92-1	ug/L	1.2 J	1.4 J	1.4 J	1.0 J	1.3 J	0.99 J	1.3 J	1.5 J
Magnesium (Mg)	7439-95-4	ug/L	2210 J	2160 J	2120 J	2120 J	2060 J	1990 J	2070 J	1890 J
Manganese (Mn)	7439-96-5	ug/L	6.7 J	6.5 J	6.3 J	6.3 J	9.8 J	6.0 J	7.0 J	6.2 J
Nickel	7440-02-0	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	1.0 J
Potassium (K)	7440-09-7	ug/L	590 J	505 J	496 J	403 J	453 J	402 J	461 J	441 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	18900 J	18500 J	18400 J	17900 J	17300 J	16900 J	17700 J	15900 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	1.3 J	1.5 J	1.3 J	1.4 J	0.89 J	1.2 J	1.7 J	1.4 J
Zinc	7440-66-6	ug/L	14.4 J	16.0 J	15.8 J	14.2 J	14.0 J	11.6 J	15.7 J	15.6 J

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD135	CH-SWSD135	CH-SWSD136	CH-SWSD137	CH-SWSD138	CH-SWSD139	CH-SWSD140	CH-SWSD141	
Sample ID		XCH-SWSD135-SW01D-LF	XCH-SWSD135-SW01-LF	XCH-SWSD136-SW01-LF	XCH-SWSD137-SW01-LF	XCH-SWSD138-SW01-LF	XCH-SWSD139-SW01-LF	XCH-SWSD140-SW01-LF	XCH-SWSD141-SW01-LF	
Sample Date		6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/9/2017	
Sample Type Code		FD	N	N	N	N	N	N	N	
Parent Sample ID		XCH-SWSD135-SW01-LF								
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	13200 J	12600 J	12900 J	12700 J	13300 J	13300 J	13500 J	24600 J
Metals										
Aluminum	7429-90-5	ug/L	444 J	503 J	520 J	487 J	488 J	468 J	534 J	232 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Barium	7440-39-3	ug/L	14.4 J	14.6 J	14.7 J	14.8 J	14.2 J	15.9 J	18.5 J	20.8 J
Beryllium	7440-41-7	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	R	R
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	2150 J	1880 J	2100 J	2140 J	2330 J	2210 J	2300 J	4400 J
Chromium	7440-47-3	ug/L	3.3 J	3.5 J	3.5 J	2.6 J	1.5 J	1.0 J	1.6 J	< 2.0 UJ
Chromium(VI) (a)	18540-29-9	ug/L	1 J	1 J	1 J	0.8 J	0.5 J	0.3 J	0.5 J	< 0.6 UJ
Cobalt	7440-48-4	ug/L	0.28 J	0.30 J	0.21 J	R	0.27 J	0.32 J	0.53 J	< 0.50 UJ
Copper	7440-50-8	ug/L	3.5 J	2.8 J	3.1 J	3.5 J	1.5 J	1.7 J	2.6 J	1.9 J
Iron (Fe)	7439-89-6	ug/L	362 J	346 J	341 J	339 J	317 J	390 J	374 J	215 J
Lead	7439-92-1	ug/L	1.4 J	1.7 J	1.3 J	1.4 J	1.1 J	1.1 J	1.3 J	0.21 J
Magnesium (Mg)	7439-95-4	ug/L	1910 J	1920 J	1870 J	1780 J	1830 J	1880 J	1890 J	3320 J
Manganese (Mn)	7439-96-5	ug/L	6.6 J	6.3 J	7.3 J	6.6 J	5.6 J	7.0 J	7.0 J	< 2.0 UJ
Nickel	7440-02-0	ug/L	< 2.0 UJ	< 2.0 UJ	R	< 2.0 UJ	< 2.0 UJ	R	< 2.0 UJ	< 2.0 UJ
Potassium (K)	7440-09-7	ug/L	439 J	433 J	635 J	556 J	559 J	561 J	543 J	1170 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	16100 J	16600 J	16400 J	15900 J	16400 J	17000 J	16600 J	20300 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	1.1 J	1.4 J	1.4 J	1.4 J	1.4 J	1.1 J	0.93 J	0.40 J
Zinc	7440-66-6	ug/L	12.9 J	13.4 J	18.5 J	15.2 J	14.4 J	15.8 J	16.0 J	7.1 J

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD142	CH-SWSD143	CH-SWSD144	CH-SWSD145	CH-SWSD145	CH-SWSD146	CH-SWSD147	CH-SWSD148	
Sample ID		XCH-SWSD142-SW01-LF	XCH-SWSD143-SW01-LF	XCH-SWSD144-SW01-LF	XCH-SWSD145-SW01D-LF	XCH-SWSD145-SW01-LF	XCH-SWSD146-SW01-LF	XCH-SWSD147-SW01-LF	XCH-SWSD148-SW01-LF	
Sample Date		6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/10/2017	6/9/2017	6/9/2017	
Sample Type Code		N	N	N	FD	N	N	N	N	
Parent Sample ID					XCH-SWSD145-SW01-LF					
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	23300 J	23400 J	24500 J	23900 J	24100 J	24100 J	24300 J	25200 J
Metals										
Aluminum	7429-90-5	ug/L	234 J	176 J	226 J	211 J	201 J	223 J	215 J	234 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Barium	7440-39-3	ug/L	19.8 J	19.7 J	18.0 J	19.2 J	19.6 J	23.5 J	18.9 J	18.6 J
Beryllium	7440-41-7	ug/L	< 0.25 UJ	R	< 0.25 UJ	R	R	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	4020 J	4030 J	4390 J	4210 J	4360 J	4180 J	4120 J	4470 J
Chromium	7440-47-3	ug/L	2.2 J	1.2 J	R	2.2 J	R	0.89 J	0.98 J	3.1 J
Chromium(VI) (a)	18540-29-9	ug/L	0.7 J	0.4 J	R	0.7 J	R	0.3 J	0.3 J	0.9 J
Cobalt	7440-48-4	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Copper	7440-50-8	ug/L	2.2 J	2.4 J	1.7 J	2.1 J	1.9 J	1.4 J	2.4 J	2.9 J
Iron (Fe)	7439-89-6	ug/L	244 J	224 J	245 J	240 J	244 J	236 J	257 J	276 J
Lead	7439-92-1	ug/L	0.25 J	0.21 J	< 0.25 UJ	0.23 J	0.19 J	0.11 J	0.21 J	0.22 J
Magnesium (Mg)	7439-95-4	ug/L	3230 J	3230 J	3300 J	3260 J	3200 J	3310 J	3400 J	3420 J
Manganese (Mn)	7439-96-5	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	1.2 J	1.7 J
Nickel	7440-02-0	ug/L	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	1.2 J	1.0 J
Potassium (K)	7440-09-7	ug/L	1130 J	1160 J	1160 J	1120 J	1140 J	1200 J	1210 J	1200 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	19900 J	20000 J	20400 J	19900 J	19900 J	20700 J	22000 J	21800 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	0.54 J	0.49 J	0.47 J	0.67 J	0.55 J	0.55 J	0.48 J	0.46 J
Zinc	7440-66-6	ug/L	7.3 J	7.1 J	6.2 J	6.9 J	6.0 J	8.6 J	R	9.1 J

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Location ID		CH-SWSD149	CH-SWSD150	CH-SWSD150	CH-SWSD151	CH-SWSD151	CH-SWSD152	CH-SWSD152	CH-SWSD153	
Sample ID		XCH-SWSD149-SW01-LF	XCH-SWSD150-SW01-F-LF	XCH-SWSD150-SW01-LF	XCH-SWSD151-SW01-F-LF	XCH-SWSD151-SW01-LF	XCH-SWSD152-SW01-F-LF	XCH-SWSD152-SW01-LF	XCH-SWSD153-SW01-F-LF	
Sample Date		6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	
Sample Type Code		N	N	N	N	N	N	N	N	
Parent Sample ID										
Chemical	CAS	Units								
General Chemistry										
Total hardness	HARDNESS	ug/L	24000 J	34700 J	37800 J	35500 J	37900 J	36000 J	36700 J	32100 J
Metals										
Aluminum	7429-90-5	ug/L	215 J	< 200 UJ	158 J	1090 J	1490 J	754 J	742 J	207 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	< 2.0 UJ	0.81 J	0.90 J	2.3 J	2.7 J	1.8 J	1.4 J	2.0 J
Barium	7440-39-3	ug/L	20.4 J	25.6 J	29.5 J	45.5 J	53.4 J	36.3 J	34.1 J	34.9 J
Beryllium	7440-41-7	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	0.17 J	0.22 J	0.11 J	0.12 J	< 0.25 UJ
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	4250 J	8550 J	9590 J	5510 J	6110 J	5940 J	6270 J	7360 J
Chromium	7440-47-3	ug/L	1.4 J	R	1.1 J	4.5 J	5.0 J	R	4.0 J	R
Chromium(VI) (a)	18540-29-9	ug/L	0.4 J	R	0.3 J	1 J	2 J	R	1 J	R
Cobalt	7440-48-4	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	3.6 J	4.2 J	2.2 J	2.2 J	3.4 J
Copper	7440-50-8	ug/L	1.6 J	1.9 J	2.7 J	5.1 J	4.5 J	3.6 J	3.7 J	2.7 J
Iron (Fe)	7439-89-6	ug/L	403 J	769 J	1050 J	9280 J	16900 J	5590 J	6020 J	4790 J
Lead	7439-92-1	ug/L	0.16 J	0.49 J	2.5 J	1.6 J	2.7 J	1.8 J	1.9 J	2.7 J
Magnesium (Mg)	7439-95-4	ug/L	3250 J	3240 J	3370 J	5280 J	5500 J	5140 J	5120 J	3340 J
Manganese (Mn)	7439-96-5	ug/L	1.8 J	1.0 J	2.0 J	316 J	337 J	319 J	311 J	437 J
Nickel	7440-02-0	ug/L	R	< 2.0 UJ	1.3 J	5.5 J	6.3 J	3.5 J	3.1 J	1.4 J
Potassium (K)	7440-09-7	ug/L	1170 J	1680 J	1780 J	2370 J	2600 J	1430 J	1460 J	2100 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	0.55 J	0.76 J	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	20700 J	20600 J	21700 J	40300 J	40800 J	35700 J	35900 J	21800 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	0.37 J	0.47 J	0.84 J	1.3 J	3.4 J	0.90 J	0.91 J	1.0 J
Zinc	7440-66-6	ug/L	6.7 J	< 7.5 UJ	5.7 J	31.6 J	30.0 J	22.2 J	16.6 J	4.2 J

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD153	CH-SWSD154	CH-SWSD154	CH-SWSD155	CH-SWSD155
		Sample ID	XCH-SWSD153-SW01-LF	XCH-SWSD154-SW01-F-LF	XCH-SWSD154-SW01-LF	XCH-SWSD155-SW01-F-LF	XCH-SWSD155-SW01-LF
		Sample Date	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017
		Sample Type Code	N	N	N	N	N
		Parent Sample ID					
Chemical	CAS	Units					
General Chemistry							
Total hardness	HARDNESS	ug/L	32000 J	33900 J	30500 J	34200 J	32500 J
Metals							
Aluminum	7429-90-5	ug/L	273 J	196 J	178 J	227 J	234 J
Antimony	7440-36-0	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Arsenic	7440-38-2	ug/L	2.4 J	1.4 J	1.1 J	1.1 J	1.1 J
Barium	7440-39-3	ug/L	38.4 J	26.7 J	29.9 J	30.5 J	25.5 J
Beryllium	7440-41-7	ug/L	0.078 J	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Cadmium	7440-43-9	ug/L	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
Calcium (Ca)	7440-70-2	ug/L	7280 J	7770 J	6820 J	7930 J	7370 J
Chromium	7440-47-3	ug/L	1.1 J	R	1.2 J	R	1.2 J
Chromium(VI) (a)	18540-29-9	ug/L	0.3 J	R	0.4 J	R	0.4 J
Cobalt	7440-48-4	ug/L	0.58 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	1.9 J
Copper	7440-50-8	ug/L	3.0 J	2.3 J	1.6 J	2.3 J	2.0 J
Iron (Fe)	7439-89-6	ug/L	7500 J	3490 J	3430 J	5080 J	4900 J
Lead	7439-92-1	ug/L	4.0 J	0.79 J	1.0 J	3.7 J	4.6 J
Magnesium (Mg)	7439-95-4	ug/L	3370 J	3510 J	3280 J	3490 J	3430 J
Manganese (Mn)	7439-96-5	ug/L	123 J	2.9 J	2.9 J	2.5 J	277 J
Nickel	7440-02-0	ug/L	1.8 J	1.2 J	1.3 J	1.4 J	1.4 J
Potassium (K)	7440-09-7	ug/L	2180 J	2050 J	1880 J	2050 J	2050 J
Selenium	7782-49-2	ug/L	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
Silver	7440-22-4	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Sodium (Na)	7440-23-5	ug/L	21500 J	22100 J	20200 J	20700 J	20900 J
Thallium	7440-28-0	ug/L	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ
Vanadium	7440-62-2	ug/L	2.0 J	0.74 J	0.70 J	1.2 J	0.95 J
Zinc	7440-66-6	ug/L	8.2 J	4.7 J	< 7.5 UJ	6.6 J	< 7.5 UJ

Appendix B2 Table 13
Analytical Data Summary Tables - Phase III Lab Filtered Surface Water
Camp Hero Remedial Investigation
Montauk, New York

Notes:

< - Result not detected above the limit of detection.

CAS - Chemical Abstracts Service.

D - dissolved fraction.

FD - Field duplicate.

J - The analyte was positively identified; the associated numerical value is an estimated quantity with an unknown bias

LF - Lab Filtered.

N - Normal sample.

R - The result is rejected and not usable.

ug/l - microgram per liter.

U - The analyte was not detected above the limit of detection.

UJ - The analyte was not detected above the reported limit of detection. However, the reported limit of detection is approximate and may or may not represent the actual limit of detection necessary to accurately and precisely measure the analyte in the sample.

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID	Sample ID	Sample Date	Sample Type Code	Parent Sample ID	CH-SWSD001	CH-SWSD002	CH-SWSD003	CH-SWSD004	CH-SWSD005	CH-SWSD006	CH-SWSD007	CH-SWSD008
					CH-SWSD001-SE01	CH-SWSD002-SE01	CH-SWSD003-SE01	CH-SWSD004-SE01	CH-SWSD005-SE01	CH-SWSD006-SE01	CH-SWSD007-SE01	CH-SWSD008-SE01
					6/8/2017	6/8/2017	6/8/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/10/2017
					N	N	N	N	N	N	N	N
Chemical	CAS	Units										
General Chemistry												
Oxidation Reduction Potential	ORP	mV			373	444	423	325	318	331	317	314
pH	PH	std units			5.79	4.09	5.80	6.12	6.24	6.41	6.52	5.99
Metals												
Aluminum	7429-90-5	mg/kg			3480	8200	11600	1550	2220	2560	2080	7510
Antimony	7440-36-0	mg/kg			< 0.351 U	0.486 J	< 0.156 U	< 0.287 U	< 0.170 U	< 0.213 U	< 0.232 U	< 0.195 U
Arsenic	7440-38-2	mg/kg			0.833 J	1.32 J	1.73	1.87	20.9	5.39	8.93	1.50
Barium	7440-39-3	mg/kg			31.7	60.4	59.0	11.0	14.7	15.1	21.7	14.5
Beryllium	7440-41-7	mg/kg			0.285 J	0.908	0.513	0.0742 J	0.106 J	0.105 J	0.111 J	0.499
Cadmium	7440-43-9	mg/kg			0.0877 J	0.281 J	< 0.0778 U	0.0865 J	0.0707 J	< 0.107 U	< 0.116 U	0.0679 J
Calcium (Ca)	7440-70-2	mg/kg			985	361	818	482	494	315	285	539
Chromium	7440-47-3	mg/kg			4.63	5.94	19.4	4.15	4.74	3.74	6.20	6.66
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg			3.7	4.9	19.4	4.2	4.7	3.7	5.4	6.7
Chromium(VI) (b)	18540-29-9	mg/kg			—	—	—	—	—	—	—	—
Chromium(VI)	18540-29-9	mg/kg			0.96 J+	1.1 J+	< 0.46 U	< 0.59 U	< 0.47 U	< 0.52 U	0.83	< 0.76 U
Cobalt	7440-48-4	mg/kg			1.02	0.779	3.92	2.48	5.86	4.23	2.15	0.558
Copper	7440-50-8	mg/kg			3.55	16.7	9.69	1.55	2.75	2.79	3.10	1.73
Iron (Fe)	7439-89-6	mg/kg			1840	669	10900	2920	6210	4360	27500	2410
Lead	7439-92-1	mg/kg			7.34	23.7	4.96	1.59	1.48	1.18	1.10	4.19
Magnesium (Mg)	7439-95-4	mg/kg			760	244	3160	446	611	783	597	571
Manganese (Mn)	7439-96-5	mg/kg			27.5	11.2	136	38.9	43.6	42.7	118	27.9
Mercury	7439-97-6	mg/kg			< 0.0310 U	< 0.0428 U	< 0.0182 U	< 0.0237 U	< 0.0184 U	0.0138 J	< 0.0188 U	0.0276 J
Nickel	7440-02-0	mg/kg			2.48	4.32	9.88	4.24	6.78	4.45	3.55	1.88
Potassium (K)	7440-09-7	mg/kg			403	338	2190	239	335	381	406	294
Selenium	7782-49-2	mg/kg			0.257 J	1.77 J	0.109 J	0.173 J	0.184 J	0.148 J	< 0.232 U	1.18
Silver	7440-22-4	mg/kg			< 0.0877 U	0.0942 J	< 0.0389 U	< 0.0719 U	< 0.0426 U	< 0.0533 U	< 0.0579 U	0.0296 J
Sodium (Na)	7440-23-5	mg/kg			177	202	117	59.2 J	72.4	65.0 J	40.5 J	92.2
Thallium	7440-28-0	mg/kg			< 0.0877 U	< 0.113 U	0.175	0.0638 J	0.571	0.0520 J	0.0521 J	0.112 J
Vanadium	7440-62-2	mg/kg			7.96	14.6	27.9	5.41	5.35	5.12	6.70	10.8
Zinc	7440-66-6	mg/kg			15.9	14.9	26.6	8.38 J	13.1	11.3	10.6	5.57 J
PCBs												
Aroclor 1016	12674-11-2	mg/kg			—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg			—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg			—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg			—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg			—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg			—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg			—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg			—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg			—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg			—	—	—	—	—	—	—	—
SVOCs												
1,4-Dichlorobenzene	106-46-7	mg/kg			< 0.067 U	< 0.45 U	< 0.039 U	< 0.050 U	< 0.038 U	< 0.041 U	< 0.040 U	< 0.063 U
1-Methylnaphthalene	90-12-0	mg/kg			< 0.0027 U	0.0020 J	< 0.0015 U	< 0.0020 U	0.00088 J	< 0.0016 U	< 0.0016 U	< 0.0025 U
2-Chloronaphthalene	91-58-7	mg/kg			< 0.027 U	< 0.18 U	< 0.015 U	< 0.020 U	< 0.015 U	< 0.016 U	< 0.016 U	< 0.025 U
2-Methylnaphthalene	91-57-6	mg/kg			< 0.0027 U	0.0026 J	0.00095 J	0.0010 J	0.0019 J	0.00092 J	< 0.0016 U	< 0.0025 U
2-Methylphenol	95-48-7	mg/kg			< 0.067 U	< 0.45 U	< 0.039 U	< 0.050 U	< 0.038 U	< 0.041 U	< 0.040 U	< 0.063 U
3,4-Methylphenol	108394/106445	mg/kg			< 0.067 U	< 0.45 U	< 0.039 U	< 0.050 U	< 0.038 U	< 0.041 U	< 0.040 U	< 0.063 U
4-Chloro-3-methylphenol	59-50-7	mg/kg			< 0.067 U	< 0.45 U	< 0.039 U	< 0.050 U	< 0.038 U	< 0.041 U	< 0.040 U	< 0.063 U
4-Chloroaniline	106-47-8	mg/kg			< 0.13 U	< 0.90 U	< 0.077 U	< 0.10 U	< 0.075 U	< 0.082 U	< 0.079 U	< 0.13 U
Acenaphthene	83-32-9	mg/kg			< 0.0027 U	< 0.0036 U	< 0.0015 U	< 0.0020 U	< 0.0015 U	< 0.0016 U	< 0.0016 U	< 0.0025 U
Acenaphthylene	208-96-8	mg/kg			< 0.0027 U	0.0021 J	< 0.0015 U	< 0.0020 U	< 0.0015 U	< 0.0016 U	0.00051 J	< 0.0025 U
Anthracene	120-12-7	mg/kg			0.0011 J	0.0032 J	< 0.0015 U	0.00078 J	0.00052 J	< 0.0016 U	0.00063 J	< 0.0025 U

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD001 CH-SWSD001-SE01 6/8/2017 N	CH-SWSD002 CH-SWSD002-SE01 6/8/2017 N	CH-SWSD003 CH-SWSD003-SE01 6/8/2017 N	CH-SWSD004 CH-SWSD004-SE01 6/9/2017 N	CH-SWSD005 CH-SWSD005-SE01 6/9/2017 N	CH-SWSD006 CH-SWSD006-SE01 6/9/2017 N	CH-SWSD007 CH-SWSD007-SE01 6/9/2017 N	CH-SWSD008 CH-SWSD008-SE01 6/10/2017 N
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 0.27 U	< 1.8 U	< 0.15 U	< 0.20 U	< 0.15 U	< 0.16 U	< 0.16 U	< 0.25 U
Benzo(a)anthracene	56-55-3	mg/kg	0.0047	0.014	0.00092 J	0.0021 J	0.0011 J	< 0.0016 U	0.0026	< 0.0025 U
Benzo(a)pyrene	50-32-8	mg/kg	0.0058	0.017	0.0010 J	0.0023 J	0.0012 J	< 0.0016 U	0.0024	< 0.0025 U
Benzo(b)fluoranthene	205-99-2	mg/kg	0.011	0.037	0.0014 J	0.0031	0.0019	< 0.0016 U	0.0049	0.0013 J
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.0025 J	0.0066	< 0.0015 U	0.0011 J	< 0.0015 U	< 0.0016 U	0.00082 J	< 0.0025 U
Benzo(k)fluoranthene	207-08-9	mg/kg	0.0077	0.052	0.0012 J	0.0033	0.0015 J	< 0.0016 U	0.0026	0.0052
Benzoic acid	65-85-0	mg/kg	< 1.0 U	< 6.7 U	< 0.58 U	< 0.75 U	< 0.56 U	< 0.62 U	< 0.60 U	0.38 J
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.067 U	< 0.45 U	< 0.039 U	< 0.050 U	< 0.038 U	< 0.041 U	< 0.040 U	< 0.063 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.27 U	< 1.8 U	< 0.15 U	< 0.20 U	< 0.15 U	< 0.16 U	< 0.16 U	< 0.25 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.27 U	< 1.8 U	< 0.15 U	< 0.20 U	< 0.15 U	< 0.16 U	< 0.16 U	< 0.25 U
Caprolactam	105-60-2	mg/kg	< 0.27 U	< 1.8 U	< 0.15 U	< 0.20 U	< 0.15 U	< 0.16 U	< 0.16 U	< 0.25 U
CARBAZOLE	86-74-8	mg/kg	< 0.067 U	< 0.45 U	< 0.039 U	< 0.050 U	< 0.038 U	< 0.041 U	< 0.040 U	< 0.063 U
Chrysene	218-01-9	mg/kg	0.0076	0.027	0.0013 J	0.0025	0.0013 J	0.00042 J	0.0047	0.0011 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.0027 U	0.0032 J	< 0.0015 U	< 0.0020 U	< 0.0015 U	< 0.0016 U	< 0.0016 U	< 0.0025 U
Dibenzofuran	132-64-9	mg/kg	< 0.067 U	< 0.45 U	< 0.039 U	< 0.050 U	< 0.038 U	< 0.041 U	< 0.040 U	< 0.063 U
Diethyl phthalate	84-66-2	mg/kg	< 0.27 U	< 1.8 U	< 0.15 U	< 0.20 U	< 0.15 U	< 0.16 U	< 0.16 U	< 0.25 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.27 U	< 1.8 U	< 0.15 U	< 0.20 U	< 0.15 U	< 0.16 U	< 0.16 U	< 0.25 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.27 U	< 1.8 U	< 0.15 U	< 0.20 U	< 0.15 U	< 0.16 U	< 0.16 U	< 0.25 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.27 U	< 1.8 U	< 0.15 U	< 0.20 U	< 0.15 U	< 0.16 U	< 0.16 U	< 0.25 U
Fluoranthene	206-44-0	mg/kg	0.014	0.034	0.0022	0.0057	0.0032	0.00083 J	0.010	< 0.0025 U
Fluorene	86-73-7	mg/kg	0.0041	0.033	0.0013 J	0.0029	0.0015 J	0.0010 J	0.00094 J	0.0035
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.0027 J	0.0075	< 0.0015 U	0.0012 J	< 0.0015 U	< 0.0016 U	0.00091 J	< 0.0025 U
Naphthalene	91-20-3	mg/kg	< 0.0027 U	0.0034 J	< 0.0015 U	0.0021 J	0.0057	0.0022	< 0.0016 U	< 0.0025 U
Phenanthrene	85-01-8	mg/kg	0.0071	0.021	0.0013 J	0.0033	0.0019	< 0.0016 U	0.0012 J	< 0.0025 U
Pyrene	129-00-0	mg/kg	0.012	0.052	0.0023	0.0046	0.0025	0.00078 J	0.0088	0.00085 J
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.0081	0.027	0.0015	0.0031	0.0018	0.0037	0.0034	0.00043
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	0.057	0.22	0.012	0.021	0.013	0.0054	0.029	0.014
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	0.032	0.10	0.012	0.018	0.017	0.0095	0.017	0.024
Total PAHs Calculated	CALC-PAH	mg/kg	0.091	0.32	0.023	0.040	0.030	0.016	0.045	0.026
TOC										
Total Organic Carbon	TOC	mg/kg	25300	211000	2640	4910	2730	2660	4370	25600 J

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD009 CH-SWSD009-SE01 6/10/2017 N	CH-SWSD010 CH-SWSD010-SE01 6/10/2017 N	CH-SWSD010 CH-SWSD010-SE01D 6/10/2017 FD CH-SWSD010-SE01	CH-SWSD011 CH-SWSD011-SE01 6/10/2017 N	CH-SWSD012 CH-SWSD012-SE01 6/10/2017 N	CH-SWSD013 CH-SWSD013-SE01 6/10/2017 N	CH-SWSD014 CH-SWSD014-SE01 6/10/2017 N	CH-SWSD015 CH-SWSD015-SE01 6/10/2017 N
Chemical	CAS	Units								
General Chemistry										
Oxidation Reduction Potential	ORP	mV	338	361	354	442	383	407	295	288
pH	PH	std units	5.78	5.51	5.46	4.92	5.02	4.92	6.13	6.30
Metals										
Aluminum	7429-90-5	mg/kg	17300	18600 J	10800 J	3170	1210	1040	3110	4440
Antimony	7440-36-0	mg/kg	0.179 J	0.260 J	0.214 J	< 0.265 U	< 0.211 U	< 0.273 U	< 0.186 U	< 0.293 U
Arsenic	7440-38-2	mg/kg	3.42	2.34	2.14	1.21	0.646 J	0.387 J	1.13	1.77
Barium	7440-39-3	mg/kg	40.1	75.3 J	52.8 J	29.8	7.53	8.40	17.8	31.2
Beryllium	7440-41-7	mg/kg	0.746	0.800 J	0.548 J	0.179 J	0.0393 J	< 0.0683 U	0.233	0.444
Cadmium	7440-43-9	mg/kg	0.0797 J	0.360	0.265	0.0593 J	< 0.106 U	< 0.137 U	0.0777 J	0.256 J
Calcium (Ca)	7440-70-2	mg/kg	1070	1340 J	865 J	769	304	597	940	1520
Chromium	7440-47-3	mg/kg	18.1	20.5 J	10.7 J	5.51	1.92	1.40	5.31	6.85
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	18.1	20.5 J	10.7 J	4.4	1.1	1.4	5.3	6.8
Chromium(VI) (b)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—
Chromium(VI)	18540-29-9	mg/kg	< 0.93 U	< 1.1 U	< 0.98 U	1.1	0.82	< 0.58 U	< 0.60 U	< 0.76 U
Cobalt	7440-48-4	mg/kg	2.36	3.87 J	1.88 J	0.332	0.230	0.200 J	2.54	3.77
Copper	7440-50-8	mg/kg	5.14	13.9	10.9	3.12	0.828 J	1.23	2.61	5.16
Iron (Fe)	7439-89-6	mg/kg	11900	10800 J	4920 J	3950	838	870	3850	4660
Lead	7439-92-1	mg/kg	13.9	56.2	42.7	3.11	2.49	3.02	3.96	6.79
Magnesium (Mg)	7439-95-4	mg/kg	1650	2890 J	1200 J	250	193	212	839	1150
Manganese (Mn)	7439-96-5	mg/kg	61.7	110 J	46.6 J	42.4	33.3	21.4	59.0	86.5
Mercury	7439-97-6	mg/kg	0.0822 J	0.0912 J	0.0703 J	< 0.0235 U	0.0171 J	< 0.0238 U	< 0.0250 U	0.0255 J
Nickel	7440-02-0	mg/kg	6.96	11.7 J	6.08 J	1.26	0.837 J	0.678 J	4.01	5.81
Potassium (K)	7440-09-7	mg/kg	728	1420 J	768 J	463	227	307	452	579
Selenium	7782-49-2	mg/kg	1.27	0.873 J	0.762 J	1.10	0.111 J	< 0.273 U	0.189 J	0.428 J
Silver	7440-22-4	mg/kg	0.0505 J	0.0489 J	0.0561 J	0.0344 J	< 0.0528 U	< 0.0683 U	< 0.0465 U	< 0.0732 U
Sodium (Na)	7440-23-5	mg/kg	150	215	165	174	97.8	130	108	191
Thallium	7440-28-0	mg/kg	0.310	0.245 J	0.168 J	0.0693 J	0.0321 J	< 0.0683 U	0.0416 J	0.0948 J
Vanadium	7440-62-2	mg/kg	34.0	28.3 J	18.2 J	5.17	2.43	2.04	7.55	11.8
Zinc	7440-66-6	mg/kg	21.3	58.2 J	35.5 J	12.9	5.56 J	6.75 J	19.1	44.8
PCBs										
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—
SVOCs										
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.079 U	< 0.085 U	< 0.080 U	< 0.048 U	< 0.050 U	< 0.049 U	< 0.051 U	< 0.060 U
1-Methylnaphthalene	90-12-0	mg/kg	< 0.0032 U	0.020 J	< 0.016 UJ	< 0.0019 U	< 0.0020 U	< 0.0020 U	0.026 J	0.068
2-Chloronaphthalene	91-58-7	mg/kg	< 0.032 U	< 0.034 U	< 0.032 U	< 0.019 U	< 0.020 U	< 0.020 U	< 0.020 U	< 0.024 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.0032 U	0.019 J	< 0.016 UJ	< 0.0019 U	0.0015 J	< 0.0020 U	0.017 J	0.12
2-Methylphenol	95-48-7	mg/kg	< 0.079 U	< 0.085 U	< 0.080 U	< 0.048 U	< 0.050 U	< 0.049 U	< 0.051 U	< 0.060 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.079 U	0.045 J	0.044 J	< 0.048 U	< 0.050 U	< 0.049 U	< 0.051 U	< 0.060 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.079 U	< 0.085 U	< 0.080 U	< 0.048 U	< 0.050 U	< 0.049 U	< 0.051 U	< 0.060 U
4-Chloroaniline	106-47-8	mg/kg	< 0.16 U	< 0.17 U	< 0.16 U	< 0.096 U	< 0.099 U	< 0.098 U	< 0.10 U	< 0.12 U
Acenaphthene	83-32-9	mg/kg	0.0027 J	0.074 J	0.024 J	< 0.0019 U	< 0.0020 U	< 0.0020 U	0.22	0.0098
Acenaphthylene	208-96-8	mg/kg	0.0012 J	0.025 J	0.020 J	< 0.0019 U	< 0.0020 U	< 0.0020 U	0.014 J	0.023
Anthracene	120-12-7	mg/kg	0.0051	0.20 J	0.061 J	< 0.0019 U	< 0.0020 U	< 0.0020 U	0.61	0.020

Notes provided on the last page of tables.

