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# SEPARATION SCIENCE, INC.



## CERTIFICATE OF ANALYSIS

No: 19052018

Hillis Carnes Engineering Associates, Annapolis Junction, MD

May 23, 2019

Project Name: Slag Processing Area

Project Location: TPA

Project ID: 18019A

**Sample ID: SP-3-A**      **Date/Time Sampled: 05/20/2019 15:00**      **PSS Sample ID: 19052018-008**  
**Matrix: SOIL**      **Date/Time Received: 05/20/2019 17:15**      **% Solids SM2540G-11: 83**

TCL Semivolatile Organic Compounds

Analytical Method: SW-846 8270 C

Preparation Method: SW3550C

Qualifier(s): See Batch 164534 on Case Narrative.

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	ND	ug/kg	2,000		100	05/21/19	05/21/19 19:21	1014
Hexachlorobenzene	ND	ug/kg	20,000		100	05/21/19	05/21/19 19:21	1014
Hexachlorobutadiene	ND	ug/kg	20,000		100	05/21/19	05/21/19 19:21	1014
Hexachlorocyclopentadiene	ND	ug/kg	20,000		100	05/21/19	05/21/19 19:21	1014
Hexachloroethane	ND	ug/kg	20,000		100	05/21/19	05/21/19 19:21	1014
Indeno(1,2,3-c,d)Pyrene	ND	ug/kg	2,000		100	05/21/19	05/21/19 19:21	1014
Isophorone	ND	ug/kg	20,000		100	05/21/19	05/21/19 19:21	1014
2-Methylnaphthalene	ND	ug/kg	2,000		100	05/21/19	05/21/19 19:21	1014
2-Methyl phenol	ND	ug/kg	20,000		100	05/21/19	05/21/19 19:21	1014
3&4-Methylphenol	ND	ug/kg	20,000		100	05/21/19	05/21/19 19:21	1014
Naphthalene	<b>5,800</b>	ug/kg	2,000		100	05/21/19	05/21/19 19:21	1014
2-Nitroaniline	ND	ug/kg	20,000		100	05/21/19	05/21/19 19:21	1014
3-Nitroaniline	ND	ug/kg	20,000		100	05/21/19	05/21/19 19:21	1014
4-Nitroaniline	ND	ug/kg	20,000		100	05/21/19	05/21/19 19:21	1014
Nitrobenzene	ND	ug/kg	20,000		100	05/21/19	05/21/19 19:21	1014
2-Nitrophenol	ND	ug/kg	20,000		100	05/21/19	05/21/19 19:21	1014
4-Nitrophenol	ND	ug/kg	20,000		100	05/21/19	05/21/19 19:21	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	20,000		100	05/21/19	05/21/19 19:21	1014
N-Nitrosodiphenylamine	ND	ug/kg	20,000		100	05/21/19	05/21/19 19:21	1014
Di-n-octyl phthalate	ND	ug/kg	20,000		100	05/21/19	05/21/19 19:21	1014
Pentachlorophenol	ND	ug/kg	20,000		100	05/21/19	05/21/19 19:21	1014
Phenanthrene	ND	ug/kg	2,000		100	05/21/19	05/21/19 19:21	1014

