U.S EPA Region III Analytical Request Form

OASQA USE ONLY			
Control #	**CT6432**	**RAS #**	
DAS#		**PES #**	
NSF #	**NSF 647**	**Analytical TAT**	

Date: 5/22/2013	Site Activity: Site Investigation		
Site Name: Super Salvage		Street Address: 1711 1st Street SW	
City: Washington	State: DC	Latitude:	Longitude:
Program: Multi-Media	Acct. #:	CERCLIS #:	
Site ID:	Spill ID:	Operable Unit:	
Site Specific QA Plan Submitted: ☐No ☒Yes	Title: **Super Salvage**		Date Approved:
EPA Project Leader: Gerard Crutchley	Phone#: (410) 305-2780	Cell Phone #: (443) 223-0507	E-mail: Crutchley.Gerard@epa.gov
Request Preparer: Gerard Crutchley	Phone#: (410) 305-2780	Cell Phone #: (443) 223-0507	E-mail: Crutchley.Gerard@eopa.gov
Site Leader: Gerard Crutchley	Phone#: (410) 305-2780	Cell Phone #: (443) 223-0507	E-mail: Crutchley.Gerard@epa.gov
Contractor:	EPA CO/PO:		
#Samples 4 / Matrix: Soil/Sediment	Parameter: Total Metals		Method: 200.7
#Samples 1 / Matrix: Soil/Sediment	Parameter: Mercury		Method: 245.5
#Samples 1 / Matrix: AQ	Parameter: Total Metals		Method: 200.7
#Samples 1 / Matrix: AQ	Parameter: SVOC		Method: 8270D
#Samples 1 / Matrix: AQ	Parameter: DRO		Method: 8015D
Ship Date From: 5/28/2013	Ship Date To: 5/29/2013	Org. Validation Level	Inorg. Validation Level

Unvalidated Data Requested: ☒ No ☐ Yes If Yes, TAT Needed: ☐14days ☐7days ☐72hrs ☐48hrs ☐24hrs ☐Other (Specify)

Validated Data Package Due: ☒42 days ☐30 days ☐ 21days ☐14 days ☐Other (Specify)

Electronic Data Deliverables Required: ☒No ☐Yes (EDDs will be provided in Region 3 EDD Format)

Special Instructions: We may be collecting samples of some waste liquids in a sump/pond. We would probably be looking for analysis for metals and organics (not sure if it will be TCLP). As far as the other samples, we will be using an XRF in the field and an AHURA first defender instrument to better define what we might sample and hopefully to minimize the numbers of samples. We plan to conduct this inspection next week on Tuesday, May 28, 2013 and what samples we collect will either be delivered to the lab that day or the next day.

Reporting Limits

Metals		
Analyte(s)	Aqueous	Solids
Aluminum	200 ug/L	20 ug/g
Antimony	60 ug/L	6 ug/g
Arsenic	200 ug/L	20 ug/g
Barium	200 ug/L	20 ug/g
Beryllium	5 ug/L	0.5 ug/g
Boron	50 ug/L	5 ug/g
Cadmium	5 ug/L	0.5 ug/g
Calcium	500 ug/L	50 ug/g
Chromium	10 ug/L	1 ug/g
Cobalt	50 ug/L	5 ug/g
Copper	25 ug/L	2.5 ug/g
Iron	100 ug/L	10 ug/g
Lead	50 ug/L	5 ug/g
Magnesium	500 ug/L	50 ug/g
Manganese	15 ug/L	1.5 ug/g
Nickel	40 ug/L	4 ug/g
Potassium	2000 ug/L	200 ug/g
Selenium	200 ug/L	20 ug/g
Silver	10 ug/L	1 ug/g
Sodium	1000 ug/L	100 ug/g
Thallium	200 ug/L	20 ug/g
Tin	200 ug/L	20 ug/g
Titanium	200 ug/L	20 ug/g
Vanadium	50 ug/L	5 ug/g
Zinc	20 ug/L	2 ug/g