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD009 CH-SWSD009-SE01 6/10/2017 N	CH-SWSD010 CH-SWSD010-SE01 6/10/2017 N	CH-SWSD010 CH-SWSD010-SE01D 6/10/2017 FD CH-SWSD010-SE01	CH-SWSD011 CH-SWSD011-SE01 6/10/2017 N	CH-SWSD012 CH-SWSD012-SE01 6/10/2017 N	CH-SWSD013 CH-SWSD013-SE01 6/10/2017 N	CH-SWSD014 CH-SWSD014-SE01 6/10/2017 N	CH-SWSD015 CH-SWSD015-SE01 6/10/2017 N
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 0.32 U	< 0.34 U	< 0.32 U	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.24 U
Benzo(a)anthracene	56-55-3	mg/kg	0.017	0.80 J	0.32 J	< 0.0019 U	0.0011 J	0.0015 J	1.1	0.023
Benzo(a)pyrene	50-32-8	mg/kg	0.018	0.93 J	0.39 J	< 0.0019 U	0.0016 J	0.0023 J	0.98	0.020
Benzo(b)fluoranthene	205-99-2	mg/kg	0.033	1.3 J	0.55 J	0.0012 J	0.0034	0.0043	1.3	0.040
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.0055	0.58 J	0.24 J	< 0.0019 U	< 0.0020 U	< 0.0020 U	0.52	0.0056
Benzo(k)fluoranthene	207-08-9	mg/kg	0.021	0.57 J	0.23 J	0.0040	0.015	0.010	0.54	0.042
Benzoic acid	65-85-0	mg/kg	< 1.2 U	< 1.3 U	< 1.2 U	< 0.72 U	< 0.74 U	< 0.73 U	< 0.76 U	< 0.89 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.079 U	< 0.085 U	< 0.080 U	< 0.048 U	< 0.050 U	< 0.049 U	< 0.051 U	< 0.060 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.32 U	< 0.34 U	< 0.32 U	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.24 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.32 U	< 0.34 U	< 0.32 U	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.24 U
Caprolactam	105-60-2	mg/kg	< 0.32 U	< 0.34 U	< 0.32 U	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.24 U
CARBAZOLE	86-74-8	mg/kg	< 0.079 U	0.11 J	< 0.080 UJ	< 0.048 U	< 0.050 U	< 0.049 U	0.11	< 0.060 U
Chrysene	218-01-9	mg/kg	0.021	0.99 J	0.36 J	0.0016 J	0.0020 J	0.0025	1.1	0.036
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.0021 J	0.17 J	0.078 J	< 0.0019 U	< 0.0020 U	< 0.0020 U	0.17	0.0027 J
Dibenzofuran	132-64-9	mg/kg	< 0.079 U	< 0.085 U	< 0.080 U	< 0.048 U	< 0.050 U	< 0.049 U	0.13	< 0.060 U
Diethyl phthalate	84-66-2	mg/kg	< 0.32 U	< 0.34 U	< 0.32 U	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.24 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.32 U	< 0.34 U	< 0.32 U	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.24 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.32 U	< 0.34 U	< 0.32 U	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.24 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.32 U	< 0.34 U	< 0.32 U	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.24 U
Fluoranthene	206-44-0	mg/kg	0.045	1.9 J	0.66 J	0.0014 J	0.0029	0.0031	2.8	0.12
Fluorene	86-73-7	mg/kg	0.0058	0.077 J	0.026 J	0.0026	0.0054	0.0030	0.32	0.034
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.0064	0.59 J	0.24 J	< 0.0019 U	< 0.0020 U	0.0011 J	0.54	0.0070
Naphthalene	91-20-3	mg/kg	0.0019 J	0.037 J	0.014 J	< 0.0019 U	0.0049	0.0031	0.010 J	0.30
Phenanthrene	85-01-8	mg/kg	0.032	0.95 J	0.32 J	< 0.0019 U	0.0021 J	0.0024 J	2.8	0.063
Pyrene	129-00-0	mg/kg	0.044	1.6 J	0.62 J	0.0020 J	0.0040	0.0045	2.2	0.12
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.026	1.4	0.58	0.00038	0.0027	0.0033	1.5	0.030
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	0.17	7.5	3.0	0.016	0.031	0.029	8.5	0.30
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	0.097	3.3	1.2	0.014	0.023	0.022	6.8	0.76
Total PAHs Calculated	CALC-PAH	mg/kg	0.27	11	4.2	0.030	0.054	0.047	15	1.1
TOC										
Total Organic Carbon	TOC	mg/kg	68600	83500 J	58400 J	41700	15500	10600	8510	30900

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID		CH-SWSD016 CH-SWSD016-SE01 6/8/2017 N	CH-SWSD017 CH-SWSD017-SE01 6/8/2017 N	CH-SWSD018 CH-SWSD018-SE01 6/8/2017 N	CH-SWSD019 CH-SWSD019-SE01 6/8/2017 N	CH-SWSD020 CH-SWSD020-SE01 6/8/2017 N	CH-SWSD021 CH-SWSD021-SE01 6/8/2017 N	CH-SWSD022 CH-SWSD022-SE01 6/8/2017 N	CH-SWSD023 CH-SWSD023-SE01 6/8/2017 N	
Chemical	CAS	Units								
General Chemistry										
Oxidation Reduction Potential	ORP	mV	446	357	331	408	408	430	442	475
pH	PH	std units	5.36	5.90	5.97	5.70	5.56	5.69	4.48	3.57
Metals										
Aluminum	7429-90-5	mg/kg	2380	2170	2330	4480	4300 J	3120	5630	3520
Antimony	7440-36-0	mg/kg	< 0.226 U	< 0.280 U	< 0.236 U	< 0.363 U	< 0.302 U	< 0.373 U	< 0.237 U	< 1.09 U
Arsenic	7440-38-2	mg/kg	1.25	0.993 J	0.680 J	1.16 J	0.988 J	0.853 J	1.58	1.00 J
Barium	7440-39-3	mg/kg	11.0	14.2	13.4	29.8	32.2 J	20.9	16.6	70.7
Beryllium	7440-41-7	mg/kg	0.185 J	0.106 J	0.131 J	0.450	0.374 J	0.164 J	0.170 J	0.155 J
Cadmium	7440-43-9	mg/kg	< 0.113 U	< 0.140 U	0.0457 J	0.0901 J	0.143 J	0.0842 J	< 0.118 U	< 0.545 U
Calcium (Ca)	7440-70-2	mg/kg	736	472	432	712	797 J	499	280	2470
Chromium	7440-47-3	mg/kg	3.06	3.70	3.54	5.03	5.79 J	4.61	8.18	4.55
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	3.1	3.7	3.5	5.0	5.8	4.6	6.6	4.6
Chromium(VI) (b)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—
Chromium(VI)	18540-29-9	mg/kg	< 0.57 U	< 0.60 U	< 0.62 U	< 1.1 U	< 0.89 UJ	< 0.83 U	1.6 J+	< 2.3 U
Cobalt	7440-48-4	mg/kg	0.724	0.710	0.734	1.57	1.93 J	0.785	1.38	0.705 J
Copper	7440-50-8	mg/kg	1.03	1.37	1.88	4.77	6.08 J	3.16	3.10	8.86
Iron (Fe)	7439-89-6	mg/kg	1320	1470	1480	2410	2860 J	1370	6130	2180
Lead	7439-92-1	mg/kg	2.08	2.43	2.40	5.52	5.68 J	3.94	3.46	4.42
Magnesium (Mg)	7439-95-4	mg/kg	397	508	484	855	1020 J	529	946	1180
Manganese (Mn)	7439-96-5	mg/kg	27.1 J+	26.3 J+	23.3 J+	33.0	48.2 J	22.5	40.1	17.9
Mercury	7439-97-6	mg/kg	< 0.0230 U	< 0.0250 U	0.0165 J	< 0.0400 U	0.0245 J	< 0.0314 U	< 0.0203 U	0.0680 J
Nickel	7440-02-0	mg/kg	1.75	2.04	2.10	4.18	4.59 J	2.38	4.11	2.73 J
Potassium (K)	7440-09-7	mg/kg	223	317	251	463	498 J	419	667	563
Selenium	7782-49-2	mg/kg	0.125 J	0.216 J	0.161 J	0.318 J	0.289 J	0.240 J	0.112 J	1.00 J
Silver	7440-22-4	mg/kg	< 0.0566 U	< 0.0700 U	< 0.0589 U	< 0.0908 U	< 0.0754 U	< 0.0932 U	< 0.0591 U	< 0.272 U
Sodium (Na)	7440-23-5	mg/kg	149	103 J	87.8 J	189	153 J	220	65.3 J	718
Thallium	7440-28-0	mg/kg	< 0.0566 U	< 0.0700 U	< 0.0589 U	0.0661 J	0.0775 J	< 0.0932 U	0.0662 J	< 0.272 U
Vanadium	7440-62-2	mg/kg	3.65	4.77	4.15	7.96	8.84 J	6.12	12.5	7.58
Zinc	7440-66-6	mg/kg	8.40	8.60	8.86	20.3	31.4 J	16.5	10.2	22.3 J
PCBs										
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—
SVOCs										
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.049 U	< 0.049 U	< 0.053 U	< 0.086 U	< 0.073 U	< 0.066 U	< 0.042 U	< 0.19 U
1-Methylnaphthalene	90-12-0	mg/kg	1.1	1.5	0.45	0.14	0.25	0.47	0.0017 J	0.027 J
2-Chloronaphthalene	91-58-7	mg/kg	< 0.020 U	< 0.020 U	< 0.021 U	< 0.035 U	< 0.029 U	< 0.027 U	< 0.017 U	< 0.077 U
2-Methylnaphthalene	91-57-6	mg/kg	1.5	2.0	0.37	0.27	0.39	0.75	0.0023	0.027 J
2-Methylphenol	95-48-7	mg/kg	< 0.049 U	< 0.049 U	< 0.053 U	< 0.086 U	< 0.073 U	< 0.066 U	< 0.042 U	< 0.19 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.049 U	< 0.049 U	< 0.053 U	< 0.086 U	< 0.073 U	< 0.066 U	< 0.042 U	< 0.19 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.049 U	< 0.049 U	< 0.053 U	< 0.086 U	< 0.073 U	< 0.066 U	< 0.042 U	< 0.19 U
4-Chloroaniline	106-47-8	mg/kg	< 0.098 U	< 0.099 U	< 0.11 U	< 0.17 U	< 0.15 U	< 0.13 U	< 0.084 U	< 0.39 U
Acenaphthene	83-32-9	mg/kg	2.3	2.1	0.94	0.53	0.72	0.90	0.0040	0.055 J
Acenaphthylene	208-96-8	mg/kg	0.24	0.14	0.45	0.32	0.18	0.29	0.020	0.14
Anthracene	120-12-7	mg/kg	0.56	0.40	0.73	0.41	0.43	0.52	0.033	0.16

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD016 CH-SWSD016-SE01 6/8/2017 N	CH-SWSD017 CH-SWSD017-SE01 6/8/2017 N	CH-SWSD018 CH-SWSD018-SE01 6/8/2017 N	CH-SWSD019 CH-SWSD019-SE01 6/8/2017 N	CH-SWSD020 CH-SWSD020-SE01 6/8/2017 N	CH-SWSD021 CH-SWSD021-SE01 6/8/2017 N	CH-SWSD022 CH-SWSD022-SE01 6/8/2017 N	CH-SWSD023 CH-SWSD023-SE01 6/8/2017 N
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 0.20 U	< 0.20 U	< 0.21 U	< 0.35 U	< 0.29 U	< 0.27 U	< 0.17 U	< 0.77 U
Benzo(a)anthracene	56-55-3	mg/kg	1.4	0.53	0.89	1.1	1.1	1.2	0.088	0.43
Benzo(a)pyrene	50-32-8	mg/kg	0.99	0.30	0.60	0.82	0.88	0.72	0.059	0.38
Benzo(b)fluoranthene	205-99-2	mg/kg	1.5	0.55	1.8	1.8	1.9	1.6	0.20	0.93
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.42	0.15	0.41	0.41	0.44	0.38	0.021	0.23
Benzo(k)fluoranthene	207-08-9	mg/kg	0.80	0.28	0.87	1.0	0.77	0.87	0.099	0.46
Benzoic acid	65-85-0	mg/kg	< 0.73 U	< 0.74 U	< 0.79 U	< 1.3 U	< 1.1 U	< 1.0 U	0.30 J	< 2.9 U
Biphenyl, 1,1'-	92-52-4	mg/kg	0.47	0.62	0.22	0.074 J	0.16	0.26	< 0.042 U	< 0.19 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.20 U	< 0.20 U	< 0.21 U	< 0.35 U	< 0.29 U	< 0.27 U	< 0.17 U	< 0.77 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.20 U	< 0.20 U	< 0.21 U	< 0.35 U	< 0.29 U	< 0.27 U	< 0.17 U	< 0.77 U
Caprolactam	105-60-2	mg/kg	< 0.20 U	< 0.20 U	< 0.21 U	< 0.35 U	< 0.29 U	< 0.27 U	< 0.17 U	< 0.77 U
CARBAZOLE	86-74-8	mg/kg	0.72	0.78	0.74	0.20	0.21	0.18	0.023 J	0.14 J
Chrysene	218-01-9	mg/kg	1.2	0.66	2.4	1.6	1.5	2.0	0.12	0.79
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.15	0.049	0.11	0.14	0.14	0.14	0.0084	0.083 J
Dibenzofuran	132-64-9	mg/kg	2.4	1.9	0.89	0.48	0.69	0.89	< 0.042 U	< 0.19 U
Diethyl phthalate	84-66-2	mg/kg	< 0.20 U	< 0.20 U	< 0.21 U	< 0.35 U	< 0.29 U	< 0.27 U	< 0.17 U	< 0.77 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.20 U	< 0.20 U	< 0.21 U	< 0.35 U	< 0.29 U	< 0.27 U	< 0.17 U	< 0.77 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.20 U	< 0.20 U	< 0.21 U	< 0.35 U	< 0.29 U	< 0.27 U	< 0.17 U	< 0.77 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.20 U	< 0.20 U	< 0.21 U	< 0.35 U	< 0.29 U	< 0.27 U	< 0.17 U	< 0.77 U
Fluoranthene	206-44-0	mg/kg	2.2	2.0	9.5	3.1	3.4 J+	3.8	0.33	2.4
Fluorene	86-73-7	mg/kg	2.0	1.6	0.77	0.52	0.76	0.68	0.0055	0.063 J
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.45	0.15	0.44	0.42	0.48	0.42	0.026	0.25
Naphthalene	91-20-3	mg/kg	1.8	4.1	1.2	0.22	0.33	0.53	0.0042	0.021 J
Phenanthrene	85-01-8	mg/kg	1.5	1.5	7.3	1.2	1.2	0.62	0.12	0.99
Pyrene	129-00-0	mg/kg	2.5	1.5	5.7	2.7	3.1 J+	3.0	0.31	2.0
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	1.5	0.48	1.0	1.3	1.4	1.2	0.10	0.63
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	9.4	4.2	13	10	10	10	0.93	5.6
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	13	15	22	6.7	7.7	8.6	0.52	3.9
Total PAHs Calculated	CALC-PAH	mg/kg	23	20	35	17	18	19	1.5	9.4
TOC										
Total Organic Carbon	TOC	mg/kg	4780	20700	10500	35100	19100 J	33600	6110	423000

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD024 CH-SWSD024-SE01 6/10/2017 N	CH-SWSD025 CH-SWSD025-SE01 6/10/2017 N	CH-SWSD026 CH-SWSD026-SE01 6/10/2017 N	CH-SWSD027 CH-SWSD027-SE01 6/7/2017 N	CH-SWSD028 CH-SWSD028-SE01 6/7/2017 N	CH-SWSD029 CH-SWSD029-SE01 6/7/2017 N	CH-SWSD030 CH-SWSD030-SE01 6/7/2017 N	CH-SWSD030 CH-SWSD030-SE01D 6/7/2017 FD CH-SWSD030-SE01
Chemical	CAS	Units								
General Chemistry										
Oxidation Reduction Potential	ORP	mV	358	391	331	500	489	434	384	398
pH	PH	std units	5.92	5.65	5.78	4.38	4.46	4.51	5.33	5.35
Metals										
Aluminum	7429-90-5	mg/kg	7530	5450	6700	10100	10200	13700	10900	10700
Antimony	7440-36-0	mg/kg	0.0888 J	< 0.236 U	< 0.257 U	< 0.983 U	0.570 J	< 0.921 U	0.426 J	< 0.934 UJ
Arsenic	7440-38-2	mg/kg	2.78	1.61	1.85	1.88 J	3.10 J	2.94 J	2.27 J	2.92 J
Barium	7440-39-3	mg/kg	27.0	30.3	27.2	51.4	74.0	112	80.9	86.5
Beryllium	7440-41-7	mg/kg	0.487	0.393	0.381	0.685 J	0.793 J	1.20	0.612 J	0.583 J
Cadmium	7440-43-9	mg/kg	0.0652 J	0.152 J	0.0555 J	0.205 J	0.645 J	0.983	0.604 J	0.584 J
Calcium (Ca)	7440-70-2	mg/kg	519	583	539	1540	2030	2630	4580	4470
Chromium	7440-47-3	mg/kg	9.14	6.78	8.84	9.75	9.26	14.8	13.7	13.5
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	8.2	5.9	8.8	6.9	9.3	11.3	13.7	13.5
Chromium(VI) (b)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—
Chromium(VI)	18540-29-9	mg/kg	0.99	0.86	< 0.60 U	2.8 J+	< 2.5 UJ	3.5 J+	< 2.0 U	< 2.0 U
Cobalt	7440-48-4	mg/kg	2.31	2.84	4.55	1.49	1.76	4.14	2.11	1.85
Copper	7440-50-8	mg/kg	4.73	5.28	4.92	17.9	20.3	21.1	18.2	17.7
Iron (Fe)	7439-89-6	mg/kg	11100	6080	8840	2060	1750	3090	5090	4730
Lead	7439-92-1	mg/kg	7.77	6.37	6.11	23.7	30.3	40.9	45.0	44.8
Magnesium (Mg)	7439-95-4	mg/kg	970	828	1220	716	832	1220	2010	1920
Manganese (Mn)	7439-96-5	mg/kg	123	147	99.3	31.6 J+	29.3 J+	43.5	112	105
Mercury	7439-97-6	mg/kg	0.0200 J	0.0148 J	< 0.0241 U	0.210 J	0.175 J	0.141 J	0.0934 J	0.138 J
Nickel	7440-02-0	mg/kg	4.52	4.01	5.36	7.14	8.40	13.4	7.44	7.35
Potassium (K)	7440-09-7	mg/kg	522	488	714	763	755	1020	915	974
Selenium	7782-49-2	mg/kg	0.395 J	0.355 J	0.292 J	1.49 J	1.61 J	1.68 J	1.63 J	1.68 J
Silver	7440-22-4	mg/kg	0.0274 J	0.0353 J	< 0.0642 U	0.120 J	0.171 J	< 0.230 U	0.160 J	0.119 J
Sodium (Na)	7440-23-5	mg/kg	84.3	100	102 J	457	467	548	363	457
Thallium	7440-28-0	mg/kg	0.0666 J	0.0690 J	0.0955 J	< 0.246 U	< 0.281 U	0.142 J	0.147 J	0.165 J
Vanadium	7440-62-2	mg/kg	21.6	11.9	16.7	17.7	28.2	34.9	22.3	21.6
Zinc	7440-66-6	mg/kg	18.6	18.5	18.8	38.1	72.6	125	176	187
PCBs										
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—
SVOCs										
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.047 U	< 0.045 U	< 0.050 U	< 0.19 U	< 0.20 U	< 0.20 U	< 0.17 U	< 0.16 U
1-Methylnaphthalene	90-12-0	mg/kg	0.012 J	0.029	0.080	0.052 J	0.19	0.097 J	0.11 J	0.17 J
2-Chloronaphthalene	91-58-7	mg/kg	< 0.019 U	< 0.018 U	< 0.020 U	< 0.077 U	< 0.081 U	< 0.079 U	< 0.066 U	< 0.064 U
2-Methylnaphthalene	91-57-6	mg/kg	0.016 J	0.034	0.088	0.062 J	0.26	0.12	0.14 J	0.22 J
2-Methylphenol	95-48-7	mg/kg	< 0.047 U	< 0.045 U	< 0.050 U	< 0.19 U	< 0.20 U	< 0.20 U	< 0.17 U	< 0.16 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.047 U	< 0.045 U	< 0.050 U	< 0.19 U	< 0.20 U	< 0.20 U	< 0.17 U	< 0.16 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.047 U	< 0.045 U	< 0.050 U	< 0.19 U	< 0.20 U	< 0.20 U	< 0.17 U	< 0.16 U
4-Chloroaniline	106-47-8	mg/kg	< 0.094 U	< 0.090 U	< 0.10 U	< 0.39 U	< 0.41 U	< 0.40 U	< 0.33 U	< 0.32 U
Acenaphthene	83-32-9	mg/kg	0.025	0.061	0.14	0.13	0.26	0.20	0.36	0.41
Acenaphthylene	208-96-8	mg/kg	0.13	0.19	0.25	0.52	0.91	0.70	1.1 J	1.6 J
Anthracene	120-12-7	mg/kg	0.16	0.32	0.37	0.69	1.3	0.68	1.1 J	1.6 J

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD024 CH-SWSD024-SE01 6/10/2017 N	CH-SWSD025 CH-SWSD025-SE01 6/10/2017 N	CH-SWSD026 CH-SWSD026-SE01 6/10/2017 N	CH-SWSD027 CH-SWSD027-SE01 6/7/2017 N	CH-SWSD028 CH-SWSD028-SE01 6/7/2017 N	CH-SWSD029 CH-SWSD029-SE01 6/7/2017 N	CH-SWSD030 CH-SWSD030-SE01 6/7/2017 N	CH-SWSD030 CH-SWSD030-SE01D 6/7/2017 FD CH-SWSD030-SE01
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 0.19 U	< 0.18 U	< 0.20 U	< 0.77 U	< 0.81 U	< 0.79 U	< 0.66 U	< 0.64 U
Benzo(a)anthracene	56-55-3	mg/kg	0.63	1.1	1.1	1.0	1.8	0.91	1.8	2.4
Benzo(a)pyrene	50-32-8	mg/kg	0.47	0.73	0.83	0.74	1.2	0.71	1.3	1.6
Benzo(b)fluoranthene	205-99-2	mg/kg	1.1	1.4	2.0	2.2	3.4	2.1	3.4	4.4
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.33	0.42	0.49	0.52	0.86	0.50	0.80	0.98
Benzo(k)fluoranthene	207-08-9	mg/kg	0.52	0.69	0.65	0.77	1.7	1.0	1.8	2.3
Benzoic acid	65-85-0	mg/kg	< 0.70 U	< 0.67 U	< 0.76 U	< 2.9 U	< 3.0 U	< 3.0 U	< 2.5 UJ	0.95 J
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.047 U	< 0.045 U	0.041 J	< 0.19 U	< 0.20 U	< 0.20 U	< 0.17 UJ	0.083 J
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.19 U	< 0.18 U	< 0.20 U	< 0.77 U	< 0.81 U	< 0.79 U	< 0.66 U	< 0.64 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.19 U	< 0.18 U	< 0.20 U	< 0.77 U	< 0.81 U	< 0.79 U	< 0.66 U	< 0.64 U
Caprolactam	105-60-2	mg/kg	< 0.19 U	< 0.18 U	< 0.20 U	< 0.77 U	< 0.81 U	< 0.79 U	< 0.66 U	< 0.64 U
CARBAZOLE	86-74-8	mg/kg	0.099	0.13	0.18	0.36	0.75	0.47	0.73 J	1.1 J
Chrysene	218-01-9	mg/kg	0.86	1.5	1.5	1.9	3.9	2.0	3.5	4.2
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.098	0.13	0.17	0.16	0.27	0.16	0.26	0.33
Dibenzofuran	132-64-9	mg/kg	< 0.047 U	0.051	0.15	< 0.19 U	0.15 J	0.13 J	0.21	0.26
Diethyl phthalate	84-66-2	mg/kg	< 0.19 U	< 0.18 U	< 0.20 U	< 0.77 U	< 0.81 U	< 0.79 U	< 0.66 U	< 0.64 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.19 U	< 0.18 U	< 0.20 U	< 0.77 U	< 0.81 U	< 0.79 U	< 0.66 U	< 0.64 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.19 U	< 0.18 U	< 0.20 U	< 0.77 U	< 0.81 U	< 0.79 U	< 0.66 U	< 0.64 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.19 U	< 0.18 U	< 0.20 U	< 0.77 U	< 0.81 U	< 0.79 U	< 0.66 U	< 0.64 U
Fluoranthene	206-44-0	mg/kg	1.4	2.1	2.3	3.0	6.2	3.5	6.1 J	9.5 J
Fluorene	86-73-7	mg/kg	0.031	0.065	0.11	0.14	0.24	0.21	0.37	0.44
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.32	0.45	0.51	0.56	0.92	0.54	0.84	1.1
Naphthalene	91-20-3	mg/kg	0.018 J	0.029	0.054	0.086 J	0.24	0.13	0.15 J	0.30 J
Phenanthrene	85-01-8	mg/kg	0.28	0.63	1.3	0.85	1.7	1.2	2.7	3.6
Pyrene	129-00-0	mg/kg	1.4	2.0	2.4	2.4	4.8	2.7	4.8 J	7.5 J
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.78	1.2	1.4	1.3	2.1	1.2	2.2	2.7
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	5.7	8.4	9.7	10	19	11	19	25
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	2.1	3.5	4.7	5.5	11	6.8	12	18
Total PAHs Calculated	CALC-PAH	mg/kg	7.8	12	14	16	30	17	31	43
TOC										
Total Organic Carbon	TOC	mg/kg	15800	10600	10000	377000	301000	354000	261000	278000

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Chemical	CAS	Units	Location ID	CH-SWSD031	CH-SWSD032	CH-SWSD033	CH-SWSD034	CH-SWSD035	CH-SWSD035	CH-SWSD036	CH-SWSD037
			Sample ID	CH-SWSD031-SE01	CH-SWSD032-SE01	CH-SWSD033-SE01	CH-SWSD034-SE01	CH-SWSD035-SE01	CH-SWSD035-SE01D	CH-SWSD036-SE01	CH-SWSD037-SE01
Sample Date			6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017
Sample Type Code			N	N	N	N	N	N	FD	N	N
Parent Sample ID									CH-SWSD035-SE01		
General Chemistry											
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	—	—	—
pH	PH	std units	—	—	—	—	—	—	—	—	—
Metals											
Aluminum	7429-90-5	mg/kg	8380	9330	8850	13900	14200	14800	4730	8400	
Antimony	7440-36-0	mg/kg	< 0.357 U	0.350 J	< 0.357 U	< 0.513 U	< 0.666 U	< 0.567 U	< 0.334 U	< 0.221 U	
Arsenic	7440-38-2	mg/kg	1.44	2.06	1.62	2.68	2.53 J	2.22 J	1.42	1.68	
Barium	7440-39-3	mg/kg	43.7	95.1	64.1	111	114	122	40.1	50.0	
Beryllium	7440-41-7	mg/kg	0.483	0.601	0.612	1.30	1.44	1.55	0.395	0.348	
Cadmium	7440-43-9	mg/kg	0.0888 J	1.16	0.274 J	0.442 J	0.410 J	0.607 J	0.135 J	0.0790 J	
Calcium (Ca)	7440-70-2	mg/kg	1340 J-	6430 J-	2540 J-	5080 J-	5450 J-	5770 J-	1380 J-	1330 J-	
Chromium	7440-47-3	mg/kg	14.8	17.3	14.9	21.3	21.3	17.3	6.57	12.8	
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	—	—	
Chromium(VI) (b)	18540-29-9	mg/kg	3.7	4.3	3.7	5.3	5.3	4.3	1.6	3.2	
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—	
Cobalt	7440-48-4	mg/kg	3.07	6.79	3.76	7.08	7.75	8.03	3.36	3.36	
Copper	7440-50-8	mg/kg	7.73	14.7	11.0	19.1	19.6	21.6	6.45	7.12	
Iron (Fe)	7439-89-6	mg/kg	6080	9610	6260	10100	11800	11700	4480	7130	
Lead	7439-92-1	mg/kg	9.19	17.2	12.9	21.1	18.8	19.2	6.62	6.71	
Magnesium (Mg)	7439-95-4	mg/kg	2080	2340	2210	3270	3280	3270	1180	2230	
Manganese (Mn)	7439-96-5	mg/kg	80.6	327	124	258	369	384	70.3	91.4	
Mercury	7439-97-6	mg/kg	0.0242 J	0.107 J	0.0506 J	0.104 J	0.144 J	0.119 J	0.0411 J	0.0317 J	
Nickel	7440-02-0	mg/kg	7.01	9.66	8.77	13.2	13.6	14.2	4.49	7.39	
Potassium (K)	7440-09-7	mg/kg	1250	1140	1250	1780	1840	1660	661	1250	
Selenium	7782-49-2	mg/kg	0.601 J	1.26 J	0.545 J	1.17 J	1.38 J	1.31 J	0.293 J	0.279 J	
Silver	7440-22-4	mg/kg	< 0.0892 U	0.0892 J	0.0554 J	0.114 J	0.0819 J	0.0840 J	0.0444 J	< 0.0551 U	
Sodium (Na)	7440-23-5	mg/kg	147	250	177	283	331	315	164	131	
Thallium	7440-28-0	mg/kg	0.0895 J	0.126 J	0.129 J	0.192 J	0.198 J	0.174 J	0.0651 J	0.127 J	
Vanadium	7440-62-2	mg/kg	16.1	23.0	18.0	28.7	31.0	29.4	13.8	19.8	
Zinc	7440-66-6	mg/kg	21.9	57.7	38.2	61.2	63.2	68.8	22.0	25.7	
PCBs											
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—	
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—	
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—	
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—	
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—	
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—	
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—	
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—	
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—	
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—	
SVOCs											
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.064 U	< 0.093 U	< 0.067 U	< 0.11 U	< 0.14 U	< 0.13 U	< 0.082 U	< 0.048 U	
1-Methylnaphthalene	90-12-0	mg/kg	0.050	0.012 J	0.01 J	0.023 J	0.054 J	0.050 J	0.042	0.008 J	
2-Chloronaphthalene	91-58-7	mg/kg	< 0.025 U	< 0.037 U	< 0.027 U	< 0.044 U	< 0.058 U	< 0.053 U	< 0.033 U	< 0.019 U	
2-Methylnaphthalene	91-57-6	mg/kg	0.041	0.013 J	0.007 J	0.024 J	0.062 J	0.036 J	0.049	0.009 J	
2-Methylphenol	95-48-7	mg/kg	< 0.064 U	< 0.093 U	< 0.067 U	< 0.11 U	< 0.14 U	< 0.13 U	< 0.082 U	< 0.048 U	
3,4-Methylphenol	108394/106445	mg/kg	< 0.064 U	< 0.093 U	< 0.067 U	< 0.11 U	< 0.14 U	< 0.13 U	< 0.082 U	< 0.048 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.064 U	< 0.093 U	< 0.067 U	< 0.11 U	< 0.14 U	< 0.13 U	< 0.082 U	< 0.048 U	
4-Chloroaniline	106-47-8	mg/kg	< 0.13 U	< 0.19 U	< 0.13 U	< 0.22 U	< 0.29 U	< 0.27 U	< 0.16 U	< 0.097 U	
Acenaphthene	83-32-9	mg/kg	0.14	0.033 J	0.028 J	0.029 J	0.12	0.12	0.28	0.030	
Acenaphthylene	208-96-8	mg/kg	0.20	0.16	0.12	0.099	0.14	0.19	0.66	0.14	
Anthracene	120-12-7	mg/kg	0.28	0.18	0.13	0.11	0.17	0.22	2.2	0.13	

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD031	CH-SWSD032	CH-SWSD033	CH-SWSD034	CH-SWSD035	CH-SWSD035	CH-SWSD036	CH-SWSD037
		Sample ID	CH-SWSD031-SE01	CH-SWSD032-SE01	CH-SWSD033-SE01	CH-SWSD034-SE01	CH-SWSD035-SE01	CH-SWSD035-SE01D	CH-SWSD036-SE01	CH-SWSD037-SE01
		Sample Date	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017
		Sample Type Code	N	N	N	N	N	FD	N	N
		Parent Sample ID						CH-SWSD035-SE01		
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 0.25 U	< 0.37 U	< 0.27 U	< 0.44 U	< 0.58 U	< 0.53 U	< 0.33 U	< 0.19 U
Benzo(a)anthracene	56-55-3	mg/kg	0.77	0.34	0.44	0.31	0.39 J	0.55 J	3.9	0.32
Benzo(a)pyrene	50-32-8	mg/kg	0.66	0.37	0.37	0.29	0.30 J	0.43 J	2.6	0.27
Benzo(b)fluoranthene	205-99-2	mg/kg	1.5	1.1	0.89	0.71	0.80 J	1.1 J	4.4	0.70
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.40	0.28	0.25	0.19	0.23	0.30	1.2	0.18
Benzo(k)fluoranthene	207-08-9	mg/kg	0.57	0.40	0.34	0.25	0.29 J	0.45 J	2.2	0.30
Benzoic acid	65-85-0	mg/kg	< 0.95 U	< 1.4 U	< 1.0 U	< 1.6 U	< 2.2 U	< 2.0 U	< 1.2 U	< 0.72 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.064 U	< 0.093 U	< 0.067 U	< 0.11 U	< 0.14 U	< 0.13 U	< 0.082 U	< 0.048 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.25 U	< 0.37 U	< 0.27 U	< 0.44 U	< 0.58 U	< 0.53 U	< 0.33 U	< 0.19 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.25 U	< 0.37 U	< 0.27 U	< 0.44 U	< 0.58 U	< 0.53 U	< 0.33 U	< 0.19 U
Caprolactam	105-60-2	mg/kg	< 0.25 U	< 0.37 U	< 0.27 U	< 0.44 U	< 0.58 U	< 0.53 U	< 0.33 U	< 0.19 U
CARBAZOLE	86-74-8	mg/kg	0.20	0.12	0.063 J	0.057 J	0.073 J	0.094 J	0.36	0.12
Chrysene	218-01-9	mg/kg	1.2	1.1	0.67	0.50	0.57 J	0.83 J	6.2	0.60
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.12	0.071	0.078	0.059	0.071 J	0.094	0.42	0.054
Dibenzofuran	132-64-9	mg/kg	0.081	< 0.093 U	< 0.067 U	< 0.11 U	0.072 J	0.067 J	0.21	< 0.048 U
Diethyl phthalate	84-66-2	mg/kg	< 0.25 U	< 0.37 U	< 0.27 U	< 0.44 U	< 0.58 U	< 0.53 U	< 0.33 U	< 0.19 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.25 U	< 0.37 U	< 0.27 U	< 0.44 U	< 0.58 U	< 0.53 U	< 0.33 U	< 0.19 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.25 U	< 0.37 U	< 0.27 U	< 0.44 U	< 0.58 U	< 0.53 U	< 0.33 U	< 0.19 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.25 U	< 0.37 U	< 0.27 U	< 0.44 U	< 0.58 U	< 0.53 U	< 0.33 U	< 0.19 U
Fluoranthene	206-44-0	mg/kg	2.1	2.5	0.80	0.60	0.61 J	0.87 J	6.6	1.0
Fluorene	86-73-7	mg/kg	0.11	0.055	0.022 J	0.028 J	0.084	0.091	0.41	0.038
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.41	0.29	0.26	0.20	0.22 J	0.31 J	1.3	0.20
Naphthalene	91-20-3	mg/kg	0.28	0.026 J	0.023 J	0.068	0.29 J	0.21 J	0.083	0.029
Phenanthrene	85-01-8	mg/kg	0.53	0.83	0.18	0.14	0.17	0.17	2.0	0.16
Pyrene	129-00-0	mg/kg	1.9	1.9	0.71	0.57	0.63 J	0.93 J	5.5	0.84
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	1.1	0.62	0.61	0.47	0.52	0.73	4.0	0.45
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	7.5	5.9	4.0	3.1	3.5	5.0	28	3.5
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	3.7	3.8	1.3	1.1	1.7	2.0	12	1.5
Total PAHs Calculated	CALC-PAH	mg/kg	11	9.7	5.3	4.2	5.2	7.0	40	5.0
TOC										
Total Organic Carbon	TOC	mg/kg	12800	73800	53300	99900	124000	99300	35100	43900

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID		CH-SWSD038 CH-SWSD038-SE01 6/6/2017 N	CH-SWSD039 CH-SWSD039-SE01 6/6/2017 N	CH-SWSD040 CH-SWSD040-SE01 6/6/2017 N	CH-SWSD041 CH-SWSD041-SE01 6/6/2017 N	CH-SWSD042 CH-SWSD042-SE01 6/6/2017 N	CH-SWSD043 CH-SWSD043-SE01 6/6/2017 N	CH-SWSD044 CH-SWSD044-SE01 6/6/2017 N	CH-SWSD045 CH-SWSD045-SE01 6/6/2017 N	
Chemical	CAS	Units								
General Chemistry										
Oxidation Reduction Potential	ORP	mV	—	—	387	—	—	—	—	
pH	PH	std units	—	—	5.58	—	—	—	—	
Metals										
Aluminum	7429-90-5	mg/kg	9040	18700	17500	11300	6310	11800	11200 J	9290
Antimony	7440-36-0	mg/kg	< 0.265 U	< 1.07 U	< 0.666 U	1.23 J	< 0.325 U	< 0.367 U	< 0.389 U	< 0.292 U
Arsenic	7440-38-2	mg/kg	2.04	3.52 J	3.61	4.24	1.33	2.37	2.20 J+	1.95 J
Barium	7440-39-3	mg/kg	52.3	143	129	77.3	41.5	41.7	61.4 J	52.5
Beryllium	7440-41-7	mg/kg	0.453	1.92	1.58	1.01	0.468	0.765	0.875	0.539
Cadmium	7440-43-9	mg/kg	0.0945 J	0.243 J	0.368 J	0.255 J	0.130 J	0.0971 J	0.190 J	0.183 J
Calcium (Ca)	7440-70-2	mg/kg	1110 J-	4610 J-	3480 J-	2630 J-	1170 J-	1260 J-	1700 J	1110 J-
Chromium	7440-47-3	mg/kg	16.5	25.3	23.9	15.7	9.07	13.0	14.5 J	12.5
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	23.9	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	4.1	6.3	—	3.9	2.3	3.3	3.6 J	3.1
Chromium(VI)	18540-29-9	mg/kg	—	—	< 1.9 U	—	—	—	—	—
Cobalt	7440-48-4	mg/kg	3.72	6.34	6.13	5.34	2.42	3.03	4.24	3.05
Copper	7440-50-8	mg/kg	8.01	23.8	22.2	17.8	6.35	6.77	10.2 J+	9.05
Iron (Fe)	7439-89-6	mg/kg	7520	13100	11800	29600	5650	7860	9270 J	6220
Lead	7439-92-1	mg/kg	8.49	23.0	23.6	16.7	7.45	8.83	12.4 J	12.1
Magnesium (Mg)	7439-95-4	mg/kg	2380	4110	3810	2440	1480	1480	2380 J	1980
Manganese (Mn)	7439-96-5	mg/kg	98.5	244	196	153	87.4	101	151 J	82.0
Mercury	7439-97-6	mg/kg	0.0345 J	0.169 J	0.148 J	0.107 J	0.0324 J	0.0724 J	0.0534 J	0.0673 J
Nickel	7440-02-0	mg/kg	8.36	14.7	14.5	10.7	5.30	7.71	9.29	7.29
Potassium (K)	7440-09-7	mg/kg	1290	2350	2130	1250	758	749	1270 J	1150
Selenium	7782-49-2	mg/kg	0.322 J	1.70 J	1.38 J	0.930 J	0.325 J	0.442 J	0.575 J	0.453 J
Silver	7440-22-4	mg/kg	< 0.0663 U	< 0.266 U	0.0919 J	< 0.158 U	< 0.0813 U	0.0550 J	0.0540 J	0.0729 J
Sodium (Na)	7440-23-5	mg/kg	147	480	370	283	135	133 J	204	148
Thallium	7440-28-0	mg/kg	0.121 J	0.302 J	0.245 J	0.178 J	0.0715 J	0.0872 J	0.120 J	0.135 J
Vanadium	7440-62-2	mg/kg	20.4	45.2	41.3	27.9	14.6	16.6	25.2 J	18.7
Zinc	7440-66-6	mg/kg	27.6	60.4	65.2	40.5	21.1	25.0	34.6 J+	28.0
PCBs										
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—
SVOCs										
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.053 U	< 0.18 U	< 0.15 U	< 0.12 U	< 0.071 U	< 0.075 U	< 0.086 U	< 0.069 U
1-Methylnaphthalene	90-12-0	mg/kg	0.028	0.14	0.11	0.13	0.042	0.036 J	0.014 J	0.018 J
2-Chloronaphthalene	91-58-7	mg/kg	< 0.021 U	< 0.072 U	< 0.062 U	< 0.047 U	< 0.028 U	< 0.030 U	< 0.035 U	< 0.028 U
2-Methylnaphthalene	91-57-6	mg/kg	0.029	0.16	0.15	0.17	0.037	0.041	0.018 J	0.025 J
2-Methylphenol	95-48-7	mg/kg	< 0.053 U	< 0.18 U	< 0.15 U	< 0.12 U	< 0.071 U	< 0.075 U	< 0.086 U	< 0.069 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.053 U	< 0.18 U	< 0.15 U	< 0.12 U	< 0.071 U	< 0.075 U	< 0.086 U	< 0.069 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.053 U	< 0.18 U	< 0.15 U	< 0.12 U	< 0.071 U	< 0.075 U	< 0.086 U	< 0.069 U
4-Chloroaniline	106-47-8	mg/kg	< 0.11 U	< 0.36 U	< 0.31 U	< 0.24 U	< 0.14 U	< 0.15 U	< 0.17 U	< 0.14 U
Acenaphthene	83-32-9	mg/kg	0.038	0.32	0.27	0.24	0.16	0.12	0.047	0.087 J
Acenaphthylene	208-96-8	mg/kg	0.089	0.43	0.24	0.31	0.31	0.44	0.13	0.24 J
Anthracene	120-12-7	mg/kg	0.11	0.40	0.41	0.45	0.37	0.65	0.13	0.51

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD038	CH-SWSD039	CH-SWSD040	CH-SWSD041	CH-SWSD042	CH-SWSD043	CH-SWSD044	CH-SWSD045
		Sample ID	CH-SWSD038-SE01	CH-SWSD039-SE01	CH-SWSD040-SE01	CH-SWSD041-SE01	CH-SWSD042-SE01	CH-SWSD043-SE01	CH-SWSD044-SE01	CH-SWSD045-SE01
		Sample Date	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017
		Sample Type Code	N	N	N	N	N	N	N	N
		Parent Sample ID								
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 0.21 U	< 0.72 U	< 0.62 U	< 0.47 U	< 0.28 U	< 0.30 U	< 0.35 U	< 0.28 U
Benzo(a)anthracene	56-55-3	mg/kg	0.22	1.1	0.96	1.4	1.3	1.7	0.57	2.1
Benzo(a)pyrene	50-32-8	mg/kg	0.19	0.82	0.70	1.2	1.0	1.2	0.39	2.0 J
Benzo(b)fluoranthene	205-99-2	mg/kg	0.46	2.0	1.8	2.5	2.1	2.5	0.86	3.1
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.13	0.48	0.49	0.65	0.58	0.70	0.21	1.0 J
Benzo(k)fluoranthene	207-08-9	mg/kg	0.18	0.88	0.91	1.0	0.91	1.2	0.39	1.4
Benzoic acid	65-85-0	mg/kg	< 0.79 U	< 2.7 U	< 2.3 U	< 1.8 U	< 1.1 U	0.54 J	< 1.3 U	< 1.0 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.053 U	< 0.18 U	< 0.15 U	< 0.12 U	< 0.071 U	< 0.075 U	< 0.086 U	< 0.069 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.21 U	< 0.72 U	< 0.62 U	< 0.47 U	< 0.28 U	< 0.30 U	< 0.35 U	< 0.28 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.21 U	< 0.72 U	< 0.62 U	< 0.47 U	< 0.28 U	< 0.30 U	< 0.35 U	< 0.28 U
Caprolactam	105-60-2	mg/kg	< 0.21 U	< 0.72 U	< 0.62 U	< 0.47 U	< 0.28 U	< 0.30 U	< 0.35 U	< 0.28 U
CARBAZOLE	86-74-8	mg/kg	0.079	0.31	0.21	0.23	0.17	0.24	0.077 J	0.25 J
Chrysene	218-01-9	mg/kg	0.41	1.9	2.0	2.3	1.8	2.5	1.0	2.8
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.040	0.15	0.17	0.21	0.19	0.23	0.077	0.33 J
Dibenzofuran	132-64-9	mg/kg	< 0.053 U	0.16 J	0.15 J	0.14	0.070 J	0.065 J	< 0.086 U	0.048 J
Diethyl phthalate	84-66-2	mg/kg	< 0.21 U	< 0.72 U	< 0.62 U	< 0.47 U	< 0.28 U	< 0.30 U	< 0.35 U	< 0.28 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.21 U	< 0.72 U	< 0.62 U	< 0.47 U	< 0.28 U	< 0.30 U	< 0.35 U	< 0.28 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.21 U	< 0.72 U	< 0.62 U	< 0.47 U	< 0.28 U	< 0.30 U	< 0.35 U	< 0.28 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.21 U	< 0.72 U	< 0.62 U	< 0.47 U	< 0.28 U	< 0.30 U	< 0.35 U	< 0.28 U
Fluoranthene	206-44-0	mg/kg	0.64	5.6	3.5	2.5	2.0	3.1	1.1	3.7 J
Fluorene	86-73-7	mg/kg	0.040	0.25	0.23	0.20	0.13	0.14	0.046	0.15
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.13	0.51	0.52	0.69	0.61	0.76	0.23	1.1 J
Naphthalene	91-20-3	mg/kg	0.36	0.58	0.39	0.51	0.096	0.13	0.033 J	0.051 J
Phenanthrene	85-01-8	mg/kg	0.12	2.6	0.84	0.59	0.36	0.54	0.17	1.1 J
Pyrene	129-00-0	mg/kg	0.50	3.9	2.7	2.3	1.9	2.8	0.93	3.1 J
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.31	1.3	1.2	1.9	1.6	1.9	0.64	3.0
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	2.3	12	10	12	10	14	4.7	17
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	1.5	10	6.1	5.1	3.5	5.2	1.7	5.9
Total PAHs Calculated	CALC-PAH	mg/kg	3.7	22	16	17	14	19	6.3	23
TOC										
Total Organic Carbon	TOC	mg/kg	33300	229000	158000	76100	51200	31600	51400	37900 J

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID			CH-SWSD045	CH-SWSD046	CH-SWSD047	CH-SWSD048	CH-SWSD049	CH-SWSD050	CH-SWSD050	CH-SWSD051
Sample ID			CH-SWSD045-SE01D	CH-SWSD046-SE01	CH-SWSD047-SE01	CH-SWSD048-SE01	CH-SWSD049-SE01	CH-SWSD050-SE01	CH-SWSD050-SE01D	CH-SWSD051-SE01
Sample Date			6/6/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017
Sample Type Code			FD	N	N	N	N	N	FD	N
Parent Sample ID			CH-SWSD045-SE01						CH-SWSD050-SE01	
Chemical	CAS	Units								
General Chemistry										
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	247	189	—
pH	PH	std units	—	—	—	—	—	5.97	6.40	—
Metals										
Aluminum	7429-90-5	mg/kg	8340	11000	8860	7870	11400	16200	18300	18300 J+
Antimony	7440-36-0	mg/kg	< 0.295 U	0.502 J	0.291 J	0.364 J	0.658 J	0.604 J	1.07 J	0.933 J
Arsenic	7440-38-2	mg/kg	1.42 J	2.93 J	3.27	3.47	6.67	5.11	6.27	5.43 J+
Barium	7440-39-3	mg/kg	47.3	87.6	64.6	72.5	118	140	143	133 J+
Beryllium	7440-41-7	mg/kg	0.491	0.998	0.756	0.858	1.68	2.20	2.29	2.23
Cadmium	7440-43-9	mg/kg	0.165 J	0.998	0.383 J	0.366 J	0.696 J	0.914 J	0.825 J	0.797 J
Calcium (Ca)	7440-70-2	mg/kg	1060 J-	5700	2670	2310	3090	4450	4460	3830
Chromium	7440-47-3	mg/kg	11.7	18.9	14.2	12.6	17.2	21.7	24.6	25.2
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	21.7	20.9	—
Chromium(VI) (b)	18540-29-9	mg/kg	2.9	4.7	3.6	3.2	4.3	—	—	6.3
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	< 2.4 UJ	3.7 J	—
Cobalt	7440-48-4	mg/kg	2.59	4.07	4.87	4.79	7.56	5.67	5.08	6.25
Copper	7440-50-8	mg/kg	8.02	20.6 J+	11.2 J+	14.1 J+	19.2 J+	29.0 J+	31.6 J+	29.7 J+
Iron (Fe)	7439-89-6	mg/kg	5700	5320	7680	10400	27000	10600	12400	14300 J-
Lead	7439-92-1	mg/kg	11.1	47.3 J+	16.4 J+	18.4 J+	24.3 J+	38.3 J+	43.2 J+	38.7 J+
Magnesium (Mg)	7439-95-4	mg/kg	1810	2780	1540	1160	1480	2220	2440	2270
Manganese (Mn)	7439-96-5	mg/kg	75.8	87.4	169	167	289	209	225	199 J+
Mercury	7439-97-6	mg/kg	0.0513 J	0.175 J	0.114 J	0.156 J	0.226 J	0.339 J	0.317 J	0.301 J
Nickel	7440-02-0	mg/kg	6.58	10.3	8.27	7.29	10.4	12.3	13.7	13.3
Potassium (K)	7440-09-7	mg/kg	1020	924	789	639	834	1100	1460	1320
Selenium	7782-49-2	mg/kg	0.394 J	2.19 J	0.993 J	1.27 J	1.75 J	2.93 J	3.13 J	2.61 J
Silver	7440-22-4	mg/kg	0.0715 J	0.127 J	0.0744 J	< 0.154 U	0.143 J	0.167 J	< 0.279 UJ	0.171 J
Sodium (Na)	7440-23-5	mg/kg	142	358	186 J	254	304 J	393	416 J	333 J
Thallium	7440-28-0	mg/kg	0.105 J	0.209 J	0.134 J	0.122 J	0.155 J	0.199 J	0.272 J	0.242 J
Vanadium	7440-62-2	mg/kg	17.2	32.5	22.2	24.3	34.9	43.5	50.7	45.1
Zinc	7440-66-6	mg/kg	26.0	75.4	48.5	41.4	70.9	92.0	90.0	93.1 J+
PCBs										
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—
SVOCs										
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.070 U	< 0.16 U	< 0.093 U	< 0.11 U	< 0.15 U	< 0.20 U	< 0.20 U	< 0.17 U
1-Methylnaphthalene	90-12-0	mg/kg	0.032 J	0.015	0.020 J	0.098	0.025 J	0.065 J	0.049 J	0.042 J
2-Chloronaphthalene	91-58-7	mg/kg	< 0.028 U	< 0.062 U	< 0.037 U	< 0.045 U	< 0.060 U	< 0.079 U	< 0.078 U	< 0.070 U
2-Methylnaphthalene	91-57-6	mg/kg	0.043 J	0.020	0.024 J	0.15	0.023 J	0.062 J	0.062 J	0.042 J
2-Methylphenol	95-48-7	mg/kg	< 0.070 U	< 0.16 U	< 0.093 U	< 0.11 U	< 0.15 U	< 0.20 U	< 0.20 U	< 0.17 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.070 U	< 0.16 U	< 0.093 U	< 0.11 U	0.091 J	< 0.20 U	< 0.20 U	< 0.17 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.070 U	< 0.16 U	< 0.093 U	< 0.11 U	< 0.15 U	< 0.20 U	< 0.20 U	< 0.17 U
4-Chloroaniline	106-47-8	mg/kg	< 0.14 U	< 0.31 U	< 0.19 U	< 0.23 U	< 0.30 U	< 0.39 U	< 0.39 U	< 0.35 U
Acenaphthene	83-32-9	mg/kg	0.14 J	0.0048 J	0.15	0.10	0.075 J	0.16	0.12	0.11
Acenaphthylene	208-96-8	mg/kg	0.49 J	0.0089	0.13	0.33	0.30	0.57	0.68	0.32
Anthracene	120-12-7	mg/kg	0.55	0.017	0.20	0.45	0.32	0.74	0.80	0.42

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD045	CH-SWSD046	CH-SWSD047	CH-SWSD048	CH-SWSD049	CH-SWSD050	CH-SWSD050	CH-SWSD051
		Sample ID	CH-SWSD045-SE01D	CH-SWSD046-SE01	CH-SWSD047-SE01	CH-SWSD048-SE01	CH-SWSD049-SE01	CH-SWSD050-SE01	CH-SWSD050-SE01D	CH-SWSD051-SE01
		Sample Date	6/6/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017	6/3/2017
		Sample Type Code	FD	N	N	N	N	N	FD	N
		Parent Sample ID	CH-SWSD045-SE01						CH-SWSD050-SE01	
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 0.28 U	< 0.62 U	< 0.37 U	< 0.45 U	< 0.60 U	< 0.79 U	< 0.78 U	< 0.70 U
Benzo(a)anthracene	56-55-3	mg/kg	1.6	0.070	0.50	1.9	1.1	2.3	2.7	1.0
Benzo(a)pyrene	50-32-8	mg/kg	1.2 J	0.074	0.40	1.4	0.90	1.7	2.0	0.76
Benzo(b)fluoranthene	205-99-2	mg/kg	2.8	0.16	1.1	3.1	2.5	3.9	4.3	2.2
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.71 J	0.020	0.24	0.65	0.53	0.91	0.98	0.49
Benzo(k)fluoranthene	207-08-9	mg/kg	1.2	0.12	0.39	1.2	0.87	1.6	1.9	0.76
Benzoic acid	65-85-0	mg/kg	< 1.0 U	< 2.3 U	< 1.4 U	< 1.7 U	< 2.3 U	< 2.9 U	< 2.9 U	< 2.6 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.070 U	< 0.16 U	< 0.093 U	< 0.11 U	< 0.15 U	< 0.20 U	< 0.20 U	< 0.17 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.28 U	< 0.62 U	< 0.37 U	< 0.45 U	< 0.60 U	< 0.79 U	< 0.78 U	< 0.70 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.28 U	< 0.62 U	< 0.37 U	< 0.45 U	< 0.60 U	< 0.79 U	< 0.78 U	< 0.70 U
Caprolactam	105-60-2	mg/kg	< 0.28 U	< 0.62 U	< 0.37 U	< 0.45 U	< 0.60 U	< 0.79 U	< 0.78 U	< 0.70 U
CARBAZOLE	86-74-8	mg/kg	0.45 J	< 0.16 U	0.079 J	0.25	0.17	0.28	0.33	0.23
Chrysene	218-01-9	mg/kg	3.0	0.10	0.70	2.3	1.9	3.0	3.5	2.1
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.22 J	0.0071 J	0.099	0.24	0.20	0.31	0.31	0.14
Dibenzofuran	132-64-9	mg/kg	0.072 J	< 0.16 U	0.18	0.10 J	< 0.15 U	< 0.20 UJ	0.10 J	< 0.17 U
Diethyl phthalate	84-66-2	mg/kg	< 0.28 U	< 0.62 U	< 0.37 U	< 0.45 U	< 0.60 U	< 0.79 U	< 0.78 U	< 0.70 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.28 U	< 0.62 U	< 0.37 U	< 0.45 U	< 0.60 U	< 0.79 U	< 0.78 U	< 0.70 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.28 U	< 0.62 U	< 0.37 U	< 0.45 U	< 0.60 U	< 0.79 U	< 0.78 U	< 0.70 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.28 U	< 0.62 U	< 0.37 U	< 0.45 U	< 0.60 U	< 0.79 U	< 0.78 U	< 0.70 U
Fluoranthene	206-44-0	mg/kg	6.4 J	0.21	0.79	3.2	2.6	3.8	3.6	5.0
Fluorene	86-73-7	mg/kg	0.16	0.044	0.13	0.099	0.072 J	0.16	0.14	0.10
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.76 J	0.023	0.27	0.71	0.56	1.0	1.1	0.51
Naphthalene	91-20-3	mg/kg	0.10 J	0.026	0.066	0.23	0.043 J	0.16	0.15	0.24
Phenanthrene	85-01-8	mg/kg	1.5 J	0.077	0.16	1.0	0.86	1.3	1.4	1.9
Pyrene	129-00-0	mg/kg	4.6 J	0.25	0.87	2.8	2.5	4.1	3.8	3.8
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	2.0	0.11	0.69	2.2	1.5	2.7	3.1	1.3
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	16	0.82	4.6	14	11	19	21	12
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	9.4	0.42	1.7	5.7	4.3	7.0	7.0	8.2
Total PAHs Calculated	CALC-PAH	mg/kg	26	1.2	6.2	20	15	26	28	20
TOC										
Total Organic Carbon	TOC	mg/kg	21300 J	194000	91800	131000	88100	177000	215000	160000

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID		CH-SWSD052 CH-SWSD052-SE01 6/3/2017 N	CH-SWSD053 CH-SWSD053-SE01 6/3/2017 N	CH-SWSD054 CH-SWSD054-SE01 6/3/2017 N	CH-SWSD055 CH-SWSD055-SE01 6/3/2017 N	CH-SWSD055 CH-SWSD055-SE01D 6/3/2017 FD CH-SWSD055-SE01	CH-SWSD056 CH-SWSD056-SE01 6/3/2017 N	CH-SWSD057 CH-SWSD057-SE01 6/3/2017 N	CH-SWSD058 CH-SWSD058-SE01 6/3/2017 N	
Chemical	CAS	Units								
General Chemistry										
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	—	
pH	PH	std units	—	—	—	—	—	—	—	
Metals										
Aluminum	7429-90-5	mg/kg	8510	20400	15100	12800	11700	6320	9820	5980
Antimony	7440-36-0	mg/kg	< 0.494 U	0.678 J	0.697 J	0.933 J	0.779 J	0.316 J	0.244 J	0.124 J
Arsenic	7440-38-2	mg/kg	2.77	11.0	5.72	5.78	4.83	1.82	3.03	1.80
Barium	7440-39-3	mg/kg	57.6	187	114	100	103	35.4 J-	53.7 J-	27.6 J-
Beryllium	7440-41-7	mg/kg	0.835	2.55	1.88	2.17 J	1.51 J	0.315	0.646	0.380
Cadmium	7440-43-9	mg/kg	0.213 J	1.05	0.866	0.744 J	0.754 J	0.185 J	0.125 J	0.0778 J
Calcium (Ca)	7440-70-2	mg/kg	1920	5280	4430	4890	4940	862 J-	1240 J-	625 J-
Chromium	7440-47-3	mg/kg	12.5	27.7	19.4	17.0	15.7	8.35	12.2	7.33
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	3.1	6.9	4.9	4.3	3.9	2.1	3.1	1.8
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	—	—
Cobalt	7440-48-4	mg/kg	3.55	8.92	6.32	6.29	7.17	1.85	2.08	1.20
Copper	7440-50-8	mg/kg	11.2 J+	33.7 J+	26.6 J+	26.9 J+	23.3 J+	6.99	10.5	5.57
Iron (Fe)	7439-89-6	mg/kg	7530	37800	17600	14000	13900	5130	6700	3480
Lead	7439-92-1	mg/kg	13.5 J+	42.5 J+	32.6 J+	33.7 J+	30.8 J+	30.7	34.8	15.9
Magnesium (Mg)	7439-95-4	mg/kg	1620	2760	2250	2120	1970	1090	1440	818
Manganese (Mn)	7439-96-5	mg/kg	164	315	244	268	331	73.0	83.3	53.0
Mercury	7439-97-6	mg/kg	0.103 J	0.350 J	0.253 J	0.223 J	0.245 J	0.0485 J	0.0728 J	0.0352 J
Nickel	7440-02-0	mg/kg	7.39	17.2	12.3	11.3	10.7	4.88	6.91	3.54
Potassium (K)	7440-09-7	mg/kg	923	1380	1080	962	1020	552	797	484
Selenium	7782-49-2	mg/kg	0.816 J	2.95 J	2.25 J	1.93 J	1.76 J	0.305 J	0.647 J	0.324 J
Silver	7440-22-4	mg/kg	< 0.124 U	0.144 J	0.110 J	< 0.219 U	< 0.296 U	0.0445 J	0.0690 J	< 0.0583 U
Sodium (Na)	7440-23-5	mg/kg	199	404	342	351	426 J	96.3 J	143	94.8
Thallium	7440-28-0	mg/kg	0.117 J	0.273 J	0.180 J	< 0.219 U	< 0.296 U	0.0946 J	0.114 J	0.0790 J
Vanadium	7440-62-2	mg/kg	20.9	74.2	39.5	37.3	34.0	13.4	21.2	9.40
Zinc	7440-66-6	mg/kg	39.6	116	73.8	82.0	79.3	30.9	34.0	18.4
PCBs										
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—
SVOCs										
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.10 U	< 0.21 U	< 0.18 U	< 0.20 U	< 0.20 U	< 0.27 U	< 0.31 U	< 0.27 U
1-Methylnaphthalene	90-12-0	mg/kg	0.024	0.052 J	0.033 J	< 0.041 U	< 0.040 U	0.033 J	< 0.062 U	0.14
2-Chloronaphthalene	91-58-7	mg/kg	< 0.041 U	< 0.082 U	< 0.071 U	< 0.082 U	< 0.080 U	< 0.11 U	< 0.12 U	< 0.11 U
2-Methylnaphthalene	91-57-6	mg/kg	0.034	0.039 J	0.043 J	0.022 J	< 0.040 UJ	0.040 J	0.047 J	0.18
2-Methylphenol	95-48-7	mg/kg	< 0.10 U	< 0.21 U	< 0.18 U	< 0.20 U	< 0.20 U	< 0.27 U	< 0.31 U	< 0.27 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.10 U	< 0.21 U	< 0.18 U	< 0.20 U	< 0.20 U	< 0.27 U	< 0.31 U	< 0.27 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.10 U	< 0.21 U	< 0.18 U	< 0.20 U	< 0.20 U	< 0.27 U	< 0.31 U	< 0.27 U
4-Chloroaniline	106-47-8	mg/kg	< 0.21 U	< 0.41 U	< 0.35 U	< 0.41 U	< 0.40 U	< 0.55 U	< 0.62 U	< 0.54 U
Acenaphthene	83-32-9	mg/kg	0.051	0.097 J	0.12	0.036 J	0.043 J	0.092 J	0.068 J	0.049 J
Acenaphthylene	208-96-8	mg/kg	0.055	0.37	0.37	0.15	0.14	0.22	0.18	0.15
Anthracene	120-12-7	mg/kg	0.074	0.51	0.43	0.20	0.18	0.36	0.28	0.19