Mercury	0.1 ug/g

DRO	100ug/L

SVOCs	
Analyte(s)	Aqueous
1,1-Biphenyl [Γ]	5 ug/L
1,2,4,5-Tetrachlorobenzene [Γ]	5 ug/L
2,3,4,6-Tetrachlorophenol [Γ]	5 ug/L
2,4,5-Trichlorophenol [Γ]	5 ug/L
2,4,6-Trichlorophenol	5 ug/L
2,4-Dichlorophenol	5 ug/L
2,4-Dimethylphenol [Γ]	5 ug/L
2,4-Dinitrophenol	5 ug/L
2,4-Dinitrotoluene	5 ug/L
2,6-Dinitrotoluene	5 ug/L
2-Chloronaphthalene	5 ug/L
2-Chlorophenol	5 ug/L
2-Methylnaphthalene [Γ]	5 ug/L
2-Methylphenol [Γ]	5 ug/L
2-Nitroaniline [Γ]	5 ug/L
2-Nitrophenol	5 ug/L
3,3´-Dichlorobenzidine	5 ug/L
3-Methylphenol [Σ]	NA
3-Nitroaniline [Γ]	5 ug/L
4,6-Dinitro-2-methylphenol	10 ug/L
4-Bromophenyl phenyl ether	5 ug/L
4-Chloro-3-methylphenol	5 ug/L
4-Chloroaniline [Γ]	5 ug/L
4-Chlorophenyl phenyl ether	5 ug/L
4-Methylphenol [Γ, Σ]	5 ug/L
4-Nitroaniline [Γ]	5 ug/L
4-Nitrophenol	10 ug/L
Acenaphthene	5 ug/L
Acenaphthylene	5 ug/L
Acetophenone [Γ]	5 ug/L
Anthracene	5 ug/L
Atrazine [Γ]	5 ug/L
Benzaldehyde [Γ]	5 ug/L
Benzo(a)anthracene	5 ug/L
Benzo(a)pyrene	5 ug/L

SVOCs (cont.)	
Analyte(s)	Aqueous
Benzo(b)fluoranthene	5 ug/L
Benzo(ghi)perylene	5 ug/L
Benzo(k)fluoranthene	5 ug/L
Bis(2-chloroethoxy)methane	5 ug/L
Bis(2-chloroethyl)ether	5 ug/L
Bis(2-chloroisopropyl)ether	5 ug/L
Bis(2-ethylhexyl)phthalate	5 ug/L
Butyl benzyl phthalate	5 ug/L
Caprolactam [Γ]	5 ug/L
Carbazole [Γ]	5 ug/L
Chrysene	5 ug/L
Dibenz(a,h)anthracene	5 ug/L
Dibenzofuran [Γ]	5 ug/L
Diethyl phthalate	5 ug/L
Dimethyl phthalate	5 ug/L
Di-n-butyl phthalate	5 ug/L
Di-n-octyl phthalate	5 ug/L
Fluoranthene	5 ug/L
Fluorene	5 ug/L
Hexachlorobenzene	5 ug/L
Hexachlorobutadiene	5 ug/L
Hexachlorocyclopentadiene	5 ug/L
Hexachloroethane	5 ug/L
Indeno(1,2,3-cd)pyrene	5 ug/L
Isophorone	5 ug/L
Naphthalene	5 ug/L
Nitrobenzene	5 ug/L
N-Nitrosodimethylamine	5 ug/L
N-Nitroso-di-n-propylamine	5 ug/L
N-Nitrosodiphenylamine	5 ug/L
Pentachlorophenol	5 ug/L
Phenanthrene	5 ug/L
Phenol	5 ug/L
Pyrene	5 ug/L
Pyridine [Γ]	NA

[Γ] Not an EPA 625 compound
[Σ] These compounds either coelute or cannot be separated during the analysis