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID		CH-SWSD052 CH-SWSD052-SE01 6/3/2017 N	CH-SWSD053 CH-SWSD053-SE01 6/3/2017 N	CH-SWSD054 CH-SWSD054-SE01 6/3/2017 N	CH-SWSD055 CH-SWSD055-SE01 6/3/2017 N	CH-SWSD055 CH-SWSD055-SE01D 6/3/2017 FD CH-SWSD055-SE01	CH-SWSD056 CH-SWSD056-SE01 6/3/2017 N	CH-SWSD057 CH-SWSD057-SE01 6/3/2017 N	CH-SWSD058 CH-SWSD058-SE01 6/3/2017 N	
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 0.41 U	< 0.82 U	< 0.71 U	< 0.82 U	< 0.80 U	< 1.1 U	< 1.2 U	< 1.1 U
Benzo(a)anthracene	56-55-3	mg/kg	0.27	1.1	0.78	0.51	0.39	1.1	0.80	0.62
Benzo(a)pyrene	50-32-8	mg/kg	0.24	0.86	0.62	0.43	0.32	0.95	0.74	0.57
Benzo(b)fluoranthene	205-99-2	mg/kg	0.75	2.1	1.9	0.96	0.79	2.0	1.6	1.2
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.059	0.56	0.40	0.27	0.22	0.57	0.52	0.38
Benzo(k)fluoranthene	207-08-9	mg/kg	0.29	0.95	0.63	0.40	0.33	0.77	0.60	0.52
Benzoic acid	65-85-0	mg/kg	< 1.6 U	< 3.1 U	< 2.7 U	< 3.1 U	< 3.0 U	< 4.1 U	< 4.7 U	< 4.0 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.10 U	< 0.21 U	< 0.18 U	< 0.20 U	< 0.20 U	< 0.27 U	< 0.31 U	< 0.27 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.41 U	< 0.82 U	< 0.71 U	< 0.82 U	< 0.80 U	< 1.1 U	< 1.2 U	< 1.1 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.41 U	< 0.82 U	< 0.71 U	< 0.82 U	< 0.80 U	< 1.1 U	< 1.2 U	< 1.1 U
Caprolactam	105-60-2	mg/kg	< 0.41 U	< 0.82 U	< 0.71 U	< 0.82 U	< 0.80 U	< 1.1 U	< 1.2 U	< 1.1 U
CARBAZOLE	86-74-8	mg/kg	< 0.10 U	0.17 J	0.27	< 0.20 U	< 0.20 U	0.17 J	< 0.31 U	< 0.27 U
Chrysene	218-01-9	mg/kg	0.42	1.8	1.6	0.73	0.60	1.4	1.1	0.79
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.025	< 0.041 U	0.12	0.11 J	0.076 J	0.20	0.18	0.14
Dibenzofuran	132-64-9	mg/kg	< 0.10 U	< 0.21 U	< 0.18 U	< 0.20 U	< 0.20 U	< 0.27 U	< 0.31 U	< 0.27 U
Diethyl phthalate	84-66-2	mg/kg	< 0.41 U	< 0.82 U	< 0.71 U	< 0.82 U	< 0.80 U	< 1.1 U	< 1.2 U	< 1.1 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.41 U	< 0.82 U	< 0.71 U	< 0.82 U	< 0.80 U	< 1.1 U	< 1.2 U	< 1.1 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.41 U	< 0.82 U	< 0.71 U	< 0.82 U	< 0.80 U	< 1.1 U	< 1.2 U	< 1.1 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.41 U	< 0.82 U	< 0.71 U	< 0.82 U	< 0.80 U	< 1.1 U	< 1.2 U	< 1.1 U
Fluoranthene	206-44-0	mg/kg	0.68	2.8	3.4	1.2	1.0	2.1	1.7	1.0
Fluorene	86-73-7	mg/kg	0.038	0.11	0.10	0.042 J	0.042 J	0.11 J	0.083 J	0.052 J
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.078	0.59	0.45	0.30 J	0.21 J	0.56	0.51	0.38
Naphthalene	91-20-3	mg/kg	0.091	0.12	0.091	0.046 J	0.063 J	0.071 J	0.12 J	0.19
Phenanthrene	85-01-8	mg/kg	0.18	0.84	1.5	0.27	0.35	0.77	0.64	0.29
Pyrene	129-00-0	mg/kg	0.90	2.6	2.7	1.2	0.92	2.0	1.5	1.1
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.38	1.3	1.1	0.72	0.54	1.5	1.2	0.94
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	3.0	11	9.2	4.9	3.9	9.6	7.6	5.7
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	1.2	4.9	6.1	2.0	1.9	3.8	3.2	2.2
Total PAHs Calculated	CALC-PAH	mg/kg	4.3	16	15	6.9	5.8	13	11	7.9
TOC										
Total Organic Carbon	TOC	mg/kg	51600	187000	157000	144000 J	212000 J	25800	29500	11500

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD059 CH-SWSD059-SE01 6/3/2017 N	CH-SWSD060 CH-SWSD060-SE01 6/3/2017 N	CH-SWSD061 CH-SWSD061-SE01 6/3/2017 N	CH-SWSD062 CH-SWSD062-SE01 6/2/2017 N	CH-SWSD063 CH-SWSD063-SE01 6/2/2017 N	CH-SWSD064 CH-SWSD064-SE01 6/2/2017 N	CH-SWSD065 CH-SWSD065-SE01 6/2/2017 N	CH-SWSD065 CH-SWSD065-SE01D 6/2/2017 FD CH-SWSD065-SE01
Chemical	CAS	Units								
General Chemistry										
Oxidation Reduction Potential	ORP	mV	—	289	—	—	—	—	—	—
pH	PH	std units	—	5.82	—	—	—	—	—	—
Metals										
Aluminum	7429-90-5	mg/kg	17200	5890 J+	4690	3970	4600	3370	6950	6090
Antimony	7440-36-0	mg/kg	0.684 J	0.227 J	< 0.302 U	< 0.236 U	< 0.201 U	< 0.214 U	0.206 J	0.253 J
Arsenic	7440-38-2	mg/kg	7.14	1.56 J	1.70	1.36	1.34	1.14	1.86	2.28
Barium	7440-39-3	mg/kg	100 J-	28.4 J	23.2	11.7 J-	20.6 J-	17.4 J-	40.9 J-	45.0 J-
Beryllium	7440-41-7	mg/kg	2.03	0.476	0.392	0.138 J	0.225	0.264	0.677	0.660
Cadmium	7440-43-9	mg/kg	0.709	0.119 J	0.0868 J	< 0.118 U	0.0746 J	0.117 J	0.371 J	0.187 J
Calcium (Ca)	7440-70-2	mg/kg	3680 J-	1070 J	1560 J-	388 J-	841 J-	737 J-	1390 J-	1190 J-
Chromium	7440-47-3	mg/kg	17.0	7.54 J+	7.15	4.87	6.54	4.61	7.99	7.04
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	5.9	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	4.3	—	1.8	1.2	1.6	1.2	2.0	1.8
Chromium(VI)	18540-29-9	mg/kg	—	1.6 J	—	—	—	—	—	—
Cobalt	7440-48-4	mg/kg	6.96	2.32	3.64	1.17	1.76	1.45	2.52	2.42
Copper	7440-50-8	mg/kg	31.6	7.85	13.3	1.78	3.90	4.48	11.6	9.19
Iron (Fe)	7439-89-6	mg/kg	22100	5400 J	10500	3870	4300	4820	5050	4990
Lead	7439-92-1	mg/kg	113	24.6 J	26.8	4.48	8.62	11.3	28.9	25.2
Magnesium (Mg)	7439-95-4	mg/kg	1900	746 J+	1190	487	788	572	979	831
Manganese (Mn)	7439-96-5	mg/kg	244	102 J+	103	59.6	72.1	70.4	106	103
Mercury	7439-97-6	mg/kg	0.131 J	0.0264 J	0.127 J	< 0.0256 U	0.0174 J	0.0297 J	0.0766 J	0.0566 J
Nickel	7440-02-0	mg/kg	10.8	3.95 J	4.33	2.28	3.84	2.50	5.32	4.28
Potassium (K)	7440-09-7	mg/kg	893	430 J	293	280	432	287	518	464
Selenium	7782-49-2	mg/kg	1.49 J	0.339 J	0.258 J	0.124 J	0.236 J	0.197 J	0.424 J	0.383 J
Silver	7440-22-4	mg/kg	0.110 J	0.0442 J	< 0.0756 U	< 0.0591 U	0.0515 J	< 0.0536 U	0.0487 J	< 0.0838 UJ
Sodium (Na)	7440-23-5	mg/kg	281	114 J	176	63.3 J	81.5	73.7 J	128 J	130 J
Thallium	7440-28-0	mg/kg	0.198 J	0.0750 J	0.0496 J	0.0366 J	0.0618 J	0.0394 J	0.0873 J	0.0717 J
Vanadium	7440-62-2	mg/kg	50.3	12.2 J	20.3	9.21	9.46	9.08	14.2	12.5
Zinc	7440-66-6	mg/kg	88.0	24.2 J+	33.3	11.3	20.1	18.2	36.5	31.5
PCBs										
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—
SVOCs										
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.78 U	< 0.30 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.25 U	< 0.37 U	< 0.34 U
1-Methylnaphthalene	90-12-0	mg/kg	< 0.16 U	< 0.060 U	0.046 J	0.019	0.0070	< 0.050 U	< 0.074 UJ	0.042 J
2-Chloronaphthalene	91-58-7	mg/kg	< 0.31 U	< 0.12 U	< 0.15 U	< 0.10 U	< 0.096 U	< 0.10 U	< 0.15 U	< 0.14 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.16 U	0.035 J	< 0.074 U	0.025	0.011	0.027 J	0.049 J	0.060 J
2-Methylphenol	95-48-7	mg/kg	< 0.78 U	< 0.30 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.25 U	< 0.37 U	< 0.34 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.78 U	< 0.30 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.25 U	< 0.37 U	< 0.34 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.78 U	< 0.30 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.25 U	< 0.37 U	< 0.34 U
4-Chloroaniline	106-47-8	mg/kg	< 1.6 U	< 0.60 U	< 0.74 U	< 0.51 U	< 0.48 U	< 0.50 U	< 0.74 U	< 0.68 U
Acenaphthene	83-32-9	mg/kg	0.084 J	0.058 J	0.053 J	0.031	0.017	0.047 J	0.064 J	0.095 J
Acenaphthylene	208-96-8	mg/kg	0.29 J	0.093 J	0.14 J	0.034	0.077	0.20	0.32	0.42
Anthracene	120-12-7	mg/kg	0.36 J	0.18	0.19	0.062	0.16	0.23	0.37	0.47

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID		CH-SWSD059 CH-SWSD059-SE01 6/3/2017 N	CH-SWSD060 CH-SWSD060-SE01 6/3/2017 N	CH-SWSD061 CH-SWSD061-SE01 6/3/2017 N	CH-SWSD062 CH-SWSD062-SE01 6/2/2017 N	CH-SWSD063 CH-SWSD063-SE01 6/2/2017 N	CH-SWSD064 CH-SWSD064-SE01 6/2/2017 N	CH-SWSD065 CH-SWSD065-SE01 6/2/2017 N	CH-SWSD065 CH-SWSD065-SE01D 6/2/2017 FD CH-SWSD065-SE01	
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 3.1 U	< 1.2 U	< 1.5 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.5 U	< 1.4 U
Benzo(a)anthracene	56-55-3	mg/kg	1.4	0.66	0.74	0.19	0.26	0.64	1.1	1.2
Benzo(a)pyrene	50-32-8	mg/kg	1.3	0.57	0.59	0.15	0.22	0.59	0.87	1.0
Benzo(b)fluoranthene	205-99-2	mg/kg	2.8	1.1	1.3	0.33	0.57	1.3	2.2	2.5
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.83	0.34	0.37	0.038	0.059	0.39	0.57	0.66
Benzo(k)fluoranthene	207-08-9	mg/kg	0.98	0.36	0.42	0.14	0.21	0.55	0.83	1.0
Benzoic acid	65-85-0	mg/kg	< 12 U	< 4.5 U	< 5.6 U	< 3.8 U	< 3.6 U	< 3.8 U	< 5.5 U	< 5.1 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.78 U	< 0.30 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.25 U	< 0.37 U	< 0.34 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 3.1 U	< 1.2 U	< 1.5 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.5 U	< 1.4 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 3.1 U	< 1.2 U	< 1.5 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.5 U	< 1.4 U
Caprolactam	105-60-2	mg/kg	< 3.1 U	< 1.2 U	< 1.5 U	< 1.0 U	< 0.96 U	0.28 J	< 1.5 U	< 1.4 U
CARBAZOLE	86-74-8	mg/kg	< 0.78 U	< 0.30 U	< 0.37 U	< 0.26 U	< 0.24 U	0.13 J	< 0.37 UJ	0.24 J
Chrysene	218-01-9	mg/kg	1.7	0.73	0.83	0.20	0.34	0.95	1.5	1.9
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.30 J	0.093 J	0.11 J	0.016	0.022	0.14	0.20	0.24
Dibenzofuran	132-64-9	mg/kg	< 0.78 U	< 0.30 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.25 U	< 0.37 U	< 0.34 U
Diethyl phthalate	84-66-2	mg/kg	< 3.1 U	< 1.2 U	< 1.5 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.5 U	< 1.4 U
Dimethyl phthalate	131-11-3	mg/kg	< 3.1 U	< 1.2 U	< 1.5 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.5 U	< 1.4 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 3.1 U	< 1.2 U	< 1.5 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.5 U	< 1.4 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 3.1 U	< 1.2 U	< 1.5 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.5 U	< 1.4 U
Fluoranthene	206-44-0	mg/kg	2.4	1.3	1.4	0.28	0.42	1.7	2.0 J	3.5 J
Fluorene	86-73-7	mg/kg	< 0.16 U	0.064 J	0.051 J	0.019	0.013	0.057 J	0.082 J	0.10 J
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.83	0.37	0.40	0.048	0.076	0.41	0.58	0.65
Naphthalene	91-20-3	mg/kg	< 0.16 U	0.10 J	0.13 J	0.028	0.026	0.045 J	0.091 J	0.14 J
Phenanthrene	85-01-8	mg/kg	0.57	0.49	0.47	0.086	0.12	0.57	0.47 J	1.1 J
Pyrene	129-00-0	mg/kg	2.4	1.1	1.3	0.29	0.45	1.5	1.8 J	2.9 J
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	2.1	0.88	0.95	0.22	0.34	0.97	1.5	1.7
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	13	5.3	6.1	1.4	2.2	6.5	9.7	12
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	4.0	2.4	2.5	0.58	0.85	2.9	3.5	5.9
Total PAHs Calculated	CALC-PAH	mg/kg	17	7.7	8.6	2.0	3.1	9.4	13	18
TOC										
Total Organic Carbon	TOC	mg/kg	96100	13300 J	18300	2840	3080	5610	28400 J	18900 J

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD066 CH-SWSD066-SE01 6/2/2017 N	CH-SWSD067 CH-SWSD067-SE01 6/2/2017 N	CH-SWSD068 CH-SWSD068-SE01 6/2/2017 N	CH-SWSD069 CH-SWSD069-SE01 6/2/2017 N	CH-SWSD070 CH-SWSD070-SE01 6/2/2017 N	CH-SWSD071 CH-SWSD071-SE01 6/2/2017 N	CH-SWSD072 CH-SWSD072-SE01 6/2/2017 N	CH-SWSD073 CH-SWSD073-SE01 6/2/2017 N
Chemical	CAS	Units								
General Chemistry										
Oxidation Reduction Potential	ORP	mV	—	—	—	—	391	—	—	—
pH	PH	std units	—	—	—	—	4.45	—	—	—
Metals										
Aluminum	7429-90-5	mg/kg	7180	15900	8200	16700	10700	22100	11300	10600
Antimony	7440-36-0	mg/kg	0.435 J	3.14	2.44	8.52	2.52	0.951 J	1.38	< 0.850 U
Arsenic	7440-38-2	mg/kg	1.53 J	3.67	1.62 J	2.96 J	3.79	3.61	4.70	1.38 J
Barium	7440-39-3	mg/kg	109	61.4	30.3 J-	51.0 J-	91.5 J-	45.0	39.8	44.4
Beryllium	7440-41-7	mg/kg	0.330 J	0.485 J	0.235 J	0.552 J	0.389 J	0.520 J	0.401 J	0.345 J
Cadmium	7440-43-9	mg/kg	0.422 J	0.175 J	< 0.267 U	< 0.409 U	0.333 J	< 0.284 U	0.122 J	< 0.425 U
Calcium (Ca)	7440-70-2	mg/kg	7040	1630	597 J-	8480 J-	2250 J-	674	725	1010
Chromium	7440-47-3	mg/kg	7.68	13.1	8.82	18.5	12.3	17.1	41.2	5.68
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	12.3	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	1.9	3.3	2.2	4.6	—	4.3	10	1.4
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	< 1.2 U	—	—	—
Cobalt	7440-48-4	mg/kg	2.62	2.32	1.23	2.21	2.66	3.04	1.97	0.594 J
Copper	7440-50-8	mg/kg	22.3	34.6	18.5	43.6	21.8	63.8	35.6	16.0
Iron (Fe)	7439-89-6	mg/kg	5850	15300	4370	6740	10100	11600	29100	683
Lead	7439-92-1	mg/kg	54.6	161	81.7	193	87.4	221	115	18.1
Magnesium (Mg)	7439-95-4	mg/kg	2020	1290	812	1800	1430	1610	662	360
Manganese (Mn)	7439-96-5	mg/kg	162	53.4	41.6	57.0	93.4	58.9	76.5	12.3
Mercury	7439-97-6	mg/kg	0.0975 J	0.167 J	0.0748 J	0.164 J	0.0899 J	0.205 J	3.65	0.216 J
Nickel	7440-02-0	mg/kg	6.46	6.81	4.24	9.17	8.51	9.77	9.75	4.21
Potassium (K)	7440-09-7	mg/kg	1280	854	553	920	985	973	634	535
Selenium	7782-49-2	mg/kg	0.438 J	1.33 J	0.627 J	1.38 J	0.641 J	1.09 J	1.52 J	1.34 J
Silver	7440-22-4	mg/kg	0.0780 J	0.143 J	0.0677 J	0.193 J	0.0889 J	0.144 J	0.738	0.124 J
Sodium (Na)	7440-23-5	mg/kg	524	431	176 J	923	260	279	283	340
Thallium	7440-28-0	mg/kg	0.105 J	< 0.217 U	< 0.133 UJ	< 0.205 UJ	0.109 J	0.117 J	< 0.147 U	< 0.212 U
Vanadium	7440-62-2	mg/kg	13.7	28.5	12.3	22.2	19.6	36.0	22.4	20.0
Zinc	7440-66-6	mg/kg	68.0	29.0	15.2 J	517	58.4	32.1	41.5	14.4 J
PCBs										
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—
SVOCs										
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.54 U	< 0.82 U	< 0.49 U	< 0.80 U	< 0.50 U	< 0.11 U	< 0.13 U	< 0.15 U
1-Methylnaphthalene	90-12-0	mg/kg	< 0.11 U	< 0.16 U	< 0.098 U	< 0.16 U	0.14 J	0.17	0.0057 J	< 0.0062 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.22 U	< 0.33 U	< 0.20 U	< 0.32 U	< 0.20 U	< 0.045 U	< 0.051 U	< 0.062 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.11 U	< 0.16 U	< 0.098 U	0.088 J	0.20 J	0.20	0.0073	0.0036 J
2-Methylphenol	95-48-7	mg/kg	< 0.54 U	< 0.82 U	< 0.49 U	< 0.80 U	< 0.50 U	< 0.11 U	< 0.13 U	< 0.15 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.54 U	< 0.82 U	< 0.49 U	< 0.80 U	< 0.50 U	0.060 J	< 0.13 U	< 0.15 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.54 U	< 0.82 U	< 0.49 U	< 0.80 U	< 0.50 U	< 0.11 U	< 0.13 U	< 0.15 U
4-Chloroaniline	106-47-8	mg/kg	< 1.1 U	< 1.6 U	< 0.98 U	< 1.6 U	< 1.0 U	< 0.23 U	< 0.26 U	< 0.31 U
Acenaphthene	83-32-9	mg/kg	0.13 J	0.10 J	0.059 J	0.11 J	0.13 J	0.10	0.0070	< 0.0062 U
Acenaphthylene	208-96-8	mg/kg	1.6	0.57	0.37	0.77	0.54	0.071	0.020	< 0.0062 U
Anthracene	120-12-7	mg/kg	1.6	0.68	0.55	0.98	0.83	0.31	0.044	0.0097

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID		CH-SWSD066 CH-SWSD066-SE01 6/2/2017 N	CH-SWSD067 CH-SWSD067-SE01 6/2/2017 N	CH-SWSD068 CH-SWSD068-SE01 6/2/2017 N	CH-SWSD069 CH-SWSD069-SE01 6/2/2017 N	CH-SWSD070 CH-SWSD070-SE01 6/2/2017 N	CH-SWSD071 CH-SWSD071-SE01 6/2/2017 N	CH-SWSD072 CH-SWSD072-SE01 6/2/2017 N	CH-SWSD073 CH-SWSD073-SE01 6/2/2017 N	
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 2.2 U	< 3.3 U	< 2.0 U	< 3.2 U	1.0 J	0.35 J	< 0.51 U	< 0.62 U
Benzo(a)anthracene	56-55-3	mg/kg	8.3	2.7	2.1	3.4	2.6	1.5	0.15	0.027
Benzo(a)pyrene	50-32-8	mg/kg	5.0	2.1	1.4	2.5	1.6	1.5	0.12	0.040
Benzo(b)fluoranthene	205-99-2	mg/kg	10	4.2	3.2	6.9	4.5	2.2	0.33	0.055
Benzo(g,h,i)perylene	191-24-2	mg/kg	2.9	1.3	0.90	1.7	1.2	0.99	0.030	0.0076 J
Benzo(k)fluoranthene	207-08-9	mg/kg	4.7	2.0	1.5	2.4	2.1	1.2	0.13	0.022
Benzoic acid	65-85-0	mg/kg	< 8.1 U	< 12 U	< 7.4 U	< 12 U	2.5 J	1.3 J	1.1 J	< 2.3 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.54 U	< 0.82 U	< 0.49 U	< 0.80 U	< 0.50 U	< 0.11 U	< 0.13 U	< 0.15 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 2.2 U	< 3.3 U	< 2.0 U	< 3.2 U	< 2.0 U	< 0.45 U	< 0.51 U	< 0.62 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 2.2 U	< 3.3 U	< 2.0 U	< 3.2 U	< 2.0 U	< 0.45 U	< 0.51 U	< 0.62 U
Caprolactam	105-60-2	mg/kg	< 2.2 U	< 3.3 U	< 2.0 U	< 3.2 U	< 2.0 U	< 0.45 U	< 0.51 U	< 0.62 U
CARBAZOLE	86-74-8	mg/kg	0.41 J	< 0.82 U	0.27 J	0.62 J	0.37 J	0.090 J	< 0.13 U	< 0.15 U
Chrysene	218-01-9	mg/kg	8.3	3.4	2.5	4.5	3.5	1.6	0.27	0.034
Dibenz(a,h)anthracene	53-70-3	mg/kg	1.0	0.47	0.36	0.60	0.47	0.26	0.013	< 0.0062 U
Dibenzofuran	132-64-9	mg/kg	< 0.54 U	< 0.82 U	< 0.49 U	< 0.80 U	< 0.50 U	0.080 J	< 0.13 U	< 0.15 U
Diethyl phthalate	84-66-2	mg/kg	< 2.2 U	< 3.3 U	< 2.0 U	< 3.2 U	< 2.0 U	< 0.45 U	< 0.51 U	< 0.62 U
Dimethyl phthalate	131-11-3	mg/kg	< 2.2 U	< 3.3 U	< 2.0 U	< 3.2 U	< 2.0 U	< 0.45 U	< 0.51 U	< 0.62 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 2.2 U	< 3.3 U	< 2.0 U	< 3.2 U	< 2.0 U	< 0.45 U	< 0.51 U	< 0.62 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 2.2 U	< 3.3 U	< 2.0 U	< 3.2 U	< 2.0 U	< 0.45 U	< 0.51 U	< 0.62 U
Fluoranthene	206-44-0	mg/kg	9.4	4.6	3.4	7.4	6.8	3.0	0.38	0.069
Fluorene	86-73-7	mg/kg	0.12 J	0.088 J	0.073 J	0.13 J	0.14 J	0.11	0.0091	0.0088
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	3.1	1.4	0.94	1.8	1.2	1.0	0.039	0.0091
Naphthalene	91-20-3	mg/kg	0.091 J	< 0.16 U	0.11 J	0.22 J	0.11 J	0.20	0.012	0.0057 J
Phenanthrene	85-01-8	mg/kg	0.65	0.68	0.44	0.98	0.81	1.2	0.12	0.034
Pyrene	129-00-0	mg/kg	14	5.5	3.6	6.9	5.6	2.6	0.32	0.059
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	8.2	3.4	2.4	4.3	2.9	2.2	0.19	0.051
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	57	23	17	31	23	13	1.4	0.26
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	14	7.0	5.1	11	9.7	5.4	0.61	0.14
Total PAHs Calculated	CALC-PAH	mg/kg	71	30	22	41	32	18	2.0	0.40
TOC										
Total Organic Carbon	TOC	mg/kg	205000	294000	59800	151000	162000	211000	160000	250000

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID		CH-SWSD074 CH-SWSD074-SE01 6/2/2017 N	CH-SWSD075 CH-SWSD075-SE01 6/2/2017 N	CH-SWSD075 CH-SWSD075-SE01D 6/2/2017 FD CH-SWSD075-SE01	CH-SWSD076 CH-SWSD076-SE01 6/2/2017 N	CH-SWSD077 CH-SWSD077-SE01 6/2/2017 N	CH-SWSD078 CH-SWSD078-SE01 6/2/2017 N	CH-SWSD079 CH-SWSD079-SE01 6/2/2017 N	CH-SWSD080 CH-SWSD080-SE01 6/5/2017 N	
Chemical	CAS	Units								
General Chemistry										
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	489	
pH	PH	std units	—	—	—	—	—	—	5.07	
Metals										
Aluminum	7429-90-5	mg/kg	14100	11300	10500	6110	7470	7750	9600	1510
Antimony	7440-36-0	mg/kg	< 0.376 U	< 0.977 U	< 0.834 U	< 0.644 U	< 1.21 U	< 1.07 U	0.405 J	< 0.244 U
Arsenic	7440-38-2	mg/kg	1.54	1.20 J	1.06 J	0.882 J	1.48 J	1.41 J	1.71 J	0.534 J
Barium	7440-39-3	mg/kg	39.1	40.3 J-	35.8 J-	42.8 J-	127 J-	131 J-	44.5 J-	11.1
Beryllium	7440-41-7	mg/kg	0.395	0.428 J	0.345 J	0.355 J	0.874 J	0.678 J	0.292 J	0.0982 J
Cadmium	7440-43-9	mg/kg	0.0808 J	< 0.488 U	< 0.417 U	0.139 J	0.509 J	0.475 J	0.168 J	0.0493 J
Calcium (Ca)	7440-70-2	mg/kg	555	923 J	618 J	777 J-	3380 J-	3820 J-	1590 J-	273 J
Chromium	7440-47-3	mg/kg	15.0	7.17	8.08	3.90	3.87 J	4.01 J	10.1	2.01
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	—	1.2 J
Chromium(VI) (b)	18540-29-9	mg/kg	3.8	1.8	2.0	0.98	0.97 J	1.0 J	2.5	—
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	—	0.80 J
Cobalt	7440-48-4	mg/kg	1.12	0.817 J	0.787 J	0.461 J	0.250 J	1.52	1.01	0.409
Copper	7440-50-8	mg/kg	8.21	16.2	12.8	9.79	19.2	21.1	10.5	0.925 J
Iron (Fe)	7439-89-6	mg/kg	2600	1150	1460	529	588	683	2710	976
Lead	7439-92-1	mg/kg	9.66	12.9	10.8	7.50	20.3	25.0	28.6	1.49 J
Magnesium (Mg)	7439-95-4	mg/kg	994	563	681	316	887	748	870	292
Manganese (Mn)	7439-96-5	mg/kg	32.4	20.7	22.7	14.7	13.8	17.4	42.5	20.1
Mercury	7439-97-6	mg/kg	0.0833 J	0.113 J	0.0826 J	0.0731 J	0.0928 J	0.160 J	0.159 J	< 0.0254 U
Nickel	7440-02-0	mg/kg	4.84	4.28	4.49	2.97	5.43	5.98	5.39	1.18 J
Potassium (K)	7440-09-7	mg/kg	782	616	589	402	384 J	313 J	884	255
Selenium	7782-49-2	mg/kg	1.24 J	1.68 J	1.39 J	0.949 J	1.53 J	1.77 J	1.26 J	< 0.244 U
Silver	7440-22-4	mg/kg	0.0759 J	< 0.244 U	< 0.209 U	< 0.161 U	< 0.303 U	0.272 J	0.190 J	< 0.0610 U
Sodium (Na)	7440-23-5	mg/kg	140 J	349 J	266 J	246 J	409 J	377 J	355	129
Thallium	7440-28-0	mg/kg	0.114 J	< 0.244 UJ	< 0.209 UJ	< 0.161 UJ	< 0.303 UJ	< 0.267 UJ	< 0.169 UJ	< 0.0610 U
Vanadium	7440-62-2	mg/kg	15.2	19.6	16.7	11.9	23.0	21.1	11.3	2.57 J
Zinc	7440-66-6	mg/kg	15.2	19.2 J	17.2 J	14.0 J	59.6	57.5	21.2	4.54 J
PCBs										
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—
SVOCs										
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.072 U	< 0.19 U	< 0.15 U	< 0.13 UJ	< 1.0 U	< 1.0 U	< 0.11 U	< 0.052 U
1-Methylnaphthalene	90-12-0	mg/kg	< 0.0029 U	< 0.0076 U	< 0.0062 U	0.0036 J	0.0057 J	< 0.0082 U	0.0056 J-	0.24 J
2-Chloronaphthalene	91-58-7	mg/kg	< 0.029 U	< 0.076 U	< 0.062 U	< 0.051 UJ	< 0.40 U	< 0.41 U	< 0.045 U	< 0.021 U
2-Methylnaphthalene	91-57-6	mg/kg	0.0016 J	< 0.0076 U	< 0.0062 U	0.0046 J	0.0098 J	0.0075 J	0.0065 J-	0.54 J
2-Methylphenol	95-48-7	mg/kg	< 0.072 U	< 0.19 U	< 0.15 U	< 0.13 UJ	< 1.0 U	< 1.0 U	< 0.11 U	< 0.052 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.072 U	< 0.19 U	< 0.15 U	< 0.13 UJ	< 1.0 U	< 1.0 U	0.12	< 0.052 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.072 U	< 0.19 U	< 0.15 U	< 0.13 UJ	< 1.0 U	< 1.0 U	< 0.11 U	< 0.052 U
4-Chloroaniline	106-47-8	mg/kg	< 0.14 U	< 0.38 U	< 0.31 U	< 0.26 UJ	< 2.0 U	< 2.1 U	< 0.23 UJ	< 0.10 U
Acenaphthene	83-32-9	mg/kg	< 0.0029 U	< 0.0076 U	< 0.0062 U	0.039	0.0080 J	0.0084 J	0.056 J-	0.64 J
Acenaphthylene	208-96-8	mg/kg	< 0.0029 U	< 0.0076 U	< 0.0062 U	0.020	0.0023 J	0.0021 J	0.041 J-	0.17
Anthracene	120-12-7	mg/kg	0.0037	0.0046 J	0.0027 J	0.0076	0.020	0.023	0.031 J-	0.25

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD074	CH-SWSD075	CH-SWSD075	CH-SWSD076	CH-SWSD077	CH-SWSD078	CH-SWSD079	CH-SWSD080
		Sample ID	CH-SWSD074-SE01	CH-SWSD075-SE01	CH-SWSD075-SE01D	CH-SWSD076-SE01	CH-SWSD077-SE01	CH-SWSD078-SE01	CH-SWSD079-SE01	CH-SWSD080-SE01
		Sample Date	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/2/2017	6/5/2017
		Sample Type Code	N	N	FD	N	N	N	N	N
		Parent Sample ID			CH-SWSD075-SE01					
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 0.29 U	< 0.76 U	< 0.62 U	0.37 J-	< 4.0 U	< 4.1 U	0.38 J	< 0.21 U
Benzo(a)anthracene	56-55-3	mg/kg	0.0084	0.0083 J	0.0049 J	0.023	0.085	0.059	0.11 J-	0.76
Benzo(a)pyrene	50-32-8	mg/kg	0.017	0.0096 J	0.0060 J	0.048	0.10	0.070	0.11 J-	0.48
Benzo(b)fluoranthene	205-99-2	mg/kg	0.016	0.018 J	0.010 J	0.055	0.15	0.11	0.19 J-	1.2
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.0026 J	< 0.0076 U	< 0.0062 U	0.0056 J	0.024	0.019	0.028 J-	0.28
Benzo(k)fluoranthene	207-08-9	mg/kg	0.0061	0.0062 J	0.0036 J	0.018	0.066	0.038	0.075 J-	0.42
Benzoic acid	65-85-0	mg/kg	0.43 J	< 2.8 U	< 2.3 U	1.6 J-	< 15 U	< 15 U	1.4 J	< 0.78 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.072 U	< 0.19 U	< 0.15 U	< 0.13 UJ	< 1.0 U	< 1.0 U	< 0.11 U	0.13 J
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.29 U	< 0.76 U	< 0.62 U	< 0.51 UJ	< 4.0 U	< 4.1 U	< 0.45 U	< 0.21 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.29 U	< 0.76 U	< 0.62 U	< 0.51 UJ	< 4.0 U	< 4.1 U	< 0.45 U	< 0.21 U
Caprolactam	105-60-2	mg/kg	< 0.29 U	< 0.76 U	< 0.62 U	< 0.51 UJ	< 4.0 U	< 4.1 U	< 0.45 U	< 0.21 U
CARBAZOLE	86-74-8	mg/kg	< 0.072 U	< 0.19 U	< 0.15 U	< 0.13 UJ	< 1.0 U	< 1.0 U	0.067 J	0.14
Chrysene	218-01-9	mg/kg	0.012	0.011 J	0.0065 J	0.033	0.11	0.072	0.13 J-	1.2
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.0029 U	< 0.0076 U	< 0.0062 U	0.0027 J	0.0062 J	0.0066 J	0.011 J-	0.089
Dibenzofuran	132-64-9	mg/kg	< 0.072 U	< 0.19 U	< 0.15 U	< 0.13 UJ	< 1.0 U	< 1.0 U	< 0.11 U	0.34 J
Diethyl phthalate	84-66-2	mg/kg	< 0.29 U	< 0.76 U	< 0.62 U	< 0.51 UJ	< 4.0 U	< 4.1 U	< 0.45 U	< 0.21 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.29 U	< 0.76 U	< 0.62 U	< 0.51 UJ	< 4.0 U	< 4.1 U	< 0.45 U	< 0.21 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.29 U	< 0.76 U	< 0.62 U	< 0.51 UJ	< 4.0 U	< 4.1 U	< 0.45 U	< 0.21 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.29 U	< 0.76 U	< 0.62 U	< 0.51 UJ	< 4.0 U	< 4.1 U	< 0.45 U	< 0.21 U
Fluoranthene	206-44-0	mg/kg	0.022	0.018 J	0.011 J	0.067	0.25	0.17	0.32 J-	1.9
Fluorene	86-73-7	mg/kg	0.0055	0.0077 J	0.0039 J	< 0.0051 U	0.0081 J	0.018	0.0094 J-	0.31 J
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.0030 J	< 0.0076 U	< 0.0062 U	0.0069	0.030	0.022	0.035 J-	0.30
Naphthalene	91-20-3	mg/kg	0.0029 J	< 0.0076 U	< 0.0062 U	0.0041 J	0.015	0.017	0.070 J-	0.21
Phenanthrene	85-01-8	mg/kg	0.011	0.0096 J	0.0059 J	0.034	0.11	0.090	0.16 J-	0.37 J
Pyrene	129-00-0	mg/kg	0.018	0.016 J	0.0097 J	0.058	0.17	0.11	0.22 J-	1.6
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.020	0.013	0.0090	0.059	0.13	0.096	0.16	0.80
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	0.086	0.088	0.055	0.25	0.74	0.51	0.91	6.3
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	0.051	0.063	0.044	0.18	0.43	0.34	0.70	4.6
Total PAHs Calculated	CALC-PAH	mg/kg	0.14	0.15	0.10	0.43	1.2	0.85	1.6	11
TOC										
Total Organic Carbon	TOC	mg/kg	77100	305000	276000	225000	325000	346000	186000	13500

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID		CH-SWSD080 CH-SWSD080-SE01D 6/5/2017 FD CH-SWSD080-SE01	CH-SWSD081 CH-SWSD081-SE01 6/5/2017 N	CH-SWSD082 CH-SWSD082-SE01 6/5/2017 N	CH-SWSD083 CH-SWSD083-SE01 6/5/2017 N	CH-SWSD084 CH-SWSD084-SE01 6/5/2017 N	CH-SWSD085 CH-SWSD085-SE01 6/5/2017 N	CH-SWSD085 CH-SWSD085-SE01D 6/5/2017 FD CH-SWSD085-SE01	CH-SWSD086 CH-SWSD086-SE01 6/5/2017 N
Chemical	CAS	Units							
General Chemistry									
Oxidation Reduction Potential	ORP	mV	488	—	—	—	—	—	—
pH	PH	std units	5.08	—	—	—	—	—	—
Metals									
Aluminum	7429-90-5	mg/kg	1850	2490	3980	5380	3460	2930	3870
Antimony	7440-36-0	mg/kg	< 0.246 U	< 0.318 U	< 0.340 U	< 0.304 U	< 0.249 U	< 0.269 U	< 0.203 U
Arsenic	7440-38-2	mg/kg	0.705 J	0.572 J	1.01 J	0.957 J	0.900 J	0.510 J	0.723 J
Barium	7440-39-3	mg/kg	12.6	17.1	21.1	24.3	13.9	11.8	13.9
Beryllium	7440-41-7	mg/kg	0.131 J	0.264 J	0.286 J	0.231 J	0.134 J	0.121 J	0.173 J
Cadmium	7440-43-9	mg/kg	0.0495 J	0.0694 J	< 0.170 U	< 0.152 U	< 0.125 U	< 0.134 U	< 0.101 U
Calcium (Ca)	7440-70-2	mg/kg	380 J	439	656	710	423	418	545
Chromium	7440-47-3	mg/kg	2.62	3.13	4.35	6.62	4.42	4.06	5.35
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	2.6 J	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	—	0.78	1.1	1.7	1.1	1.0	1.3
Chromium(VI)	18540-29-9	mg/kg	< 0.63 UJ	—	—	—	—	—	—
Cobalt	7440-48-4	mg/kg	0.514	0.688	0.787	1.27	0.873	0.750	0.980
Copper	7440-50-8	mg/kg	1.53 J	2.02	3.11	2.88	1.96	2.25 J	4.21 J
Iron (Fe)	7439-89-6	mg/kg	1140	1550	1850	3140	2640	1930 J	2690 J
Lead	7439-92-1	mg/kg	2.09 J	2.86	4.80	3.41	2.64	3.15 J	4.61 J
Magnesium (Mg)	7439-95-4	mg/kg	369	552	648	999	655	517 J	738 J
Manganese (Mn)	7439-96-5	mg/kg	22.1	39.1	37.0	45.7	36.3	30.5 J	45.7 J
Mercury	7439-97-6	mg/kg	< 0.0245 U	< 0.0279 U	0.0283 J	0.0243 J	< 0.0267 U	0.0188 J	0.0149 J
Nickel	7440-02-0	mg/kg	1.73 J	2.30	2.47	4.04	2.85	2.38	2.91
Potassium (K)	7440-09-7	mg/kg	258	325	412	560	407	401	479
Selenium	7782-49-2	mg/kg	< 0.246 U	0.165 J	0.395 J	0.279 J	0.134 J	0.133 J	0.200 J
Silver	7440-22-4	mg/kg	< 0.0616 U	< 0.0796 U	< 0.0851 U	< 0.0761 U	< 0.0623 U	< 0.0672 U	< 0.0507 U
Sodium (Na)	7440-23-5	mg/kg	110	151	162	123	76.3 J	97.8 J	80.0 J
Thallium	7440-28-0	mg/kg	< 0.0616 U	< 0.0796 U	< 0.0851 U	0.0621 J	< 0.0623 U	< 0.0672 UJ	0.0474 J
Vanadium	7440-62-2	mg/kg	3.78 J	5.20	6.49	8.64	5.82	5.38	6.91
Zinc	7440-66-6	mg/kg	6.35 J	11.2	8.90 J	12.3	9.16	7.22 J	12.2 J
PCBs									
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—
SVOCs									
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.053 U	< 0.060 U	< 0.062 U	< 0.056 U	< 0.057 U	< 0.045 U	< 0.046 U
1-Methylnaphthalene	90-12-0	mg/kg	0.34 J	0.022 J	0.32	0.12	0.019 J	0.080 J	0.19 J
2-Chloronaphthalene	91-58-7	mg/kg	< 0.021 U	< 0.024 U	< 0.025 U	< 0.022 U	< 0.023 U	< 0.018 U	< 0.018 U
2-Methylnaphthalene	91-57-6	mg/kg	0.76 J	0.032	0.49	0.14	0.023 J	0.099 J	0.21 J
2-Methylphenol	95-48-7	mg/kg	< 0.053 U	< 0.060 U	< 0.062 U	< 0.056 U	< 0.057 U	< 0.045 U	< 0.046 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.053 U	< 0.060 U	< 0.062 U	< 0.056 U	< 0.057 U	< 0.045 U	< 0.046 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.053 U	< 0.060 U	< 0.062 U	< 0.056 U	< 0.057 U	< 0.045 U	< 0.046 U
4-Chloroaniline	106-47-8	mg/kg	< 0.11 U	< 0.12 U	< 0.12 U	< 0.11 U	< 0.11 U	< 0.089 U	< 0.092 U
Acenaphthene	83-32-9	mg/kg	0.90 J	0.11	0.80	0.54	0.11	0.026	0.032
Acenaphthylene	208-96-8	mg/kg	0.17	0.24	0.44	0.12	0.53	0.053	0.048
Anthracene	120-12-7	mg/kg	0.24	0.33	0.78	0.66	0.74	0.17 J	0.10 J

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD080	CH-SWSD081	CH-SWSD082	CH-SWSD083	CH-SWSD084	CH-SWSD085	CH-SWSD085	CH-SWSD086
		Sample ID	CH-SWSD080-SE01D	CH-SWSD081-SE01	CH-SWSD082-SE01	CH-SWSD083-SE01	CH-SWSD084-SE01	CH-SWSD085-SE01	CH-SWSD085-SE01D	CH-SWSD086-SE01
		Sample Date	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017	6/5/2017
		Sample Type Code	FD	N	N	N	N	N	FD	N
		Parent Sample ID	CH-SWSD080-SE01						CH-SWSD085-SE01	
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 0.21 U	< 0.24 U	< 0.25 U	< 0.22 U	< 0.23 U	< 0.18 U	< 0.18 U	< 0.18 U
Benzo(a)anthracene	56-55-3	mg/kg	0.62	0.80	2.4	0.62	2.6	0.49 J	0.28 J	0.61
Benzo(a)pyrene	50-32-8	mg/kg	0.42	0.61	1.6	0.37	1.3	0.45 J	0.26 J	0.54
Benzo(b)fluoranthene	205-99-2	mg/kg	1.1	1.4	3.1	0.73	2.6	0.70 J	0.45 J	0.83
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.25	0.35	0.81	0.19	0.67	0.26 J	0.16 J	0.31
Benzo(k)fluoranthene	207-08-9	mg/kg	0.40	0.55	1.3	0.36	1.3	0.29 J	0.18 J	0.43
Benzoic acid	65-85-0	mg/kg	< 0.79 U	< 0.90 U	0.32 J	< 0.83 U	< 0.85 U	< 0.67 UJ	0.23 J	< 0.68 U
Biphenyl, 1,1'-	92-52-4	mg/kg	0.20 J	< 0.060 U	0.17	0.11	< 0.057 U	< 0.045 UJ	0.029 J	< 0.045 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.21 U	< 0.24 U	< 0.25 U	< 0.22 U	< 0.23 U	< 0.18 U	< 0.18 U	< 0.18 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.21 U	< 0.24 U	< 0.25 U	< 0.22 U	< 0.23 U	< 0.18 U	< 0.18 U	< 0.18 U
Caprolactam	105-60-2	mg/kg	< 0.21 U	< 0.24 U	< 0.25 U	< 0.22 U	< 0.23 U	< 0.18 U	< 0.18 U	< 0.18 U
CARBAZOLE	86-74-8	mg/kg	0.18	0.17	0.34	0.083	0.22	0.058	0.050	0.092
Chrysene	218-01-9	mg/kg	1.1	1.3	2.9	0.86	3.5	0.56 J	0.33 J	0.73
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.081	0.12	0.27	0.063	0.22	0.086 J	0.052 J	0.099
Dibenzofuran	132-64-9	mg/kg	0.57 J	0.093	0.40	0.62	0.036 J	0.041 J	0.069 J	0.044 J
Diethyl phthalate	84-66-2	mg/kg	< 0.21 U	< 0.24 U	< 0.25 U	< 0.22 U	< 0.23 U	< 0.18 U	< 0.18 U	< 0.18 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.21 U	< 0.24 U	< 0.25 U	< 0.22 U	< 0.23 U	< 0.18 U	< 0.18 U	< 0.18 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.21 U	< 0.24 U	< 0.25 U	< 0.22 U	< 0.23 U	< 0.18 U	< 0.18 U	< 0.18 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.21 U	< 0.24 U	< 0.25 U	< 0.22 U	< 0.23 U	< 0.18 U	< 0.18 U	< 0.18 U
Fluoranthene	206-44-0	mg/kg	2.0	2.4	4.0	2.3	8.5	0.86 J	0.51 J	1.4
Fluorene	86-73-7	mg/kg	0.48 J	0.13	0.51	0.78	0.13	0.045	0.055	0.096
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.27	0.36	0.87	0.20	0.71	0.26 J	0.16 J	0.32
Naphthalene	91-20-3	mg/kg	0.26	0.045	0.37	0.24	0.040	0.095 J	0.18 J	0.024
Phenanthrene	85-01-8	mg/kg	0.53 J	0.63	1.2	0.42	0.60	0.39	0.35	0.83
Pyrene	129-00-0	mg/kg	1.6	2.0	3.9	1.8	6.8	0.75 J	0.45 J	1.1
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.71	0.99	2.5	0.59	2.1	0.68	0.40	0.82
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	5.8	7.5	17	5.2	20	3.8	2.3	5.0
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	5.7	3.9	8.9	5.3	11	1.8	1.7	2.8
Total PAHs Calculated	CALC-PAH	mg/kg	12	11	26	11	30	5.7	4.0	7.8
TOC										
Total Organic Carbon	TOC	mg/kg	11000	27800	26300 J	21600	10800	5550	6910	6820

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID		CH-SWSD087 CH-SWSD087-SE01 6/5/2017 N	CH-SWSD088 CH-SWSD088-SE01 6/5/2017 N	CH-SWSD089 CH-SWSD089-SE01 6/5/2017 N	CH-SWSD090 CH-SWSD090-SE01 6/5/2017 N	CH-SWSD091 CH-SWSD091-SE01 6/5/2017 N	CH-SWSD092 CH-SWSD092-SE01 6/5/2017 N	CH-SWSD093 CH-SWSD093-SE01 6/5/2017 N	CH-SWSD094 CH-SWSD094-SE01 6/5/2017 N
Chemical	CAS	Units							
General Chemistry									
Oxidation Reduction Potential	ORP	mV	—	—	—	492	—	—	—
pH	PH	std units	—	—	—	5.13	—	—	—
Metals									
Aluminum	7429-90-5	mg/kg	4340	1910	6520	2900 J	2750	1860	2700
Antimony	7440-36-0	mg/kg	< 0.214 U	< 0.280 U	< 0.540 U	< 0.268 UJ	< 0.307 U	< 0.266 U	< 0.291 U
Arsenic	7440-38-2	mg/kg	1.38	0.616 J	1.55 J	0.537 J	0.566 J	0.772 J	0.976 J
Barium	7440-39-3	mg/kg	12.8	12.8	36.8	10.9	14.4	9.52	13.9
Beryllium	7440-41-7	mg/kg	0.131 J	0.0824 J	0.335 J	0.111 J	0.181 J	0.0850 J	0.0982 J
Cadmium	7440-43-9	mg/kg	< 0.107 U	< 0.140 U	0.133 J	< 0.134 UJ	0.0596 J	< 0.133 U	< 0.146 U
Calcium (Ca)	7440-70-2	mg/kg	450	430	1180	288 J	477	441	569
Chromium	7440-47-3	mg/kg	6.24	2.36	9.68	3.60	3.58	2.82	4.15
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	2.2	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	1.6	0.59	2.4	—	0.90	0.71	1.0
Chromium(VI)	18540-29-9	mg/kg	—	—	—	1.4 J	—	—	—
Cobalt	7440-48-4	mg/kg	1.23	0.575	2.30	0.520 J	0.698	0.506	0.606
Copper	7440-50-8	mg/kg	2.32	4.44	11.3	6.23 J	4.43	1.36	1.63
Iron (Fe)	7439-89-6	mg/kg	3560	2120	4670	1790 J	1960	1560	2240
Lead	7439-92-1	mg/kg	2.46	2.77	12.3	5.18 J	4.26	2.16	2.92
Magnesium (Mg)	7439-95-4	mg/kg	788	357	1330	440 J	511	375	532
Manganese (Mn)	7439-96-5	mg/kg	53.9	31.9	67.9	28.7 J	35.2	33.9	39.5
Mercury	7439-97-6	mg/kg	0.0151 J	< 0.0223 U	0.0654 J	0.0250 J	< 0.0239 U	< 0.0280 U	0.0235 J
Nickel	7440-02-0	mg/kg	3.88	1.42	5.53	1.95 J	2.22	1.26	2.01
Potassium (K)	7440-09-7	mg/kg	545	273	785	338 J	406	284	384
Selenium	7782-49-2	mg/kg	0.143 J	< 0.280 U	0.418 J	0.158 J	0.140 J	< 0.266 U	< 0.291 U
Silver	7440-22-4	mg/kg	< 0.0534 U	< 0.0700 U	< 0.135 U	< 0.0669 UJ	< 0.0768 U	< 0.0666 U	< 0.0728 U
Sodium (Na)	7440-23-5	mg/kg	73.8 J	122	239	109 J	134	113	157
Thallium	7440-28-0	mg/kg	0.0478 J	< 0.0700 U	0.0837 J	< 0.0669 UJ	< 0.0768 U	< 0.0666 U	< 0.0728 U
Vanadium	7440-62-2	mg/kg	9.59	3.85	13.4	4.63 J	6.07	3.99	5.96
Zinc	7440-66-6	mg/kg	11.0	9.53	28.5	4.57 J	8.19 J	6.11 J	6.55 J
PCBs									
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—
SVOCs									
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.043 U	< 0.047 U	< 0.10 U	< 0.049 U	< 0.051 U	< 0.056 U	< 0.055 U
1-Methylnaphthalene	90-12-0	mg/kg	0.10	0.039	0.082	0.25	0.12	0.015 J	1.9
2-Chloronaphthalene	91-58-7	mg/kg	< 0.017 U	< 0.019 U	< 0.041 U	< 0.020 U	< 0.021 U	< 0.022 U	< 0.022 U
2-Methylnaphthalene	91-57-6	mg/kg	0.099	0.031	0.075	0.24	0.095	0.017 J	2.3
2-Methylphenol	95-48-7	mg/kg	< 0.043 U	< 0.047 U	< 0.10 U	< 0.049 U	< 0.051 U	< 0.056 U	0.076
3,4-Methylphenol	108394/106445	mg/kg	< 0.043 U	< 0.047 U	< 0.10 U	< 0.049 U	< 0.051 U	< 0.056 U	0.20
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.043 U	< 0.047 U	< 0.10 U	< 0.049 U	< 0.051 U	< 0.056 U	< 0.055 U
4-Chloroaniline	106-47-8	mg/kg	< 0.085 U	< 0.095 U	< 0.20 U	< 0.098 U	< 0.10 U	< 0.11 U	< 0.11 U
Acenaphthene	83-32-9	mg/kg	0.11	0.076	0.24	0.38	0.46	0.039	5.7
Acenaphthylene	208-96-8	mg/kg	0.13	0.15	0.30	0.41	0.56	0.14	0.27
Anthracene	120-12-7	mg/kg	0.26	0.23	0.49	0.59	0.43	0.22	12

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID		CH-SWSD087 CH-SWSD087-SE01 6/5/2017 N	CH-SWSD088 CH-SWSD088-SE01 6/5/2017 N	CH-SWSD089 CH-SWSD089-SE01 6/5/2017 N	CH-SWSD090 CH-SWSD090-SE01 6/5/2017 N	CH-SWSD091 CH-SWSD091-SE01 6/5/2017 N	CH-SWSD092 CH-SWSD092-SE01 6/5/2017 N	CH-SWSD093 CH-SWSD093-SE01 6/5/2017 N	CH-SWSD094 CH-SWSD094-SE01 6/5/2017 N	
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 0.17 U	< 0.19 U	< 0.41 U	< 0.20 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.21 U
Benzo(a)anthracene	56-55-3	mg/kg	0.52	0.67	1.2	1.9 J-	1.0	1.1	19	0.47
Benzo(a)pyrene	50-32-8	mg/kg	0.42	0.45	0.89	1.3	0.86	0.77	15	0.39
Benzo(b)fluoranthene	205-99-2	mg/kg	0.77	1.0	2.1	3.0 J-	2.7	1.5	20	0.88
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.25	0.28	0.59	0.80	0.61	0.40	6.6	0.24
Benzo(k)fluoranthene	207-08-9	mg/kg	0.41	0.42	0.87	1.5	0.98	0.72	8.0	0.30
Benzoic acid	65-85-0	mg/kg	< 0.64 U	< 0.71 U	0.53 J	< 0.74 U	0.28 J	< 0.84 U	< 0.83 U	< 0.79 U
Biphenyl, 1,1'-	92-52-4	mg/kg	0.045	< 0.047 U	< 0.10 U	0.12	0.086	< 0.056 U	0.74	< 0.053 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.17 U	< 0.19 U	< 0.41 U	< 0.20 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.21 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.19 U	< 0.41 U	< 0.20 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.21 U
Caprolactam	105-60-2	mg/kg	< 0.17 U	< 0.19 U	< 0.41 U	< 0.20 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.21 U
CARBAZOLE	86-74-8	mg/kg	0.21	0.14	0.38	0.78	0.42	0.10	4.7	0.11
Chrysene	218-01-9	mg/kg	0.93	1.0	2.0	3.8 J-	3.4	1.4	19	0.80
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.079	0.095	0.21	0.23	0.18	0.15	2.2	0.088
Dibenzofuran	132-64-9	mg/kg	0.25	0.075	0.43	0.64	0.78	0.036 J	4.7	0.048 J
Diethyl phthalate	84-66-2	mg/kg	< 0.17 U	< 0.19 U	< 0.41 U	< 0.20 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.21 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.17 U	< 0.19 U	< 0.41 U	< 0.20 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.21 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.17 U	< 0.19 U	< 0.41 U	< 0.20 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.21 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.17 U	< 0.19 U	< 0.41 U	< 0.20 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.21 U
Fluoranthene	206-44-0	mg/kg	2.7	1.7	5.1	14 J-	17	1.6	49	1.7
Fluorene	86-73-7	mg/kg	0.12	0.079	0.36	0.38	0.89	0.050	9.1	0.070
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.27	0.30	0.62	0.85	0.64	0.44	7.2	0.24
Naphthalene	91-20-3	mg/kg	0.10	0.098	0.13	0.11	0.028	0.029	5.7	0.12
Phenanthrene	85-01-8	mg/kg	2.8	0.87	3.9	8.2 J-	18	0.54	51	0.90
Pyrene	129-00-0	mg/kg	1.8	1.5	3.7	8.6 J-	9.6	2.3	34	1.3
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.66	0.75	1.5	2.1	1.5	1.2	22	0.64
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	5.4	5.7	12	22	20	8.8	130	4.7
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	6.4	3.3	11	25	38	2.7	140	3.2
Total PAHs Calculated	CALC-PAH	mg/kg	12	9.0	23	47	58	11	270	7.9
TOC										
Total Organic Carbon	TOC	mg/kg	6380	5270	47400	10800 J	6800	27800	8740	24300

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD095 CH-SWSD095-SE01 6/5/2017 N	CH-SWSD095 CH-SWSD095-SE01D 6/5/2017 FD CH-SWSD095-SE01	CH-SWSD096 CH-SWSD096-SE01 6/8/2017 N	CH-SWSD097 CH-SWSD097-SE01 6/8/2017 N	CH-SWSD098 CH-SWSD098-SE01 6/8/2017 N	CH-SWSD099 CH-SWSD099-SE01 6/7/2017 N	CH-SWSD100 CH-SWSD100-SE01 6/7/2017 N	CH-SWSD101 CH-SWSD101-SE01 6/1/2017 N
Chemical	CAS	Units								
General Chemistry										
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	378	—
pH	PH	std units	—	—	—	—	—	—	5.59	—
Metals										
Aluminum	7429-90-5	mg/kg	3400	2970	11100	5750	7220	14500 J	15200	14200
Antimony	7440-36-0	mg/kg	< 0.357 U	< 0.294 U	0.672 J	0.227 J	0.293 J	< 0.221 UJ	< 0.276 U	< 0.443 U
Arsenic	7440-38-2	mg/kg	0.839 J	0.893 J	3.78	8.37	9.44	7.59 J	25.2	3.61
Barium	7440-39-3	mg/kg	18.7	14.6	90.4	47.4	52.0	51.3 J+	64.0	118
Beryllium	7440-41-7	mg/kg	0.187 J	0.163 J	1.06	0.359	0.605	0.564 J+	0.833	1.15
Cadmium	7440-43-9	mg/kg	0.0817 J	< 0.147 UJ	0.838	0.0635 J	0.135 J	< 0.111 U	0.106 J	0.446
Calcium (Ca)	7440-70-2	mg/kg	451	447	14100	2110	2320	1850 J+	1630	3640
Chromium	7440-47-3	mg/kg	3.93	3.89	11.7	11.1	11.2	21.9 J	22.9	18.3
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	22.9	—
Chromium(VI) (b)	18540-29-9	mg/kg	0.98	0.97	2.9	2.8	2.8	5.5 J	—	4.6
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	< 0.76 U	—
Cobalt	7440-48-4	mg/kg	0.740	0.815	1.42	2.56	3.14	4.37	4.21	6.10
Copper	7440-50-8	mg/kg	4.20 J	3.01 J	34.8	11.9	20.2	12.8	16.4	19.4
Iron (Fe)	7439-89-6	mg/kg	2650 J	1910 J	11400	6530	6830	16800 J+	36700	12500
Lead	7439-92-1	mg/kg	3.93	3.39	40.1	29.5	53.7	12.9 J	29.1	28.0
Magnesium (Mg)	7439-95-4	mg/kg	688	538	1590	919	983	3540 J	3240	2760
Manganese (Mn)	7439-96-5	mg/kg	31.3	32.2	35.8 J+	34.1 J+	39.8	110 J	113	204
Mercury	7439-97-6	mg/kg	0.0227 J	0.0181 J	0.244 J	0.0819 J	0.0636 J	0.0338 J	0.0763 J	0.168 J
Nickel	7440-02-0	mg/kg	2.50	2.27	12.1	7.27	8.26	11.2 J	14.9	12.0
Potassium (K)	7440-09-7	mg/kg	471	364	554	562	646	1790 J	2090	1410
Selenium	7782-49-2	mg/kg	0.168 J	0.153 J	6.52	1.62	2.29	0.726 J	1.19	1.04 J
Silver	7440-22-4	mg/kg	< 0.0892 U	< 0.0734 U	0.243 J	0.0603 J	0.0955 J	0.0347 J	0.0732 J	0.101 J
Sodium (Na)	7440-23-5	mg/kg	162	126	342	127	168	159	193	243
Thallium	7440-28-0	mg/kg	< 0.0892 U	< 0.0734 U	0.327 J	0.184 J	0.177 J	0.216 J	0.268 J	0.165 J
Vanadium	7440-62-2	mg/kg	6.73	5.44	14.5	15.5	21.7	33.8 J	36.9	27.6
Zinc	7440-66-6	mg/kg	11.4	9.12	86.5	24.6	35.7	34.6 J+	36.1	55.3
PCBs										
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—
SVOCs										
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.064 U	< 0.060 U	< 0.15 UJ	< 0.049 U	< 0.063 U	< 0.049 U	< 0.062 U	< 0.45 U
1-Methylnaphthalene	90-12-0	mg/kg	0.053 J	0.018 J	0.45 J-	9.0	1.1	0.14 J-	1.3	0.060 J
2-Chloronaphthalene	91-58-7	mg/kg	< 0.026 U	< 0.024 U	< 0.061 UJ	< 0.020 U	< 0.025 U	< 0.020 U	< 0.025 U	< 0.18 U
2-Methylnaphthalene	91-57-6	mg/kg	0.054 J	0.022 J	0.52 J	11	1.5	0.21 J-	1.7	0.061 J
2-Methylphenol	95-48-7	mg/kg	< 0.064 U	< 0.060 U	< 0.15 U	0.21	0.051 J	< 0.049 U	0.048 J	< 0.45 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.064 U	< 0.060 U	< 0.15 U	0.21	0.054 J	< 0.049 U	0.049 J	< 0.45 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.064 U	< 0.060 U	< 0.15 U	< 0.049 U	< 0.063 U	< 0.049 U	< 0.062 U	< 0.45 U
4-Chloroaniline	106-47-8	mg/kg	< 0.13 U	< 0.12 U	< 0.31 U	< 0.098 U	< 0.13 U	< 0.098 UJ	< 0.12 U	< 0.90 U
Acenaphthene	83-32-9	mg/kg	0.079 J	0.047 J	0.028 J	0.24	0.094	0.018	0.079	0.052 J
Acenaphthylene	208-96-8	mg/kg	0.14	0.11	0.065 J	0.29	0.063	0.0076	0.12	0.15 J
Anthracene	120-12-7	mg/kg	0.20	0.15	0.057 J	0.32	0.083	0.013 J-	0.15	0.15 J

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID		CH-SWSD095 CH-SWSD095-SE01 6/5/2017 N	CH-SWSD095 CH-SWSD095-SE01D 6/5/2017 FD CH-SWSD095-SE01	CH-SWSD096 CH-SWSD096-SE01 6/8/2017 N	CH-SWSD097 CH-SWSD097-SE01 6/8/2017 N	CH-SWSD098 CH-SWSD098-SE01 6/8/2017 N	CH-SWSD099 CH-SWSD099-SE01 6/7/2017 N	CH-SWSD100 CH-SWSD100-SE01 6/7/2017 N	CH-SWSD101 CH-SWSD101-SE01 6/1/2017 N	
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 0.26 U	< 0.24 U	< 0.61 UJ	< 0.20 U	< 0.25 U	< 0.20 U	< 0.25 U	< 1.8 U
Benzo(a)anthracene	56-55-3	mg/kg	0.49	0.45	0.12 J-	0.62	0.17	0.031 J	0.73	0.47
Benzo(a)pyrene	50-32-8	mg/kg	0.40	0.35	0.11 J-	0.41	0.13	0.030 J	0.42	0.32
Benzo(b)fluoranthene	205-99-2	mg/kg	0.96	0.83	0.19 J-	0.64	0.24	0.066 J-	0.88	0.84
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.27	0.22	0.093 J-	0.29	0.097	0.0089 J-	0.22	0.22 J
Benzo(k)fluoranthene	207-08-9	mg/kg	0.36	0.30	0.078 J-	0.27	0.11	0.037 J-	0.32	0.30
Benzoic acid	65-85-0	mg/kg	< 0.96 U	< 0.89 U	< 2.3 U	< 0.73 U	0.61 J	0.30 J	0.56 J	< 6.7 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.064 U	< 0.060 U	< 0.15 U	1.2	0.19	< 0.049 U	0.21	< 0.45 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.26 U	< 0.24 U	< 0.61 UJ	< 0.20 U	< 0.25 U	< 0.20 U	0.14 J	< 1.8 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.26 U	< 0.24 U	< 0.61 UJ	< 0.20 U	< 0.25 U	< 0.20 U	< 0.25 U	< 1.8 U
Caprolactam	105-60-2	mg/kg	< 0.26 U	< 0.24 U	< 0.61 UJ	< 0.20 U	< 0.25 U	< 0.20 U	< 0.25 U	< 1.8 U
CARBAZOLE	86-74-8	mg/kg	0.17 J	0.084 J	0.10 J	0.33	0.064	< 0.049 U	0.095	< 0.45 U
Chrysene	218-01-9	mg/kg	0.95 J	0.69 J	0.18 J-	1.1	0.24	0.047 J-	0.99	0.67
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.10	0.096	< 0.031 UJ	0.12	0.031 J	0.0037 J-	0.068	0.11 J
Dibenzofuran	132-64-9	mg/kg	0.13 J	< 0.060 UJ	0.14 J	2.3	0.36	0.049 J	0.38	< 0.45 U
Diethyl phthalate	84-66-2	mg/kg	< 0.26 U	< 0.24 U	< 0.61 UJ	< 0.20 U	< 0.25 U	< 0.20 U	< 0.25 U	< 1.8 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.26 U	< 0.24 U	< 0.61 UJ	< 0.20 U	< 0.25 U	< 0.20 U	< 0.25 U	< 1.8 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.26 U	< 0.24 U	< 0.61 UJ	< 0.20 U	< 0.25 U	< 0.20 U	< 0.25 U	< 1.8 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.26 U	< 0.24 U	< 0.61 UJ	< 0.20 U	< 0.25 U	< 0.20 U	< 0.25 U	< 1.8 U
Fluoranthene	206-44-0	mg/kg	2.0 J	0.99 J	0.29 J-	1.1	0.42	0.057 J-	3.3	0.96
Fluorene	86-73-7	mg/kg	0.088 J	0.052 J	0.065 J	0.60	0.12	0.026 J-	0.13	< 0.090 U
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.28	0.23	0.082 J-	0.21	0.085	0.010 J-	0.23	0.26
Naphthalene	91-20-3	mg/kg	0.068	0.056	0.43 J-	8.4	1.3	0.14 J-	1.3	0.12 J
Phenanthrene	85-01-8	mg/kg	1.7 J	0.26 J	0.31 J-	4.3	0.59	0.087 J	0.83	0.19 J
Pyrene	129-00-0	mg/kg	1.5 J	0.88 J	0.25 J-	1.0	0.37	0.090 J-	2.3	0.87
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.68	0.60	0.16	0.68	0.21	0.045	0.68	0.59
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	5.3	4.0	1.1	4.7	1.5	0.32	6.2	4.1
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	4.4	1.7	2.2	35	5.3	0.70	8.9	1.8
Total PAHs Calculated	CALC-PAH	mg/kg	9.7	5.8	3.3	40	6.7	1.0	15	5.9
TOC										
Total Organic Carbon	TOC	mg/kg	32300	24200	308000	278000	119000	42700	87900	92000

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-SWSD102	CH-SWSD103	CH-SWSD104	CH-SWSD105	CH-SWSD105	CH-SWSD106	CH-SWSD107	CH-SWSD108
	Sample ID	CH-SWSD102-SE01	CH-SWSD103-SE01	CH-SWSD104-SE01	CH-SWSD105-SE01	CH-SWSD105-SE01D	CH-SWSD106-SE01	CH-SWSD107-SE01	CH-SWSD108-SE01
	Sample Date	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017	6/1/2017
	Sample Type Code	N	N	N	N	FD	N	N	N
	Parent Sample ID					CH-SWSD105-SE01			
Chemical	CAS	Units							
General Chemistry									
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	—
pH	PH	std units	—	—	—	—	—	—	—
Metals									
Aluminum	7429-90-5	mg/kg	17900	13100	19100	15200	18100	14500	10500
Antimony	7440-36-0	mg/kg	< 0.230 U	< 0.423 U	< 1.04 U	< 0.252 U	< 0.280 U	0.379 J	0.376 J
Arsenic	7440-38-2	mg/kg	4.88	3.35	4.73	4.16	4.32	8.72	7.27
Barium	7440-39-3	mg/kg	74.0	76.9	248	95.0	109	87.2	65.8
Beryllium	7440-41-7	mg/kg	0.720	0.835	1.58	0.754	0.747	1.97	1.33
Cadmium	7440-43-9	mg/kg	< 0.115 U	0.186 J	0.540 J	0.0906 J	0.0943 J	0.306 J	0.212 J
Calcium (Ca)	7440-70-2	mg/kg	1250	2880	8310	2550	2270	4060	2830
Chromium	7440-47-3	mg/kg	28.1	17.5	21.2	28.4	31.8	14.1	12.4
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	7.0	4.4	5.3	7.1	8.0	3.5	3.1
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	—
Cobalt	7440-48-4	mg/kg	7.03	4.54	6.36	5.68	6.04	4.65	3.69
Copper	7440-50-8	mg/kg	10.7	12.4	34.1	11.6	8.89	21.4	17.1
Iron (Fe)	7439-89-6	mg/kg	20500	10400	11600	18200	18400	12100	9230
Lead	7439-92-1	mg/kg	8.39	19.6	41.6	8.30	9.94	63.6	56.6
Magnesium (Mg)	7439-95-4	mg/kg	4000	2690	2950	3470	3850	1620	1310
Manganese (Mn)	7439-96-5	mg/kg	146	148	209	145	149	140	100
Mercury	7439-97-6	mg/kg	0.0159 J	0.116 J	0.283 J	0.0467 J	0.0368 J	0.175 J	0.128 J
Nickel	7440-02-0	mg/kg	13.6	10.0	16.1	14.0	15.5	10.5	9.28
Potassium (K)	7440-09-7	mg/kg	1920	1280	1410	1390	1440	896	698
Selenium	7782-49-2	mg/kg	0.396 J	0.795 J	3.81 J	0.476 J	0.373 J	2.26	1.55 J
Silver	7440-22-4	mg/kg	< 0.0576 U	0.0651 J	0.134 J	0.0428 J	0.0358 J	0.130 J	0.0872 J
Sodium (Na)	7440-23-5	mg/kg	178	209	549	198	208	226	181
Thallium	7440-28-0	mg/kg	0.257	0.188 J	0.280 J	0.224 J	0.242 J	0.199 J	0.164 J
Vanadium	7440-62-2	mg/kg	42.7	24.2	34.4	51.2	57.4	27.8	22.0
Zinc	7440-66-6	mg/kg	37.8	32.7	55.7	37.6	37.9	48.6	39.3
PCBs									
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—
SVOCs									
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.043 U	< 0.076 U	< 0.17 U	< 0.054 U	< 0.049 U	< 0.10 U	< 0.39 U
1-Methylnaphthalene	90-12-0	mg/kg	0.0026	0.018 J	< 0.035 U	0.0025 J	0.0021 J	2.4	2.1
2-Chloronaphthalene	91-58-7	mg/kg	< 0.017 U	< 0.030 U	< 0.069 U	< 0.022 U	< 0.020 U	< 0.040 U	< 0.16 U
2-Methylnaphthalene	91-57-6	mg/kg	0.0015 J	0.016 J	0.018 J	0.0028 J	0.0020 J	3.1	2.6
2-Methylphenol	95-48-7	mg/kg	< 0.043 U	< 0.076 U	< 0.17 U	< 0.054 U	< 0.049 U	0.075 J	< 0.39 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.043 U	< 0.076 U	< 0.17 U	< 0.054 U	< 0.049 U	0.070 J	< 0.39 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.043 U	< 0.076 U	< 0.17 U	< 0.054 U	< 0.049 U	< 0.10 U	< 0.39 U
4-Chloroaniline	106-47-8	mg/kg	< 0.086 U	< 0.15 UJ	< 0.35 U	< 0.11 U	< 0.099 U	< 0.20 U	< 0.79 U
Acenaphthene	83-32-9	mg/kg	0.0078	0.027 J	0.020 J	0.0031 J	0.0046 J	0.096	0.12 J
Acenaphthylene	208-96-8	mg/kg	0.0031	0.091	< 0.035 U	< 0.0022 UJ	0.00072 J	0.16	0.096 J
Anthracene	120-12-7	mg/kg	0.0052	0.11	0.064 J	0.0069 J	0.011 J	0.19	0.10 J

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID		CH-SWSD102 CH-SWSD102-SE01 6/1/2017 N	CH-SWSD103 CH-SWSD103-SE01 6/1/2017 N	CH-SWSD104 CH-SWSD104-SE01 6/1/2017 N	CH-SWSD105 CH-SWSD105-SE01 6/1/2017 N	CH-SWSD105 CH-SWSD105-SE01D 6/1/2017 FD CH-SWSD105-SE01	CH-SWSD106 CH-SWSD106-SE01 6/1/2017 N	CH-SWSD107 CH-SWSD107-SE01 6/1/2017 N	CH-SWSD108 CH-SWSD108-SE01 6/1/2017 N	
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 0.17 U	< 0.30 U	< 0.69 U	< 0.22 U	< 0.20 U	0.41 J	< 1.6 U	< 0.61 U
Benzo(a)anthracene	56-55-3	mg/kg	0.019	0.32	0.15	0.020 J	0.030 J	0.45	0.29	0.15
Benzo(a)pyrene	50-32-8	mg/kg	0.016	0.25	0.13	0.020 J	0.027 J-	0.33	0.22	0.16
Benzo(b)fluoranthene	205-99-2	mg/kg	0.032	0.64	0.19	0.033 J	0.041 J-	0.83	0.39	0.33
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.0054	0.15	0.093	0.0066 J	0.0098 J	0.24	0.15 J	0.10
Benzo(k)fluoranthene	207-08-9	mg/kg	0.010	0.23	< 0.035 U	0.013 J	0.015 J-	0.31	0.19 J	0.13
Benzoic acid	65-85-0	mg/kg	< 0.65 U	< 1.1 U	< 2.6 U	< 0.81 U	< 0.74 U	0.88 J	< 5.9 U	< 2.3 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.043 U	< 0.076 U	< 0.17 U	< 0.054 U	< 0.049 U	0.39	0.36 J	< 0.15 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.17 U	< 0.30 U	< 0.69 U	< 0.22 U	< 0.20 U	< 0.40 U	< 1.6 U	< 0.61 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.30 U	< 0.69 U	< 0.22 U	< 0.20 U	< 0.40 U	< 1.6 U	< 0.61 U
Caprolactam	105-60-2	mg/kg	< 0.17 U	< 0.30 U	< 0.69 U	< 0.22 U	< 0.20 U	< 0.40 U	< 1.6 U	< 0.61 U
CARBAZOLE	86-74-8	mg/kg	< 0.043 U	0.055 J	< 0.17 U	< 0.054 U	< 0.049 U	0.14	< 0.39 U	< 0.15 U
Chrysene	218-01-9	mg/kg	0.025	0.48	0.17	0.026 J	0.034 J-	0.64	0.36	0.24
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.0020 J	0.059	< 0.035 U	0.0021 J	0.0033 J	0.083	0.055 J	0.057 J
Dibenzofuran	132-64-9	mg/kg	< 0.043 U	< 0.076 U	< 0.17 U	< 0.054 U	< 0.049 U	0.66	0.72	< 0.15 U
Diethyl phthalate	84-66-2	mg/kg	< 0.17 U	< 0.30 U	< 0.69 U	< 0.22 U	< 0.20 U	< 0.40 U	< 1.6 U	< 0.61 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.17 U	< 0.30 U	< 0.69 U	< 0.22 U	< 0.20 U	< 0.40 U	< 1.6 U	< 0.61 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.17 U	< 0.30 U	< 0.69 U	< 0.22 U	< 0.20 U	< 0.40 U	< 1.6 U	< 0.61 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.17 U	< 0.30 U	< 0.69 U	< 0.22 U	< 0.20 U	< 0.40 U	< 1.6 U	< 0.61 U
Fluoranthene	206-44-0	mg/kg	0.026	0.90	0.40	0.044 J	0.060 J	0.84	0.51	0.39
Fluorene	86-73-7	mg/kg	0.0043	0.030 J	< 0.035 U	0.0061 J	0.0082 J-	0.15	0.19 J	0.021 J
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.0064	0.17	0.090	0.0071 J	0.011 J	0.24	0.13 J	0.11
Naphthalene	91-20-3	mg/kg	0.0063	0.030 J	0.020 J	0.0033 J	0.0032 J-	2.3	2.4	0.14
Phenanthrene	85-01-8	mg/kg	0.011	0.41	0.21	0.024 J	0.035 J	1.2	0.95	0.15
Pyrene	129-00-0	mg/kg	0.033	0.76	0.32	0.051 J	0.067 J-	0.89	0.51	0.34
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.024	0.42	0.18	0.028	0.039	0.57	0.36	0.28
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	0.15	3.1	1.2	0.18	0.24	4.0	2.3	1.6
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	0.068	1.6	0.79	0.095	0.13	10	9.1	1.2
Total PAHs Calculated	CALC-PAH	mg/kg	0.22	4.7	2.0	0.27	0.36	14	11	2.8
TOC										
Total Organic Carbon	TOC	mg/kg	8920	92800	179000	21100	20000	229000	177000	194000

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD109 CH-SWSD109-SE01 6/1/2017 N	CH-SWSD110 CH-SWSD110-SE01 6/1/2017 N	CH-SWSD110 CH-SWSD110-SE01D 6/1/2017 FD CH-SWSD110-SE01	CH-SWSD111 CH-SWSD111-SE01 6/10/2017 N	CH-SWSD112 CH-SWSD112-SE01 6/3/2017 N	CH-SWSD113 CH-SWSD113-SE01 6/3/2017 N	CH-SWSD114 CH-SWSD114-SE01 6/3/2017 N	CH-SWSD115 CH-SWSD115-SE01 6/6/2017 N
Chemical	CAS	Units								
General Chemistry										
Oxidation Reduction Potential	ORP	mV	—	269	260	—	—	—	—	—
pH	PH	std units	—	6.14	6.08	—	—	—	—	—
Metals										
Aluminum	7429-90-5	mg/kg	21200	20500	24600	14600	20700	9950	5290	3010
Antimony	7440-36-0	mg/kg	0.559 J	< 0.724 UJ	0.368 J	0.252 J	0.308 J	< 0.215 U	< 0.207 U	< 0.177 U
Arsenic	7440-38-2	mg/kg	10.2	20.1	15.8	3.54	3.34	2.47	1.70	0.951
Barium	7440-39-3	mg/kg	115	116	117	131	160	50.0	28.4	14.5
Beryllium	7440-41-7	mg/kg	4.60	3.76	3.84	0.897	1.04	0.481	0.198 J	0.111 J
Cadmium	7440-43-9	mg/kg	0.838 J	0.692 J	0.684	0.585	0.330 J	0.0624 J	< 0.104 U	< 0.0886 U
Calcium (Ca)	7440-70-2	mg/kg	5520	5030	4630	7220	2000	715	681	413
Chromium	7440-47-3	mg/kg	19.8	18.8	23.4	18.2	27.3	19.0	9.00	4.38
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	8.4 J	23.4 J	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	5.0	—	—	4.6	6.8	4.8	2.3	1.1
Chromium(VI)	18540-29-9	mg/kg	—	10.5 J	< 1.4 UJ	—	—	—	—	—
Cobalt	7440-48-4	mg/kg	8.83	10.9	10.9	4.93	7.03	3.22	2.09	0.713
Copper	7440-50-8	mg/kg	38.5	36.8	39.5	22.3	16.8 J+	4.16 J+	1.47 J+	0.729
Iron (Fe)	7439-89-6	mg/kg	11300	20400	19400	17800	15400	8730	5040	1630
Lead	7439-92-1	mg/kg	80.6	75.9	80.2	20.1	29.3 J+	6.37 J+	3.70 J+	2.41
Magnesium (Mg)	7439-95-4	mg/kg	2360	2130	2690	3460	4440	1940	1160	296
Manganese (Mn)	7439-96-5	mg/kg	175	321	279	223	189	79.1	64.4	25.4
Mercury	7439-97-6	mg/kg	0.244 J	0.268 J	0.232 J	0.153 J	0.104 J	0.0278 J	0.0179 J	< 0.0203 U
Nickel	7440-02-0	mg/kg	19.3	18.3	18.5	12.2	18.0	9.63	4.46	1.24
Potassium (K)	7440-09-7	mg/kg	1310	1120	1490	1660	2590	919	482	256
Selenium	7782-49-2	mg/kg	3.37 J	3.21	3.22	2.11	0.823 J	0.410 J	0.145 J	0.193 J
Silver	7440-22-4	mg/kg	0.148 J	0.164 J	0.185 J	0.0812 J	0.103 J	0.0416 J	< 0.0518 U	< 0.0443 U
Sodium (Na)	7440-23-5	mg/kg	411	328	301	274	211	93.7	76.6 J	< 70.9 U
Thallium	7440-28-0	mg/kg	0.256 J	0.206 J	0.339 J	0.172 J	0.337 J	0.158 J	0.0698 J	0.106 J
Vanadium	7440-62-2	mg/kg	31.6	40.5	41.8	30.9	29.2	19.8	11.4	4.56
Zinc	7440-66-6	mg/kg	77.6	87.3	85.7	81.2	104	23.2	13.6	4.50 J
PCBs										
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—
SVOCs										
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.17 U	< 0.13 U	< 0.60 U	< 0.13 U	< 0.075 U	< 0.048 U	< 0.042 U	< 0.041 U
1-Methylnaphthalene	90-12-0	mg/kg	0.49	0.48 J	2.0 J	0.013 J-	0.012	0.0015 J	0.0011 J	< 0.0016 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.068 U	< 0.053 U	< 0.24 U	< 0.052 U	< 0.030 U	< 0.019 U	< 0.017 U	< 0.016 U
2-Methylnaphthalene	91-57-6	mg/kg	0.60	0.61 J	2.5 J	0.024 J-	0.023	0.0029	0.0020 J	< 0.0016 U
2-Methylphenol	95-48-7	mg/kg	< 0.17 U	< 0.13 U	< 0.60 U	< 0.13 U	< 0.075 U	< 0.048 U	< 0.042 U	< 0.041 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.17 U	< 0.13 U	< 0.60 U	< 0.13 U	< 0.075 U	< 0.048 U	< 0.042 U	< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.17 U	< 0.13 U	< 0.60 U	< 0.13 U	< 0.075 U	< 0.048 U	< 0.042 U	< 0.041 U
4-Chloroaniline	106-47-8	mg/kg	< 0.34 U	< 0.27 U	< 1.2 U	< 0.26 U	< 0.15 UJ	< 0.095 U	< 0.084 U	< 0.082 U
Acenaphthene	83-32-9	mg/kg	0.028 J	0.032 J	0.12 J	< 0.0052 UJ	< 0.0030 U	< 0.0019 U	< 0.0017 U	< 0.0016 U
Acenaphthylene	208-96-8	mg/kg	0.077 J	0.084 J	0.22 J	0.0022 J-	0.0033 J	0.00050 J	< 0.0017 U	< 0.0016 U
Anthracene	120-12-7	mg/kg	0.10	0.10 J	0.23 J	0.028 J-	0.13 J-	0.0062	0.0030	< 0.0016 U

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD109 CH-SWSD109-SE01 6/1/2017 N	CH-SWSD110 CH-SWSD110-SE01 6/1/2017 N	CH-SWSD110 CH-SWSD110-SE01D 6/1/2017 FD CH-SWSD110-SE01	CH-SWSD111 CH-SWSD111-SE01 6/10/2017 N	CH-SWSD112 CH-SWSD112-SE01 6/3/2017 N	CH-SWSD113 CH-SWSD113-SE01 6/3/2017 N	CH-SWSD114 CH-SWSD114-SE01 6/3/2017 N	CH-SWSD115 CH-SWSD115-SE01 6/6/2017 N
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 0.68 U	< 0.53 U	< 2.4 U	< 0.52 U	< 0.30 U	< 0.19 U	< 0.17 U	< 0.16 U
Benzo(a)anthracene	56-55-3	mg/kg	0.22	0.28 J	0.65 J	0.0054 J-	0.0086	0.00098 J	< 0.0017 U	< 0.0016 U
Benzo(a)pyrene	50-32-8	mg/kg	0.21	0.24 J	0.54 J	0.010 J-	0.010	0.0014 J	0.00089 J	< 0.0016 U
Benzo(b)fluoranthene	205-99-2	mg/kg	0.49	0.58 J	1.2 J	0.016 J-	0.019	0.0025	0.0013 J	< 0.0016 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.15	0.17 J	0.43 J	0.0040 J-	0.0043 J-	< 0.0019 U	< 0.0017 U	< 0.0016 U
Benzo(k)fluoranthene	207-08-9	mg/kg	0.21	0.26 J	0.56 J	0.036 J-	0.014 J+	0.0048	0.0029	< 0.0016 U
Benzoic acid	65-85-0	mg/kg	< 2.5 U	< 2.0 U	< 9.0 U	< 1.9 U	0.52 J	< 0.71 U	< 0.63 U	< 0.62 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.17 U	0.086 J	0.33 J	< 0.13 U	< 0.075 U	< 0.048 U	< 0.042 U	< 0.041 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.68 U	< 0.53 U	< 2.4 U	< 0.52 U	< 0.30 U	< 0.19 U	< 0.17 U	< 0.16 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.68 U	< 0.53 U	< 2.4 U	< 0.52 U	< 0.30 U	< 0.19 U	< 0.17 U	< 0.16 U
Caprolactam	105-60-2	mg/kg	< 0.68 U	< 0.53 U	< 2.4 U	< 0.52 U	< 0.30 U	< 0.19 U	< 0.17 U	< 0.16 U
CARBAZOLE	86-74-8	mg/kg	< 0.17 U	< 0.13 U	< 0.60 U	< 0.13 U	< 0.075 U	< 0.048 U	< 0.042 U	< 0.041 U
Chrysene	218-01-9	mg/kg	0.39	0.46 J	1.1 J	0.012 J-	0.014	0.0016 J	0.00093 J	< 0.0016 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.081 J	0.072 J	0.19 J	< 0.0052 UJ	< 0.0030 U	< 0.0019 U	< 0.0017 U	< 0.0016 U
Dibenzofuran	132-64-9	mg/kg	0.15 J	0.16 J	0.64 J	< 0.13 U	< 0.075 U	< 0.048 U	< 0.042 U	< 0.041 U
Diethyl phthalate	84-66-2	mg/kg	< 0.68 U	< 0.53 U	< 2.4 U	< 0.52 U	< 0.30 U	< 0.19 U	< 0.17 U	< 0.16 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.68 U	< 0.53 U	< 2.4 U	< 0.52 U	< 0.30 U	< 0.19 U	< 0.17 U	< 0.16 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.68 U	< 0.53 U	< 2.4 U	< 0.52 U	< 0.30 U	< 0.19 U	< 0.17 U	< 0.16 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.68 U	< 0.53 U	< 2.4 U	< 0.52 U	< 0.30 U	< 0.19 U	< 0.17 U	< 0.16 U
Fluoranthene	206-44-0	mg/kg	0.50	0.69 J	1.5 J	0.012 J-	0.020	0.0027	0.0015 J	< 0.0016 U
Fluorene	86-73-7	mg/kg	0.043 J	0.056 J	0.21 J	0.023 J-	0.0093	0.0030	0.0031	< 0.0016 U
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.15	0.17 J	0.36 J	0.0040 J-	0.0039 J-	< 0.0019 U	< 0.0017 U	< 0.0016 U
Naphthalene	91-20-3	mg/kg	0.45	0.47 J	2.0 J	0.013 J-	0.015	0.0076	0.0078	< 0.0016 U
Phenanthrene	85-01-8	mg/kg	0.31	0.36 J	1.2 J	0.015 J-	0.029	0.0031	0.0016 J	< 0.0016 U
Pyrene	129-00-0	mg/kg	0.53	0.68 J	1.5 J	0.017 J-	0.032 J+	0.0040	0.0023	0.00064 J
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.38	0.42	0.96	0.014	0.014	0.0022	0.0013	< 0.0037
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	2.4	2.9	6.5	0.11	0.11	0.019	0.013	0.013
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	2.6	2.9	10	0.13	0.24	0.029	0.023	< 0.014
Total PAHs Calculated	CALC-PAH	mg/kg	5.0	5.8	17	0.24	0.35	0.048	0.036	0.028
TOC										
Total Organic Carbon	TOC	mg/kg	262000	155000	144000	246000	52400	12400	1420	3580 J

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-SWSD115	CH-SWSD116	CH-SWSD117	CH-SWSD118	CH-SWSD119	CH-SWSD120	CH-SWSD121	CH-SWSD122
	Sample ID	CH-SWSD115-SE01D	CH-SWSD116-SE01	CH-SWSD117-SE01	CH-SWSD118-SE01	CH-SWSD119-SE01	CH-SWSD120-SE01	CH-SWSD121-SE01	CH-SWSD122-SE01
	Sample Date	6/6/2017	6/7/2017	6/7/2017	6/7/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017
	Sample Type Code	FD	N	N	N	N	N	N	N
	Parent Sample ID	CH-SWSD115-SE01							
Chemical	CAS	Units							
General Chemistry									
Oxidation Reduction Potential	ORP	mV	—	—	—	—	456	—	—
pH	PH	std units	—	—	—	—	5.96	—	—
Metals									
Aluminum	7429-90-5	mg/kg	2980	5060	1910	2690	8280	3670	5790
Antimony	7440-36-0	mg/kg	< 0.169 U	< 0.292 U	0.156 J	< 0.403 U	< 0.191 U	< 0.268 U	< 0.392 U
Arsenic	7440-38-2	mg/kg	1.10	2.50	1.33	2.25	1.52	1.83	2.37
Barium	7440-39-3	mg/kg	13.0	19.7	9.12	19.2	48.4	26.2	51.2
Beryllium	7440-41-7	mg/kg	0.0861 J	0.223 J	0.0769 J	0.155 J	0.357	0.238 J	0.504
Cadmium	7440-43-9	mg/kg	< 0.0845 U	0.0692 J	< 0.121 U	0.152 J	0.108 J	0.201 J	0.767
Calcium (Ca)	7440-70-2	mg/kg	384	833	392	1020	815	830	1860
Chromium	7440-47-3	mg/kg	4.03	7.27	2.77	3.72	15.4	5.34	8.52
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	5.3	—
Chromium(VI) (b)	18540-29-9	mg/kg	1.0	1.8	0.69	0.93	3.9	—	2.1
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	< 0.64 U	—	—
Cobalt	7440-48-4	mg/kg	0.575	1.91	1.68	4.65	6.97	4.48	7.70
Copper	7440-50-8	mg/kg	0.554 J	4.96	1.69	3.26	6.85	4.23	10.3
Iron (Fe)	7439-89-6	mg/kg	1550	7930	2030	4540	11100	5200	5250
Lead	7439-92-1	mg/kg	2.63	7.91	39.1	5.27	3.94	6.91	12.5
Magnesium (Mg)	7439-95-4	mg/kg	323	931	324	512	2610	776	1200
Manganese (Mn)	7439-96-5	mg/kg	29.1	92.1	24.2	61.9	480	65.9	143
Mercury	7439-97-6	mg/kg	< 0.0195 U	0.0261 J	0.0169 J	0.0198 J	< 0.0182 U	0.0254 J	0.0607 J
Nickel	7440-02-0	mg/kg	1.17	4.35	2.46	2.59	9.35	3.75	6.71
Potassium (K)	7440-09-7	mg/kg	276	434	196	322	2000	424	549
Selenium	7782-49-2	mg/kg	0.155 J	0.256 J	0.119 J	0.253 J	< 0.191 U	0.190 J	0.543 J
Silver	7440-22-4	mg/kg	< 0.0423 U	< 0.0730 U	< 0.0605 U	< 0.101 U	< 0.0477 U	< 0.0670 U	0.0521 J
Sodium (Na)	7440-23-5	mg/kg	55.6 J	82.0 J	< 96.8 U	141 J	104	86.7 J	158
Thallium	7440-28-0	mg/kg	0.107 J	0.0555 J	< 0.0605 U	< 0.101 U	0.120 J	0.0854 J	0.119 J
Vanadium	7440-62-2	mg/kg	5.24	11.4	4.41	7.83	21.8	9.43	14.6
Zinc	7440-66-6	mg/kg	4.60 J	16.5	8.05	16.9	27.9	32.8	78.3
PCBs									
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—
SVOCs									
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.040 U	< 0.050 U	< 0.049 U	< 0.068 U	< 0.039 U	< 0.054 U	< 0.083 U
1-Methylnaphthalene	90-12-0	mg/kg	< 0.0016 U	0.0012 J	< 0.0020 U	0.039	< 0.0016 U	0.0092	0.0071
2-Chloronaphthalene	91-58-7	mg/kg	< 0.016 U	< 0.020 U	< 0.020 U	< 0.027 U	< 0.016 U	< 0.022 U	< 0.033 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.0016 U	0.0023 J	< 0.0020 U	0.075	< 0.0016 U	0.013	0.0092
2-Methylphenol	95-48-7	mg/kg	< 0.040 U	< 0.050 U	< 0.049 U	< 0.068 U	< 0.039 U	< 0.054 U	< 0.083 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.040 U	0.091	< 0.049 U	< 0.068 U	0.13	< 0.054 U	< 0.083 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.040 U	< 0.050 U	< 0.049 U	< 0.068 U	< 0.039 U	< 0.054 U	< 0.083 U
4-Chloroaniline	106-47-8	mg/kg	< 0.079 U	< 0.10 U	< 0.098 U	< 0.14 U	< 0.078 U	< 0.11 U	< 0.17 U
Acenaphthene	83-32-9	mg/kg	< 0.0016 U	< 0.0020 U	< 0.0020 U	0.0023 J	< 0.0016 U	0.0081	< 0.0033 U
Acenaphthylene	208-96-8	mg/kg	< 0.0016 U	0.0026	0.00058 J	0.0099	< 0.0016 U	0.0066	0.0036 J
Anthracene	120-12-7	mg/kg	< 0.0016 U	0.0031	0.00099 J	0.0062	0.00098 J	0.074	0.038

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD115	CH-SWSD116	CH-SWSD117	CH-SWSD118	CH-SWSD119	CH-SWSD120	CH-SWSD121	CH-SWSD122
		Sample ID	CH-SWSD115-SE01D	CH-SWSD116-SE01	CH-SWSD117-SE01	CH-SWSD118-SE01	CH-SWSD119-SE01	CH-SWSD120-SE01	CH-SWSD121-SE01	CH-SWSD122-SE01
		Sample Date	6/6/2017	6/7/2017	6/7/2017	6/7/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017
		Sample Type Code	FD	N	N	N	N	N	N	N
		Parent Sample ID	CH-SWSD115-SE01							
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 0.16 U	< 0.20 U	< 0.20 U	< 0.27 U	< 0.16 U	< 0.22 U	< 0.33 U	< 0.21 U
Benzo(a)anthracene	56-55-3	mg/kg	< 0.0016 U	0.015	0.0057	0.0086	< 0.0016 U	0.0056	0.0049	0.0012 J
Benzo(a)pyrene	50-32-8	mg/kg	< 0.0016 U	0.023	0.0062	0.0096	< 0.0016 U	0.0059	0.0050	0.0016 J
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.0016 U	0.040	0.011	0.017	< 0.0016 U	0.011	0.010	0.0027
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.0016 U	0.0084	0.0022 J	0.0033 J	< 0.0016 U	0.0030	0.0024 J	< 0.0021 U
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.0016 U	0.018	0.0088	0.021	< 0.0016 U	0.010	0.017	0.0052
Benzoic acid	65-85-0	mg/kg	< 0.60 U	0.33 J	< 0.74 U	< 1.0 U	< 0.58 U	< 0.82 U	< 1.2 U	< 0.79 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.040 U	< 0.050 U	< 0.049 U	< 0.068 U	< 0.039 U	< 0.054 U	< 0.083 U	< 0.053 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.16 U	< 0.20 U	< 0.20 U	< 0.27 U	< 0.16 U	< 0.22 U	< 0.33 U	< 0.21 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.16 U	< 0.20 U	< 0.20 U	< 0.27 U	< 0.16 U	< 0.22 U	< 0.33 U	< 0.21 U
Caprolactam	105-60-2	mg/kg	< 0.16 U	< 0.20 U	< 0.20 U	< 0.27 U	< 0.16 U	< 0.22 U	< 0.33 U	< 0.21 U
CARBAZOLE	86-74-8	mg/kg	< 0.040 U	< 0.050 U	< 0.049 U	< 0.068 U	< 0.039 U	< 0.054 U	< 0.083 U	< 0.053 U
Chrysene	218-01-9	mg/kg	< 0.0016 U	0.023	0.0068	0.011	0.00044 J	0.0086	0.0073	0.0022 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.0016 U	0.0030	< 0.0020 U	0.0021 J	< 0.0016 U	0.0017 J	< 0.0033 U	< 0.0021 U
Dibenzofuran	132-64-9	mg/kg	< 0.040 U	< 0.050 U	< 0.049 U	< 0.068 U	< 0.039 U	< 0.054 U	< 0.083 U	< 0.053 U
Diethyl phthalate	84-66-2	mg/kg	< 0.16 U	< 0.20 U	< 0.20 U	< 0.27 U	< 0.16 U	< 0.22 U	< 0.33 U	< 0.21 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.16 U	< 0.20 U	< 0.20 U	< 0.27 U	< 0.16 U	< 0.22 U	< 0.33 U	< 0.21 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.16 U	< 0.20 U	< 0.20 U	< 0.27 U	< 0.16 U	< 0.22 U	< 0.33 U	< 0.21 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.16 U	< 0.20 U	< 0.20 U	< 0.27 U	< 0.16 U	< 0.22 U	< 0.33 U	< 0.21 U
Fluoranthene	206-44-0	mg/kg	< 0.0016 U	0.035	0.011	0.023	< 0.0016 U	0.018	0.013	0.0041
Fluorene	86-73-7	mg/kg	< 0.0016 U	0.0033	0.0018 J	0.010	< 0.0016 U	0.026	0.012	0.011
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	< 0.0016 U	0.0091	0.0025	0.0046	< 0.0016 U	0.0036	0.0031 J	< 0.0021 U
Naphthalene	91-20-3	mg/kg	< 0.0016 U	0.0058	0.0020 J	0.16	< 0.0016 U	0.086	0.0072	0.0025 J
Phenanthrene	85-01-8	mg/kg	< 0.0016 U	0.0099	0.0035	0.024	< 0.0016 U	0.033	0.011	0.0041
Pyrene	129-00-0	mg/kg	0.00043 J	0.042	0.013	0.028	0.00058 J	0.030	0.026	0.0070
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	< 0.0037	0.033	0.0086	0.015	0.0037	0.0097	0.0074	0.0025
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	0.013	0.18	0.058	0.11	0.0046	0.079	0.078	0.024
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	< 0.014	0.064	0.023	0.35	0.014	0.27	0.10	0.035
Total PAHs Calculated	CALC-PAH	mg/kg	0.028	0.25	0.081	0.45	0.012	0.35	0.18	0.059
TOC										
Total Organic Carbon	TOC	mg/kg	2310 J	12800	12700	23800 J	1520	21600	49500	14100

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID		CH-SWSD123 CH-SWSD123-SE01 6/6/2017 N	CH-SWSD124 CH-SWSD124-SE01 6/6/2017 N	CH-SWSD125 CH-SWSD125-SE01 6/6/2017 N	CH-SWSD126 CH-SWSD126-SE01 6/7/2017 N	CH-SWSD126 CH-SWSD126-SE01D 6/7/2017 FD CH-SWSD126-SE01	CH-SWSD127 CH-SWSD127-SE01 6/7/2017 N	CH-SWSD128 CH-SWSD128-SE01 6/7/2017 N	CH-SWSD129 CH-SWSD129-SE01 6/7/2017 N
Chemical	CAS	Units							
General Chemistry									
Oxidation Reduction Potential	ORP	mV	—	—	—	—	—	—	—
pH	PH	std units	—	—	—	—	—	—	—
Metals									
Aluminum	7429-90-5	mg/kg	6450	4670	5450 J+	5760	5450	4070	4370
Antimony	7440-36-0	mg/kg	< 0.239 U	< 0.196 U	< 0.248 UJ	< 0.789 U	< 0.729 U	0.786 J	0.568 J
Arsenic	7440-38-2	mg/kg	1.51	1.55	1.44 J	1.42 J	1.05 J	1.39 J	1.13 J
Barium	7440-39-3	mg/kg	32.4	21.8	16.1 J+	40.6	42.6	37.8	44.9
Beryllium	7440-41-7	mg/kg	0.247	0.163 J	0.0986 J	0.418 J	0.462 J	0.204 J	0.209 J
Cadmium	7440-43-9	mg/kg	< 0.119 U	0.103 J	< 0.124 U	0.376 J	0.290 J	< 0.433 U	< 0.405 U
Calcium (Ca)	7440-70-2	mg/kg	584	671	511 J+	1230	1370	1540	1670
Chromium	7440-47-3	mg/kg	8.57	6.52	5.70 J+	6.26	6.24	5.67	5.48
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	2.1	1.6	1.4 J+	1.6	1.6	1.4	1.4
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	—	—
Cobalt	7440-48-4	mg/kg	2.07	2.59	1.17	0.571 J	0.534 J	0.560 J	0.435 J
Copper	7440-50-8	mg/kg	2.79	2.24	0.790 J	16.6	15.7	16.6	16.0
Iron (Fe)	7439-89-6	mg/kg	4450	3950	2690 J+	1300	1550	891	916
Lead	7439-92-1	mg/kg	5.37	3.58	3.70 J+	44.3	34.3	38.1	41.3
Magnesium (Mg)	7439-95-4	mg/kg	1050	768	695 J+	565	539	778	712
Manganese (Mn)	7439-96-5	mg/kg	53.3	81.7	49.9 J+	10.3 J+	8.15 J+	9.33 J+	7.68 J+
Mercury	7439-97-6	mg/kg	0.0199 J	< 0.0224 U	< 0.0206 U	0.269 J	0.238 J	0.262 J	0.211 J
Nickel	7440-02-0	mg/kg	5.27	3.09	2.59	4.96	4.56	3.04 J	2.79 J
Potassium (K)	7440-09-7	mg/kg	418	344	385	382	359	384	347
Selenium	7782-49-2	mg/kg	0.513 J	0.207 J	0.174 J	2.13 J	2.38 J	2.21 J	1.97 J
Silver	7440-22-4	mg/kg	0.0329 J	< 0.0490 U	< 0.0621 U	0.148 J	0.132 J	0.132 J	0.150 J
Sodium (Na)	7440-23-5	mg/kg	70.3 J	64.2 J	61.5 J	494	497	496	495
Thallium	7440-28-0	mg/kg	0.0969 J	0.0611 J	0.0611 J	< 0.197 U	< 0.182 U	< 0.217 U	< 0.202 U
Vanadium	7440-62-2	mg/kg	11.6	8.65	8.18 J+	10.6 J	7.52 J	11.5	12.6
Zinc	7440-66-6	mg/kg	15.6	14.2	10.1 J+	38.6	34.9	21.4 J	18.9 J
PCBs									
Aroclor 1016	12674-11-2	mg/kg	—	—	—	< 0.047 U	< 0.046 U	< 0.050 U	< 0.052 U
Aroclor 1221	11104-28-2	mg/kg	—	—	—	< 0.047 U	< 0.046 U	< 0.050 U	< 0.052 U
Aroclor 1232	11141-16-5	mg/kg	—	—	—	< 0.075 U	< 0.074 U	< 0.079 U	< 0.084 U
Aroclor 1242	53469-21-9	mg/kg	—	—	—	< 0.047 U	< 0.046 U	< 0.050 U	< 0.052 U
Aroclor 1248	12672-29-6	mg/kg	—	—	—	< 0.047 U	< 0.046 U	< 0.050 U	0.080 J
Aroclor 1254	11097-69-1	mg/kg	—	—	—	< 0.047 U	< 0.046 U	0.041 J	0.058 J
Aroclor 1260	11096-82-5	mg/kg	—	—	—	< 0.047 UJ	0.043 J	0.036 J	< 0.052 U
Aroclor 1262	37324-23-5	mg/kg	—	—	—	< 0.047 U	< 0.046 U	< 0.050 U	< 0.052 U
Aroclor 1268	11100-14-4	mg/kg	—	—	—	< 0.047 U	< 0.046 U	< 0.050 U	< 0.052 U
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	< 0.45	0.44	0.35	0.51
SVOCs									
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.054 U	< 0.046 U	< 0.042 U	< 0.16 UJ	< 0.15 UJ	< 0.17 UJ	< 0.17 UJ
1-Methylnaphthalene	90-12-0	mg/kg	0.0035	< 0.0018 U	< 0.0017 U	0.023 J	0.039 J	0.040 J	0.029 J
2-Chloronaphthalene	91-58-7	mg/kg	< 0.021 U	< 0.018 U	< 0.017 U	< 0.062 UJ	< 0.061 UJ	< 0.067 UJ	< 0.069 UJ
2-Methylnaphthalene	91-57-6	mg/kg	0.0042	0.0010 J	< 0.0017 U	0.026 J	0.047 J	0.053 J	0.035 J
2-Methylphenol	95-48-7	mg/kg	< 0.054 U	< 0.046 U	< 0.042 U	< 0.16 U	< 0.15 U	< 0.17 U	< 0.17 U
3,4-Methylphenol	108394/106445	mg/kg	2.1	0.075	< 0.042 U	< 0.16 UJ	< 0.15 UJ	< 0.17 UJ	< 0.17 UJ
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.054 U	< 0.046 U	< 0.042 U	< 0.16 UJ	< 0.15 UJ	< 0.17 UJ	< 0.17 UJ
4-Chloroaniline	106-47-8	mg/kg	< 0.11 U	< 0.092 U	< 0.085 U	< 0.31 U	< 0.31 U	< 0.33 U	< 0.35 U
Acenaphthene	83-32-9	mg/kg	0.0077	< 0.0018 U	< 0.0017 U	0.034 J	0.063 J	0.079 J	0.066 J
Acenaphthylene	208-96-8	mg/kg	0.0024 J	< 0.0018 U	< 0.0017 U	0.13 J	0.27 J	0.45 J-	0.35 J-
Anthracene	120-12-7	mg/kg	< 0.0021 U	0.0026	0.0011 J	0.17 J	0.45 J	0.64 J-	0.48 J-

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID		CH-SWSD123 CH-SWSD123-SE01 6/6/2017 N	CH-SWSD124 CH-SWSD124-SE01 6/6/2017 N	CH-SWSD125 CH-SWSD125-SE01 6/6/2017 N	CH-SWSD126 CH-SWSD126-SE01 6/7/2017 N	CH-SWSD126 CH-SWSD126-SE01D 6/7/2017 FD CH-SWSD126-SE01	CH-SWSD127 CH-SWSD127-SE01 6/7/2017 N	CH-SWSD128 CH-SWSD128-SE01 6/7/2017 N	CH-SWSD129 CH-SWSD129-SE01 6/7/2017 N	
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 0.21 U	< 0.18 U	< 0.17 U	< 0.62 UJ	< 0.61 UJ	< 0.67 UJ	< 0.69 UJ	< 0.63 U
Benzo(a)anthracene	56-55-3	mg/kg	< 0.0021 U	< 0.0018 U	< 0.0017 U	0.34 J	0.82 J	1.1 J-	0.67 J-	3.4
Benzo(a)pyrene	50-32-8	mg/kg	0.0018 J	0.0011 J	< 0.0017 U	0.27 J	0.64 J	0.76 J-	0.52 J-	2.1
Benzo(b)fluoranthene	205-99-2	mg/kg	0.0038	0.0023 J	< 0.0017 U	0.76 J	1.7 J	2.2 J-	1.8 J-	5.8
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.0021 U	< 0.0018 U	< 0.0017 UJ	0.19 J	0.46 J	0.56 J-	0.39 J-	1.4
Benzo(k)fluoranthene	207-08-9	mg/kg	0.0041	0.0052	0.00098 J	0.30 J	0.83 J	1.1 J-	0.66 J-	3.0
Benzoic acid	65-85-0	mg/kg	0.49 J	0.29 J	< 0.64 U	< 2.3 UJ	< 2.3 UJ	< 2.5 UJ	< 2.6 UJ	< 2.4 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.054 U	< 0.046 U	< 0.042 U	< 0.16 U	< 0.15 U	< 0.17 U	< 0.17 U	< 0.16 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.21 U	< 0.18 U	< 0.17 U	< 0.62 UJ	< 0.61 UJ	< 0.67 UJ	< 0.69 UJ	< 0.63 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.21 U	< 0.18 U	< 0.17 U	< 0.62 UJ	< 0.61 UJ	< 0.67 UJ	< 0.69 UJ	< 0.63 U
Caprolactam	105-60-2	mg/kg	< 0.21 U	< 0.18 U	< 0.17 U	< 0.62 UJ	< 0.61 UJ	< 0.67 UJ	< 0.69 UJ	< 0.63 U
CARBAZOLE	86-74-8	mg/kg	< 0.054 U	< 0.046 U	< 0.042 U	0.13 J	0.30 J	0.41 J-	0.41 J-	0.95
Chrysene	218-01-9	mg/kg	0.0016 J	0.0013 J	< 0.0017 U	0.61 J	1.5 J	2.0 J-	1.6 J-	5.8
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.0021 U	< 0.0018 U	< 0.0017 U	0.060 J	0.15 J	0.26 J-	0.17 J-	0.47
Dibenzofuran	132-64-9	mg/kg	< 0.054 U	< 0.046 U	< 0.042 U	< 0.16 UJ	< 0.15 UJ	< 0.17 UJ	< 0.17 UJ	0.11 J
Diethyl phthalate	84-66-2	mg/kg	< 0.21 U	< 0.18 U	< 0.17 U	< 0.62 UJ	< 0.61 UJ	< 0.67 UJ	< 0.69 UJ	< 0.63 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.21 U	< 0.18 U	< 0.17 U	< 0.62 UJ	< 0.61 UJ	< 0.67 UJ	< 0.69 UJ	< 0.63 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.21 U	< 0.18 U	< 0.17 U	< 0.62 UJ	< 0.61 UJ	< 0.67 UJ	< 0.69 UJ	< 0.63 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.21 U	< 0.18 U	< 0.17 U	< 0.62 UJ	< 0.61 UJ	< 0.67 UJ	< 0.69 UJ	< 0.63 U
Fluoranthene	206-44-0	mg/kg	0.0024 J	0.0014 J	< 0.0017 U	1.2 J	2.8 J	3.3 J-	3.7 J-	9.0
Fluorene	86-73-7	mg/kg	0.052	< 0.0018 U	0.0014 J	0.038 J	0.064 J	0.096 J-	0.082 J	0.17
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.0011 J	< 0.0018 U	< 0.0017 U	0.21 J	0.51 J	0.61 J-	0.46 J-	1.5
Naphthalene	91-20-3	mg/kg	0.0017 J	< 0.0018 U	< 0.0017 U	0.046 J	0.085 J	0.12 J-	0.072 J	0.20
Phenanthrene	85-01-8	mg/kg	0.0070	0.0013 J	< 0.0017 U	0.39 J	0.91 J	0.89 J-	1.5 J-	2.4
Pyrene	129-00-0	mg/kg	0.0022 J	0.0023 J	0.00085 J	0.86 J	2.1 J	2.4 J-	2.5 J-	6.8
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.0028	0.0017	0.0039	0.46	1.1	1.4	0.99	3.7
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	0.019	0.017	0.0082	3.6	8.7	11	8.8	30
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	0.083	0.013	0.011	2.1	4.7	5.7	6.3	15
Total PAHs Calculated	CALC-PAH	mg/kg	0.10	0.030	0.019	5.7	13	17	15	45
TOC										
Total Organic Carbon	TOC	mg/kg	11700	9040	4400 J	502000	496000	490000	615000	594000

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD130 CH-SWSD130-SE01 6/7/2017 N	CH-SWSD131 CH-SWSD131-SE01 6/7/2017 N	CH-SWSD132 CH-SWSD132-SE01 6/7/2017 N	CH-SWSD133 CH-SWSD133-SE01 6/7/2017 N	CH-SWSD134 CH-SWSD134-SE01 6/7/2017 N	CH-SWSD135 CH-SWSD135-SE01 6/7/2017 N	CH-SWSD136 CH-SWSD136-SE01 6/7/2017 N	CH-SWSD136 CH-SWSD136-SE01D 6/7/2017 FD CH-SWSD136-SE01
Chemical	CAS	Units								
General Chemistry										
Oxidation Reduction Potential	ORP	mV	508	—	—	—	—	—	—	—
pH	PH	std units	3.88	—	—	—	—	—	—	—
Metals										
Aluminum	7429-90-5	mg/kg	3590	3540 J+	2930	3550	3170	4000	3630	4160
Antimony	7440-36-0	mg/kg	0.615 J	< 0.821 U	< 0.833 U	< 0.760 U	< 0.978 U	< 0.896 U	0.549 J	< 0.869 UJ
Arsenic	7440-38-2	mg/kg	1.07 J	1.27 J	1.13 J	1.37 J	1.10 J	1.01 J	1.54 J	1.16 J
Barium	7440-39-3	mg/kg	59.2	65.4 J+	53.1	61.9	56.1	72.0	55.3	52.6
Beryllium	7440-41-7	mg/kg	0.225 J	0.234 J	0.185 J	0.230 J	0.243 J	0.335 J	0.310 J	0.331 J
Cadmium	7440-43-9	mg/kg	< 0.400 U	< 0.411 U	0.244 J	< 0.380 U	0.262 J	0.200 J	0.193 J	0.169 J
Calcium (Ca)	7440-70-2	mg/kg	2200	2460 J+	2040	2030	2270	3110	2200	2510
Chromium	7440-47-3	mg/kg	3.95	3.92 J	3.10 J	4.09	3.49 J	3.99	3.54 J	3.78
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	3.9	—	—	—	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	—	0.98 J	0.78 J	1.0	0.87 J	1.0	0.89 J	0.95
Chromium(VI)	18540-29-9	mg/kg	< 2.3 U	—	—	—	—	—	—	—
Cobalt	7440-48-4	mg/kg	0.632 J	0.692 J	0.693 J	0.609 J	0.670 J	0.675 J	0.793 J	0.729 J
Copper	7440-50-8	mg/kg	13.1	13.4 J+	13.4	15.4	14.6	15.0	13.3	15.4
Iron (Fe)	7439-89-6	mg/kg	440	826 J+	742	770	904	1120	776	834
Lead	7439-92-1	mg/kg	24.0	22.2 J+	22.3	26.5	16.2	14.8	13.0	12.5
Magnesium (Mg)	7439-95-4	mg/kg	822	949	792	764	722	1120	665	736
Manganese (Mn)	7439-96-5	mg/kg	13.9 J+	14.2 J+	18.6 J+	16.8 J+	18.2 J+	28.4 J+	11.2 J+	13.8
Mercury	7439-97-6	mg/kg	0.238 J	0.216 J	0.216 J	0.268 J	0.216 J	0.212 J	0.248 J	0.139 J
Nickel	7440-02-0	mg/kg	2.99 J	3.19 J	3.04 J	3.58	2.80 J	3.36 J	2.60 J	2.71 J
Potassium (K)	7440-09-7	mg/kg	329	305 J	325 J	279 J	221 J	186 J	170 J	213 J
Selenium	7782-49-2	mg/kg	1.77 J	1.87 J	1.57 J	1.98 J	1.87 J	2.43 J	1.71 J	1.87 J
Silver	7440-22-4	mg/kg	0.122 J	0.138 J	< 0.208 U	0.0958 J	< 0.244 U	< 0.224 U	0.128 J	< 0.217 UJ
Sodium (Na)	7440-23-5	mg/kg	435	436	423	424	358 J	381	372 J	368
Thallium	7440-28-0	mg/kg	< 0.200 U	< 0.205 U	< 0.208 U	< 0.190 U	< 0.244 U	< 0.224 U	< 0.243 U	< 0.217 U
Vanadium	7440-62-2	mg/kg	11.0	9.27 J+	8.88	10.3	8.69	6.99	10.2	9.87
Zinc	7440-66-6	mg/kg	27.3	32.0 J+	32.5	24.2	27.4 J	25.0 J	30.4	30.3
PCBs										
Aroclor 1016	12674-11-2	mg/kg	< 0.059 U	< 0.057 U	< 0.059 U	< 0.056 U	< 0.060 U	< 0.055 U	< 0.072 U	< 0.061 U
Aroclor 1221	11104-28-2	mg/kg	< 0.059 U	< 0.057 U	< 0.059 U	< 0.056 U	< 0.060 U	< 0.055 U	< 0.072 U	< 0.061 U
Aroclor 1232	11141-16-5	mg/kg	< 0.094 U	< 0.091 U	< 0.095 U	< 0.089 U	< 0.096 U	< 0.087 U	< 0.11 U	< 0.098 U
Aroclor 1242	53469-21-9	mg/kg	< 0.059 U	< 0.057 U	< 0.059 U	< 0.056 U	< 0.060 U	< 0.055 U	< 0.072 U	< 0.061 U
Aroclor 1248	12672-29-6	mg/kg	< 0.059 U	< 0.057 U	< 0.059 U	< 0.056 U	< 0.060 U	< 0.055 U	< 0.072 U	< 0.061 U
Aroclor 1254	11097-69-1	mg/kg	< 0.059 U	< 0.057 U	< 0.059 U	0.030 J	< 0.060 U	< 0.055 U	< 0.072 U	< 0.061 U
Aroclor 1260	11096-82-5	mg/kg	< 0.059 U	< 0.057 U	< 0.059 U	< 0.056 U	< 0.060 U	< 0.055 U	< 0.072 U	< 0.061 U
Aroclor 1262	37324-23-5	mg/kg	< 0.059 U	< 0.057 U	< 0.059 U	< 0.056 U	< 0.060 U	< 0.055 U	< 0.072 U	< 0.061 U
Aroclor 1268	11100-14-4	mg/kg	< 0.059 U	< 0.057 U	< 0.059 U	< 0.056 U	< 0.060 U	< 0.055 U	< 0.072 U	< 0.061 U
Total PCBs Calculated	CALC-PCB	mg/kg	< 0.57	< 0.55	< 0.57	0.51	< 0.58	< 0.53	< 0.69	< 0.59
SVOCs										
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.20 U	< 0.19 UJ	< 0.20 U	< 0.19 U	< 0.20 U	< 0.18 U	< 0.24 U	< 0.20 U
1-Methylnaphthalene	90-12-0	mg/kg	0.37	0.054 J	0.060 J	0.040 J	0.097 J	0.036 J	0.21 J	0.054 J
2-Chloronaphthalene	91-58-7	mg/kg	< 0.078 U	< 0.076 UJ	< 0.079 U	< 0.074 U	< 0.081 U	< 0.073 U	< 0.095 U	< 0.082 U
2-Methylnaphthalene	91-57-6	mg/kg	0.59	0.075 J	0.073 J	0.051 J	0.13	0.048 J	0.22 J	0.067 J
2-Methylphenol	95-48-7	mg/kg	< 0.20 U	< 0.19 UJ	< 0.20 U	< 0.19 U	< 0.20 U	< 0.18 U	< 0.24 U	< 0.20 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.20 U	< 0.19 UJ	< 0.20 U	< 0.19 U	< 0.20 U	< 0.18 U	< 0.24 U	< 0.20 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.20 U	< 0.19 UJ	< 0.20 U	< 0.19 U	< 0.20 U	< 0.18 U	< 0.24 U	< 0.20 U
4-Chloroaniline	106-47-8	mg/kg	< 0.39 U	< 0.38 UJ	< 0.40 U	< 0.37 U	< 0.40 U	< 0.36 U	< 0.47 U	< 0.41 U
Acenaphthene	83-32-9	mg/kg	0.16	0.093 J	0.16	0.13	0.25	0.16	0.62 J	0.11 J
Acenaphthylene	208-96-8	mg/kg	1.0	0.73 J	0.66	0.41	1.3	0.31	1.4 J	0.27 J
Anthracene	120-12-7	mg/kg	1.4	1.1 J	0.85	0.53	3.2	0.65	1.6 J	0.31 J

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD130	CH-SWSD131	CH-SWSD132	CH-SWSD133	CH-SWSD134	CH-SWSD135	CH-SWSD136	CH-SWSD136
		Sample ID	CH-SWSD130-SE01	CH-SWSD131-SE01	CH-SWSD132-SE01	CH-SWSD133-SE01	CH-SWSD134-SE01	CH-SWSD135-SE01	CH-SWSD136-SE01	CH-SWSD136-SE01D
		Sample Date	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017
		Sample Type Code	N	N	N	N	N	N	N	N
		Parent Sample ID								FD
										CH-SWSD136-SE01
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 0.78 U	< 0.76 UJ	< 0.79 U	< 0.74 U	< 0.81 U	< 0.73 U	< 0.95 U	< 0.82 U
Benzo(a)anthracene	56-55-3	mg/kg	2.2	2.2 J-	1.4	0.96	5.8	0.69	1.8 J	0.69 J
Benzo(a)pyrene	50-32-8	mg/kg	1.6	1.6 J	0.96	0.62	2.7	0.39	1.1 J	0.41 J
Benzo(b)fluoranthene	205-99-2	mg/kg	5.0	4.5 J	2.8	1.7	7.2	0.99	3.5 J	1.2 J
Benzo(g,h,i)perylene	191-24-2	mg/kg	1.2	1.1 J	0.63	0.40	1.6	0.23	0.84 J	0.28 J
Benzo(k)fluoranthene	207-08-9	mg/kg	1.6	1.7 J	0.98	0.71	3.5	0.39	1.6 J	0.48 J
Benzoic acid	65-85-0	mg/kg	< 2.9 U	< 2.9 UJ	< 3.0 U	< 2.8 U	< 3.0 U	< 2.7 U	< 3.6 U	< 3.1 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.20 U	< 0.19 UJ	< 0.20 U	< 0.19 U	< 0.20 U	< 0.18 U	< 0.24 U	< 0.20 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.78 U	< 0.76 UJ	< 0.79 U	< 0.74 U	< 0.81 U	< 0.73 U	< 0.95 U	< 0.82 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.78 U	< 0.76 UJ	< 0.79 U	< 0.74 U	< 0.81 U	< 0.73 U	< 0.95 U	< 0.82 U
Caprolactam	105-60-2	mg/kg	< 0.78 U	< 0.76 UJ	< 0.79 U	< 0.74 U	< 0.81 U	< 0.73 U	< 0.95 U	< 0.82 U
CARBAZOLE	86-74-8	mg/kg	0.73	0.63 J	0.44	0.30	0.81	0.30	1.1 J	0.23 J
Chrysene	218-01-9	mg/kg	4.4	3.9 J	2.5	1.6	8.7	1.1	5.2 J	1.2 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.40	0.37 J	0.27	0.17	0.57	0.093	0.24 J	0.095 J
Dibenzofuran	132-64-9	mg/kg	0.12 J	< 0.19 UJ	0.10 J	< 0.19 U	0.16 J	0.22	0.45 J	< 0.20 UJ
Diethyl phthalate	84-66-2	mg/kg	< 0.78 U	< 0.76 UJ	< 0.79 U	< 0.74 U	< 0.81 U	< 0.73 U	< 0.95 U	< 0.82 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.78 U	< 0.76 UJ	< 0.79 U	< 0.74 U	< 0.81 U	< 0.73 U	< 0.95 U	< 0.82 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.78 U	< 0.76 UJ	< 0.79 U	< 0.74 U	< 0.81 U	< 0.73 U	< 0.95 U	< 0.82 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.78 U	< 0.76 UJ	< 0.79 U	< 0.74 U	< 0.81 U	< 0.73 U	< 0.95 U	< 0.82 U
Fluoranthene	206-44-0	mg/kg	7.4	6.0 J-	4.0	2.5	17	2.5	14 J	2.4 J
Fluorene	86-73-7	mg/kg	0.24	0.12 J	0.14	0.11	0.27	0.47	0.58 J	0.070 J
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	1.3	1.2 J	0.70	0.44	1.8	0.25	0.91 J	0.31 J
Naphthalene	91-20-3	mg/kg	1.5	0.16 J	0.090 J	0.064 J	0.18	0.049 J	0.46 J	0.18 J
Phenanthrene	85-01-8	mg/kg	1.8	1.5 J	1.4	0.95	2.9	2.5	9.9 J	0.91 J
Pyrene	129-00-0	mg/kg	5.4	4.5 J	2.9	1.9	12	1.9	8.7 J	1.8 J
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	2.9	2.8	1.7	1.1	4.8	0.68	2.0	0.73
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	23	21	13	8.5	44	6.0	24	6.5
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	14	9.8	7.4	4.8	25	6.7	29	4.4
Total PAHs Calculated	CALC-PAH	mg/kg	38	31	21	13	69	13	53	11
TOC										
Total Organic Carbon	TOC	mg/kg	525000	502000 J	482000	543000	582000	522000	440000	563000

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID			CH-SWSD137 CH-SWSD137-SE01 6/7/2017 N	CH-SWSD138 CH-SWSD138-SE01 6/7/2017 N	CH-SWSD139 CH-SWSD139-SE01 6/7/2017 N	CH-SWSD140 CH-SWSD140-SE01 6/7/2017 N	CH-SWSD141 CH-SWSD141-SE01 6/9/2017 N	CH-SWSD142 CH-SWSD142-SE01 6/9/2017 N	CH-SWSD143 CH-SWSD143-SE01 6/9/2017 N	CH-SWSD144 CH-SWSD144-SE01 6/9/2017 N
Chemical	CAS	Units								
General Chemistry										
Oxidation Reduction Potential	ORP	mV	—	—	—	467	—	—	—	—
pH	PH	std units	—	—	—	5.10	—	—	—	—
Metals										
Aluminum	7429-90-5	mg/kg	4260	5560	4590	4740	4090	3760	2620	4880
Antimony	7440-36-0	mg/kg	< 0.959 U	< 0.868 U	0.469 J	< 0.584 U	< 0.330 U	< 0.323 U	< 0.342 U	< 0.463 U
Arsenic	7440-38-2	mg/kg	1.76 J	2.00 J	1.23 J	0.978 J	1.75	1.86	1.02 J	2.40
Barium	7440-39-3	mg/kg	65.8	59.2	35.9	31.0	39.5	36.7	24.4	49.6
Beryllium	7440-41-7	mg/kg	0.359 J	0.511 J	0.268 J	0.404 J	0.460	0.383	0.269 J	0.573
Cadmium	7440-43-9	mg/kg	0.342 J	0.310 J	0.240 J	0.607	0.232 J	0.208 J	0.120 J	0.380 J
Calcium (Ca)	7440-70-2	mg/kg	3190	3210	1440	1550	1530	1040	805	1700
Chromium	7440-47-3	mg/kg	4.83	5.77	4.71	5.37	5.25	5.50	3.65	6.39
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	5.4	—	—	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	1.2	1.4	1.2	—	1.3	1.4	0.91	1.6
Chromium(VI)	18540-29-9	mg/kg	—	—	—	< 1.6 U	—	—	—	—
Cobalt	7440-48-4	mg/kg	0.809 J	1.35	0.559 J	0.884	2.58	2.44	2.10	3.50
Copper	7440-50-8	mg/kg	14.6	16.5	10.1	6.69	4.58	4.00	2.71	5.73
Iron (Fe)	7439-89-6	mg/kg	1180	1740	862	1790	4030	4930	2990	5590
Lead	7439-92-1	mg/kg	16.8	9.68	9.16	8.25	6.44	5.81	4.29	8.50
Magnesium (Mg)	7439-95-4	mg/kg	1010	1400	458	942	799	708	515	846
Manganese (Mn)	7439-96-5	mg/kg	24.4	34.3	18.9	35.1	47.8	44.7	29.8	86.4
Mercury	7439-97-6	mg/kg	0.186 J	0.144 J	0.116 J	0.0609 J	0.0337 J	0.0343 J	< 0.0309 U	0.0539 J
Nickel	7440-02-0	mg/kg	2.89 J	4.27	3.77	3.46	4.22	4.05	2.74	5.22
Potassium (K)	7440-09-7	mg/kg	307 J	294 J	361	414	383	360	253	514
Selenium	7782-49-2	mg/kg	1.98 J	2.35 J	2.41 J	3.06	0.407 J	0.389 J	0.240 J	0.688 J
Silver	7440-22-4	mg/kg	0.119 J	0.103 J	< 0.225 U	< 0.146 U	< 0.0825 U	< 0.0807 U	< 0.0856 U	< 0.116 U
Sodium (Na)	7440-23-5	mg/kg	347 J	398	341 J	250	179	143	127 J	203
Thallium	7440-28-0	mg/kg	< 0.240 U	< 0.217 U	< 0.225 U	< 0.146 U	0.0663 J	0.0474 J	< 0.0856 U	< 0.116 U
Vanadium	7440-62-2	mg/kg	11.1	14.1	15.4	14.3	9.67	8.61	5.99	9.47
Zinc	7440-66-6	mg/kg	35.9	56.1	14.6 J	14.7 J	31.0	26.0	19.1	34.8
PCBs										
Aroclor 1016	12674-11-2	mg/kg	< 0.058 U	< 0.055 U	< 0.047 U	< 0.040 U	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	< 0.058 U	< 0.055 U	< 0.047 U	< 0.040 U	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	< 0.093 U	< 0.088 U	< 0.075 U	< 0.064 U	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	< 0.058 U	< 0.055 U	< 0.047 U	< 0.040 U	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	< 0.058 U	< 0.055 U	0.034 J	< 0.040 U	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	< 0.058 U	< 0.055 U	< 0.047 U	< 0.040 U	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	< 0.058 U	< 0.055 U	< 0.047 U	< 0.040 U	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	< 0.058 U	< 0.055 U	< 0.047 U	< 0.040 U	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	< 0.058 U	< 0.055 U	< 0.047 U	< 0.040 U	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	< 0.56	< 0.53	0.44	< 0.38	—	—	—	—
SVOCs										
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.19 U	< 0.18 U	< 0.16 U	< 0.13 U	< 0.079 U	< 0.071 U	< 0.063 U	< 0.088 U
1-Methylnaphthalene	90-12-0	mg/kg	0.13	0.27	0.27	0.035 J	0.48	1.7	0.37	1.5
2-Chloronaphthalene	91-58-7	mg/kg	< 0.077 U	< 0.074 U	< 0.062 U	< 0.053 U	< 0.031 U	< 0.028 U	< 0.025 U	< 0.035 U
2-Methylnaphthalene	91-57-6	mg/kg	0.18	0.37	0.29	0.060 J	0.22	1.1	0.13	0.89
2-Methylphenol	95-48-7	mg/kg	< 0.19 U	< 0.18 U	< 0.16 U	< 0.13 U	< 0.079 U	< 0.071 U	< 0.063 U	< 0.088 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.19 U	< 0.18 U	< 0.16 U	< 0.13 U	< 0.079 U	< 0.071 U	< 0.063 U	< 0.088 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.19 U	< 0.18 U	< 0.16 U	< 0.13 U	< 0.079 U	< 0.071 U	< 0.063 U	< 0.088 U
4-Chloroaniline	106-47-8	mg/kg	< 0.39 U	< 0.37 U	< 0.31 U	< 0.27 U	< 0.16 U	< 0.14 U	< 0.13 U	< 0.18 U
Acenaphthene	83-32-9	mg/kg	0.37	0.68	0.99	0.094	0.96	1.8	0.67	1.8
Acenaphthylene	208-96-8	mg/kg	1.4	0.33	1.5	0.34	0.13	0.16	0.16	0.15
Anthracene	120-12-7	mg/kg	2.5	0.76	2.0	0.56	0.22	0.28	0.28	0.31

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD137	CH-SWSD138	CH-SWSD139	CH-SWSD140	CH-SWSD141	CH-SWSD142	CH-SWSD143	CH-SWSD144
		Sample ID	CH-SWSD137-SE01	CH-SWSD138-SE01	CH-SWSD139-SE01	CH-SWSD140-SE01	CH-SWSD141-SE01	CH-SWSD142-SE01	CH-SWSD143-SE01	CH-SWSD144-SE01
		Sample Date	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017
		Sample Type Code	N	N	N	N	N	N	N	N
		Parent Sample ID								
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 0.77 U	< 0.74 U	< 0.62 U	< 0.53 U	< 0.31 U	< 0.28 U	< 0.25 U	< 0.35 U
Benzo(a)anthracene	56-55-3	mg/kg	2.7	1.1	3.6	1.2	0.45	0.66	0.67	0.56
Benzo(a)pyrene	50-32-8	mg/kg	1.6	0.68	2.5	0.88	0.38	0.48	0.43	0.38
Benzo(b)fluoranthene	205-99-2	mg/kg	4.4	1.5	6.2	1.9	0.79	1.1	0.97	0.90
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.98	0.35	1.5	0.51	0.21	0.27	0.25	0.22
Benzo(k)fluoranthene	207-08-9	mg/kg	1.9	0.68	3.4	0.82	0.36	0.50	0.52	0.45
Benzoic acid	65-85-0	mg/kg	< 2.9 U	< 2.8 U	< 2.3 U	< 2.0 U	< 1.2 U	< 1.1 U	< 0.94 U	< 1.3 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.19 U	0.16 J	0.12 J	< 0.13 U	< 0.079 U	0.10	< 0.063 U	0.12
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.77 U	< 0.74 U	< 0.62 U	< 0.53 U	< 0.31 U	< 0.28 U	< 0.25 U	< 0.35 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.77 U	< 0.74 U	< 0.62 U	< 0.53 U	< 0.31 U	< 0.28 U	< 0.25 U	< 0.35 U
Caprolactam	105-60-2	mg/kg	< 0.77 U	< 0.74 U	< 0.62 U	< 0.53 U	< 0.31 U	< 0.28 U	< 0.25 U	< 0.35 U
CARBAZOLE	86-74-8	mg/kg	1.1	0.34	1.4	0.39	0.31	0.58	0.26	0.61
Chrysene	218-01-9	mg/kg	5.4	2.0	8.4	2.0	0.71	1.1	1.0	0.86
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.31	0.13	0.45	0.16	0.067	0.082	0.078	0.064
Dibenzofuran	132-64-9	mg/kg	0.27	0.43	0.53	0.085 J	0.85	1.1	0.35	1.4
Diethyl phthalate	84-66-2	mg/kg	< 0.77 U	< 0.74 U	< 0.62 U	< 0.53 U	< 0.31 U	< 0.28 U	< 0.25 U	< 0.35 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.77 U	< 0.74 U	< 0.62 U	< 0.53 U	< 0.31 U	< 0.28 U	< 0.25 U	< 0.35 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.77 U	< 0.74 U	< 0.62 U	< 0.53 U	< 0.31 U	< 0.28 U	< 0.25 U	< 0.35 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.77 U	< 0.74 U	< 0.62 U	< 0.53 U	< 0.31 U	< 0.28 U	< 0.25 U	< 0.35 U
Fluoranthene	206-44-0	mg/kg	10	3.6	25	3.4	1.8	2.7	3.0	2.2
Fluorene	86-73-7	mg/kg	0.41	0.51	0.94	0.14	0.81	1.0	0.43	1.3
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	1.0	0.36	1.6	0.51	0.23	0.29	0.27	0.24
Naphthalene	91-20-3	mg/kg	0.21	0.26	0.30	0.083	3.3	6.5	1.9	6.2
Phenanthrene	85-01-8	mg/kg	5.4	1.4	14	1.5	0.88	1.4	1.3	2.0
Pyrene	129-00-0	mg/kg	7.1	2.6	16	2.7	1.5	2.4	2.3	1.7
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	2.7	1.1	4.1	1.4	0.60	0.77	0.71	0.62
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	25	9.4	44	11	4.7	6.9	6.5	5.4
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	21	8.2	45	6.2	8.8	17	8.2	16
Total PAHs Calculated	CALC-PAH	mg/kg	46	18	89	17	13	24	15	22
TOC										
Total Organic Carbon	TOC	mg/kg	378000	399000	253000	144000	29100	37400	21200	24100

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID		CH-SWSD145 CH-SWSD145-SE01 6/9/2017 N	CH-SWSD146 CH-SWSD146-SE01 6/9/2017 N	CH-SWSD147 CH-SWSD147-SE01 6/9/2017 N	CH-SWSD148 CH-SWSD148-SE01 6/9/2017 N	CH-SWSD149 CH-SWSD149-SE01 6/9/2017 N	CH-SWSD150 CH-SWSD150-SE01 6/9/2017 N	CH-SWSD151 CH-SWSD151-SE01 6/9/2017 N	CH-SWSD152 CH-SWSD152-SE01 6/9/2017 N	
Chemical	CAS	Units								
General Chemistry										
Oxidation Reduction Potential	ORP	mV	—	—	—	—	274	—	—	
pH	PH	std units	—	—	—	—	6.30	—	—	
Metals										
Aluminum	7429-90-5	mg/kg	6110 J	4510	4190	3010	12000	7750	6500	9160
Antimony	7440-36-0	mg/kg	< 0.506 UJ	< 0.356 U	< 0.309 U	< 0.247 U	< 0.727 U	< 0.207 U	< 0.375 U	< 0.399 U
Arsenic	7440-38-2	mg/kg	2.39 J+	1.91	1.67	1.32	5.60	2.38	2.25	2.97
Barium	7440-39-3	mg/kg	49.1	37.3	33.7	22.8	110	22.5	26.3	33.9
Beryllium	7440-41-7	mg/kg	0.658	0.490	0.409	0.255	1.40	0.309	0.249 J	0.332 J
Cadmium	7440-43-9	mg/kg	0.378 J	0.222 J	0.272 J	0.146 J	0.728	0.0592 J	0.109 J	0.185 J
Calcium (Ca)	7440-70-2	mg/kg	1950 J+	1740	1330	801	4550	563	447	584
Chromium	7440-47-3	mg/kg	8.76	5.56	4.93	4.14	16.6	9.72	9.63	12.8
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—	—	—	—	9.7	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	2.2	1.4	1.2	1.0	4.2	—	2.4	3.2
Chromium(VI)	18540-29-9	mg/kg	—	—	—	—	—	< 0.58 U	—	—
Cobalt	7440-48-4	mg/kg	4.64 J	3.39	2.72	1.73	8.91	2.04	1.09	1.57
Copper	7440-50-8	mg/kg	6.17	4.85	4.10	2.91	13.9	9.41	3.00	7.86
Iron (Fe)	7439-89-6	mg/kg	7080 J-	5150	4250	3020	15300	6710	4150	5730
Lead	7439-92-1	mg/kg	10.2 J-	8.41	6.87	5.10	21.0	11.7	19.3	28.1
Magnesium (Mg)	7439-95-4	mg/kg	1200	870	800	564	2410	1220	560	843
Manganese (Mn)	7439-96-5	mg/kg	95.8 J	86.1	78.2	47.4	209	58.9	26.2	30.6
Mercury	7439-97-6	mg/kg	0.0323 J	0.0279 J	0.0282 J	0.0317 J	0.153 J	0.0334 J	0.0857 J	0.145 J
Nickel	7440-02-0	mg/kg	5.90	4.26	3.94	2.73	12.6	5.54	3.33	5.37
Potassium (K)	7440-09-7	mg/kg	558 J	383	370	283	1000	523	304	497
Selenium	7782-49-2	mg/kg	0.627 J	0.440 J	0.342 J	0.247 J	1.53 J	0.387 J	0.964 J	1.23 J
Silver	7440-22-4	mg/kg	< 0.127 UJ	< 0.0890 U	< 0.0773 U	< 0.0618 U	0.0996 J	< 0.0518 U	0.0442 J	0.0793 J
Sodium (Na)	7440-23-5	mg/kg	191 J	150	140	95.6 J	353	96.4	168	215
Thallium	7440-28-0	mg/kg	0.0876 J	0.0719 J	0.0553 J	< 0.0618 U	0.169 J	0.100 J	0.126 J	0.154 J
Vanadium	7440-62-2	mg/kg	14.1	10.2	9.44	6.56	26.9	17.8	12.5	18.1
Zinc	7440-66-6	mg/kg	40.9 J+	30.0	29.9	20.8	95.9	18.9	9.94 J	14.8
PCBs										
Aroclor 1016	12674-11-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—	—	—	—	—	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—	—	—	—	—	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—	—	—	—	—	—	—
SVOCs										
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.087 U	< 0.081 U	< 0.068 U	< 0.051 U	< 0.17 U	< 0.047 U	< 0.065 U	< 0.079 U
1-Methylnaphthalene	90-12-0	mg/kg	1.0	0.55	0.23	0.46	0.025 J	0.012 J	0.0042	0.0043
2-Chloronaphthalene	91-58-7	mg/kg	< 0.035 U	< 0.032 U	< 0.027 U	< 0.021 U	< 0.069 U	< 0.019 U	< 0.026 U	< 0.032 U
2-Methylnaphthalene	91-57-6	mg/kg	1.0	0.53	0.14	0.48	0.050 J	0.010 J	0.0069	0.0052
2-Methylphenol	95-48-7	mg/kg	< 0.087 U	< 0.081 U	< 0.068 U	< 0.051 U	< 0.17 U	< 0.047 U	< 0.065 U	< 0.079 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.087 U	< 0.081 U	< 0.068 U	< 0.051 U	< 0.17 U	0.047 J	< 0.065 U	0.041 J
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.087 U	< 0.081 U	< 0.068 U	< 0.051 U	< 0.17 U	< 0.047 U	< 0.065 U	< 0.079 U
4-Chloroaniline	106-47-8	mg/kg	< 0.17 UJ	< 0.16 U	< 0.14 U	< 0.10 U	< 0.35 U	< 0.095 U	< 0.13 U	< 0.16 U
Acenaphthene	83-32-9	mg/kg	1.2	1.5	0.87	1.0	0.25	0.061	0.0041	0.0044
Acenaphthylene	208-96-8	mg/kg	0.19	0.20	0.31	0.11	0.24	0.021 J	0.0059	0.0082
Anthracene	120-12-7	mg/kg	0.34	3.7	0.51	0.29	1.1	0.14	0.011	0.0096

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

		Location ID	CH-SWSD145	CH-SWSD146	CH-SWSD147	CH-SWSD148	CH-SWSD149	CH-SWSD150	CH-SWSD151	CH-SWSD152
		Sample ID	CH-SWSD145-SE01	CH-SWSD146-SE01	CH-SWSD147-SE01	CH-SWSD148-SE01	CH-SWSD149-SE01	CH-SWSD150-SE01	CH-SWSD151-SE01	CH-SWSD152-SE01
		Sample Date	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017	6/9/2017
		Sample Type Code	N	N	N	N	N	N	N	N
		Parent Sample ID								
Chemical	CAS	Units								
SVOCs										
Benzaldehyde	100-52-7	mg/kg	< 0.35 U	< 0.32 U	< 0.27 U	< 0.21 U	< 0.69 U	< 0.19 U	< 0.26 U	0.27 J
Benzo(a)anthracene	56-55-3	mg/kg	0.50	4.2	1.5	0.47	2.9	0.29	0.033	0.043
Benzo(a)pyrene	50-32-8	mg/kg	0.38	3.1	0.97	0.35	1.6	0.29	0.040	0.056
Benzo(b)fluoranthene	205-99-2	mg/kg	0.85	4.6	2.2	0.77	2.9	0.44	0.080	0.11
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.22	1.6	0.54	0.20	0.63	0.18	0.012	0.017
Benzo(k)fluoranthene	207-08-9	mg/kg	0.39	2.3	1.0	0.31	1.2	0.18	0.057	0.086
Benzoic acid	65-85-0	mg/kg	0.55 J	< 1.2 U	< 1.0 U	< 0.77 U	< 2.6 U	0.27 J	0.63 J	2.3
Biphenyl, 1,1'-	92-52-4	mg/kg	0.060 J	0.13	0.052 J	0.098	< 0.17 U	< 0.047 U	< 0.065 U	< 0.079 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.35 U	< 0.32 U	< 0.27 U	< 0.21 U	< 0.69 U	< 0.19 U	< 0.26 U	< 0.32 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.35 U	< 0.32 U	< 0.27 U	< 0.21 U	< 0.69 U	< 0.19 U	< 0.26 U	< 0.32 U
Caprolactam	105-60-2	mg/kg	< 0.35 U	< 0.32 U	< 0.27 U	< 0.21 U	< 0.69 U	< 0.19 U	< 0.26 U	< 0.32 U
CARBAZOLE	86-74-8	mg/kg	0.30	1.1	0.43	0.42	0.14 J	0.063	< 0.065 U	< 0.079 U
Chrysene	218-01-9	mg/kg	0.74	4.1	2.4	0.77	3.5	0.28	0.051	0.060
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.059	0.53	0.16	0.057	0.22	0.058	0.0045	0.0064
Dibenzofuran	132-64-9	mg/kg	1.1	1.3	0.76	1.0	0.23	0.033 J	< 0.065 U	< 0.079 U
Diethyl phthalate	84-66-2	mg/kg	< 0.35 U	< 0.32 U	< 0.27 U	< 0.21 U	< 0.69 U	< 0.19 U	< 0.26 U	< 0.32 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.35 U	< 0.32 U	< 0.27 U	< 0.21 U	< 0.69 U	< 0.19 U	< 0.26 U	< 0.32 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.35 U	< 0.32 U	< 0.27 U	< 0.21 U	< 0.69 U	0.28	< 0.26 U	< 0.32 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.35 U	< 0.32 U	< 0.27 U	< 0.21 U	< 0.69 U	< 0.19 U	< 0.26 U	< 0.32 U
Fluoranthene	206-44-0	mg/kg	2.2	11	10	2.3	6.1	0.66	0.081	0.095
Fluorene	86-73-7	mg/kg	1.2	2.1	0.90	1.2	0.54	0.074	0.0073	0.0093
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.22	1.7	0.55	0.22	0.69	0.19	0.014	0.020
Naphthalene	91-20-3	mg/kg	3.9	1.4	0.66	0.96	0.091	0.014 J	0.017	0.0066
Phenanthrene	85-01-8	mg/kg	2.0	9.6	3.7	3.4	2.0	0.63	0.037	0.058
Pyrene	129-00-0	mg/kg	1.6	8.5	7.4	1.8	5.1	0.57	0.10	0.16
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.60	4.7	1.6	0.56	2.5	0.44	0.058	0.081
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	5.0	31	17	4.9	19	2.5	0.39	0.56
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	13	31	17	10	10	1.6	0.17	0.20
Total PAHs Calculated	CALC-PAH	mg/kg	18	61	34	15	29	4.1	0.57	0.76
TOC										
Total Organic Carbon	TOC	mg/kg	16300 J	32300	25000	16900	114000	13600	67200	87700

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

	Location ID	CH-SWSD153	CH-SWSD154	CH-SWSD155
	Sample ID	CH-SWSD153-SE01	CH-SWSD154-SE01	CH-SWSD155-SE01
	Sample Date	6/9/2017	6/9/2017	6/9/2017
	Sample Type Code	N	N	N
	Parent Sample ID			
Chemical	CAS	Units		
General Chemistry				
Oxidation Reduction Potential	ORP	mV	—	—
pH	PH	std units	—	—
Metals				
Aluminum	7429-90-5	mg/kg	8370	9700
Antimony	7440-36-0	mg/kg	< 0.364 U	< 0.271 U
Arsenic	7440-38-2	mg/kg	2.36	2.45
Barium	7440-39-3	mg/kg	35.0	34.8
Beryllium	7440-41-7	mg/kg	0.320 J	0.406
Cadmium	7440-43-9	mg/kg	0.0753 J	0.0829 J
Calcium (Ca)	7440-70-2	mg/kg	800	850
Chromium	7440-47-3	mg/kg	12.2	12.9
Chromium(III), Insoluble Salts (a)	16065-83-1	mg/kg	—	—
Chromium(VI) (b)	18540-29-9	mg/kg	3.1	3.2
Chromium(VI)	18540-29-9	mg/kg	—	—
Cobalt	7440-48-4	mg/kg	2.14	2.88
Copper	7440-50-8	mg/kg	6.03	11.4
Iron (Fe)	7439-89-6	mg/kg	7860	8510
Lead	7439-92-1	mg/kg	14.8	14.8
Magnesium (Mg)	7439-95-4	mg/kg	1310	1960
Manganese (Mn)	7439-96-5	mg/kg	63.4	77.2
Mercury	7439-97-6	mg/kg	0.0728 J	0.0638 J
Nickel	7440-02-0	mg/kg	6.02	7.13
Potassium (K)	7440-09-7	mg/kg	624	777
Selenium	7782-49-2	mg/kg	0.645 J	0.434 J
Silver	7440-22-4	mg/kg	< 0.0909 U	< 0.0677 U
Sodium (Na)	7440-23-5	mg/kg	145 J	129
Thallium	7440-28-0	mg/kg	0.108 J	0.116 J
Vanadium	7440-62-2	mg/kg	18.3	21.8
Zinc	7440-66-6	mg/kg	19.0	26.6
PCBs				
Aroclor 1016	12674-11-2	mg/kg	—	—
Aroclor 1221	11104-28-2	mg/kg	—	—
Aroclor 1232	11141-16-5	mg/kg	—	—
Aroclor 1242	53469-21-9	mg/kg	—	—
Aroclor 1248	12672-29-6	mg/kg	—	—
Aroclor 1254	11097-69-1	mg/kg	—	—
Aroclor 1260	11096-82-5	mg/kg	—	—
Aroclor 1262	37324-23-5	mg/kg	—	—
Aroclor 1268	11100-14-4	mg/kg	—	—
Total PCBs Calculated	CALC-PCB	mg/kg	—	—
SVOCs				
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.071 U	< 0.065 U
1-Methylnaphthalene	90-12-0	mg/kg	0.0074	0.0082
2-Chloronaphthalene	91-58-7	mg/kg	< 0.028 U	< 0.026 U
2-Methylnaphthalene	91-57-6	mg/kg	0.010	0.010
2-Methylphenol	95-48-7	mg/kg	< 0.071 U	< 0.065 U
3,4-Methylphenol	108394/106445	mg/kg	< 0.071 U	0.10
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.071 U	< 0.065 U
4-Chloroaniline	106-47-8	mg/kg	< 0.14 U	< 0.13 U
Acenaphthene	83-32-9	mg/kg	0.0048	0.0053
Acenaphthylene	208-96-8	mg/kg	0.017	0.014
Anthracene	120-12-7	mg/kg	0.023	0.023

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Location ID Sample ID Sample Date Sample Type Code Parent Sample ID		CH-SWSD153 CH-SWSD153-SE01 6/9/2017 N	CH-SWSD154 CH-SWSD154-SE01 6/9/2017 N	CH-SWSD155 CH-SWSD155-SE01 6/9/2017 N	
Chemical	CAS	Units			
SVOCs					
Benzaldehyde	100-52-7	mg/kg	< 0.28 U	< 0.26 U	< 0.30 U
Benzo(a)anthracene	56-55-3	mg/kg	0.079	0.089	0.16 J
Benzo(a)pyrene	50-32-8	mg/kg	0.085	0.10	0.16 J
Benzo(b)fluoranthene	205-99-2	mg/kg	0.22	0.22	0.39 J
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.025	0.028	0.059 J
Benzo(k)fluoranthene	207-08-9	mg/kg	0.096	0.089	0.17 J
Benzoic acid	65-85-0	mg/kg	< 1.1 U	< 0.97 U	< 1.1 U
Biphenyl, 1,1'-	92-52-4	mg/kg	< 0.071 U	< 0.065 U	< 0.074 U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	< 0.28 U	< 0.26 U	< 0.30 U
Butyl benzyl phthalate	85-68-7	mg/kg	< 0.28 U	< 0.26 U	< 0.30 U
Caprolactam	105-60-2	mg/kg	< 0.28 U	< 0.26 U	< 0.30 U
CARBAZOLE	86-74-8	mg/kg	< 0.071 U	< 0.065 U	< 0.074 U
Chrysene	218-01-9	mg/kg	0.12	0.12	0.23 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.010	0.012	0.023 J-
Dibenzofuran	132-64-9	mg/kg	< 0.071 U	< 0.065 U	< 0.074 U
Diethyl phthalate	84-66-2	mg/kg	< 0.28 U	< 0.26 U	< 0.30 U
Dimethyl phthalate	131-11-3	mg/kg	< 0.28 U	< 0.26 U	< 0.30 U
Di-n-butyl phthalate	84-74-2	mg/kg	< 0.28 U	< 0.26 U	< 0.30 U
Di-n-octyl phthalate	117-84-0	mg/kg	< 0.28 U	< 0.26 U	< 0.30 U
Fluoranthene	206-44-0	mg/kg	0.19	0.17	0.30 J
Fluorene	86-73-7	mg/kg	0.0072	0.0065	0.0077
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.031	0.036	0.071 J
Naphthalene	91-20-3	mg/kg	0.023	0.0086	0.0061 J
Phenanthrene	85-01-8	mg/kg	0.053	0.062	0.081 J
Pyrene	129-00-0	mg/kg	0.19	0.16	0.27 J
Total BaP PAHs Calculated	CALC-BaP TEQ	mg/kg	0.13	0.15	0.25
Total HMW PAHs Calculated	CALC-HMW PAHs	mg/kg	0.86	0.85	1.5
Total LMW PAHs Calculated	CALC-LMW PAHs	mg/kg	0.34	0.31	0.48
Total PAHs Calculated	CALC-PAH	mg/kg	1.2	1.2	2.0
TOC					
Total Organic Carbon	TOC	mg/kg	19100	22200	40100 J

Appendix B2 Table 14
Analytical Data Summary Tables - Phase III Sediment
Camp Hero Remedial Investigation
Montauk, New York

Notes:

< - Result not detected above the limit of detection.

BaP = benzo(a)pyrene

CALC - Calculated.

CAS - Chemical Abstracts Service.

FD - Field duplicate.

ft - feet.

J - The analyte was positively identified; the associated numerical value is an estimated quantity with an unknown bias.

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

HMW - High molecular weight.

LMW - Low molecular weight.

mg/kg - milligram per kilogram.

mV - millivolt.

N - Normal sample.

ORP - Oxidation Reduction Potential.

PAH - Polycyclic Aromatic Hydrocarbon.

PCB - Polychlorinated Biphenyl.

SVOC - Semivolatile organic compound.

TEQ - Toxic Equivalency

U - The analyte was not detected above the limit of detection.

UJ - The analyte was not detected above the reported limit of detection. However, the reported limit of detection is approximate and may or may not represent the actual limit of detection necessary to accurately and precisely measure the analyte in the sample.

VOC - Volatile organic compound.

(a) Chromium III concentrations were calculated by the laboratory by subtracting chromium IV from total chromium, and were reported to two significant figures.

(b) Chromium VI concentrations in these samples were calculated from total chromium concentrations using ratio presented in Appendix C.