



**Material Profile Form
Passyunk Wash Plant**

Passyunk Wash Plant acceptance criteria pursuant to PADEP Soil Waste Processing Facility Permit #301391. Criteria subject to change in accordance with PADEP requirements.

A. Waste Generator		Donor Site Information	
1	Generator Name:	8	Donor Site Name:
2	Generator Address:	9	Donor Site Address:
3	Generator City/St/Zip:	10	Donor Site City/St/Zip:
4	Generator Phone:	11	Donor Site County:
5	Generator Contact:	12	Donor Site Phone:
6	Generator Email:	13	Donor Site Contact:
7	Generator Notes:	14	Donor Site Email:

Billing Contact Information		Same as Generator?	
15	Customer Name:	18	Customer Phone:
16	Customer Address:	19	Customer Contact:
17	Customer City/St/Zip:	20	Customer Email:
Generator Authorization Form required if the Customer and Generator are not the same			
21	Estimated Volume:	Tons or Cubic Yards:	
22	Estimated Start Date:		
23	Duration of Project:	One- Time	Recurring

B. Property History			
1	Current use:		
2	Former use:		
3	AOC specific soil source (if applicable):		
4	Is the property enrolled in state or Federal cleanup program (i.e. NJ SRP, PADEP Act 2, MDE VCP)?	If Yes, provide program name and ID:	
5	Is the site a State or Federal Superfund Site?	If Yes, provide program name and ID:	
6	Are PFAS-related compounds considered a potential contaminant of concern for the donor site?	Yes	No
	If yes, have they been analyzed? (attach lab report)	Yes	No

C. Waste Stream Information: Clean Fill		
1	Does the material qualify as PA Clean Fill pursuant to PADEP Management of Fill Policy Document No.: 258-2182-773	Yes No
If No, proceed to Section D.		
2	Has the material been treated or blended to achieve clean certification?	Yes No
3	Was the material sampled?	Yes No
If No, provide justification (attach due diligence documentation):		
4	Number of clean fill samples analyzed:	
5	Analytical parameters include TCL/TAL for all samples?	Yes No
If No, explain:		
6	Do the lab results meet PA clean fill requirements?	Yes No
If Yes, proceed to Section F.		
If No, proceed to Section D.		
<i>Clean Fill Sample Frequency: first 125 cy require 2 composite/grab samples. Sources with up to 3,000 cy require 3 composite/grabs Each additional 1,000 cy requires 1 composite and grab Out-of-State Sampling: Four (4) discrete grabs can be substituted for one composite sample.</i>		
All soils failing to meet PA Clean Fill criteria require Form U and PADEP approval.		

D. Waste Stream Information: Regulated Fill (RF)		
1	Do any samples fail the RFCL?	Yes No
If Yes, proceed to Section E for Residual Waste. Otherwise continue.		
2	What, if any, compounds are above TCLP Trigger Values? (See Table of compounds at the end of the profile)	
If any compounds are missing, total or TCLP analysis is required for the missing compounds.		
	Sample ID	Compound
		Reported Level (mg/kg)
3	Were RCRA Characteristics analyzed?	Yes No
If No, RCRA characteristics (ignitability, corrosivity, reactive sulfide, and reactive cyanide) are required at all applicable sample frequency.		
4	Do all regulated fill samples pass the hazardous waste classification?	Yes No
<i>Regulated Fill Sample Frequency: first 125 cy require 2 composite/grab samples. Sources with up to 3,000 cy require 3 composite/grabs Each additional 1,000 cy requires 1 composite and grab Out-of-State Sampling: Four (4) discrete grabs can be substituted for one composite sample.</i>		



E. Waste Stream Information: Residual Waste (RW)			
1	Number of waste characterization samples analyzed:	# of samples	
2	Do the waste characterization parameters analyzed meet definition of non-hazardous?	Yes	No
	If Yes, continue.		
	If No for any parameters, list here:		
	<i>Sample ID</i>	<i>Parameter</i>	
3	Were total PCBs analyzed?	Yes	No
4	What was the highest reported concentration?		
5	List the pH range: to		
6	Is the waste represented in this profile generated as a result of corrective action taken under RCRA underground storage tank regulations (40 CFR Part 280)?	Yes	No
7	Is the waste a dioxin bearing waste?	Yes	No
8	Is the waste a treatment by-product or residue from a previously listed or characteristic hazardous waste?	Yes	No
9	Is the material known or suspected to be naturally occurring radio nuclide material (NORM); any other radiological characteristics resulting in the material having radioactivity above any background level or which could pose a health of environmental concern under any circumstance; and/or which could cause the materials to be regulated in any manner for a radioactive characteristic by any state or Federal agency?	Yes	No
	If Yes, describe (attach additional documentation if necessary):		
10	Is the material regulated pursuant to the Atomic Energy Act or any regulations for radioactive materials administered by the Nuclear Regulatory Commission (NRC) or other agencies, and/or classified as technologically enhanced naturally occurring radionuclide material (TENORM)?	Yes	No
	If Yes, describe (attach additional documentation if necessary):		
	<i>Required Residual Waste (RW) Sample Frequency: 1 composite and grab = 500 cy (750 tons) Out-of-State Sampling: Four (4) discrete grabs can be substituted for one composite sample.</i>		



F. Physical Appearance		
1	Color:	Staining? Odor?

G. Documentation Review		
1	Lab report included?	Yes No
2	Lab Name:	
3	Lab Cert ID:	
4	Sample location diagram included?	Yes No
5	Summary table(s) of results included?	Yes No

H. Composition of Soil Matrix		
1	Gradation and/or Proctor test results available?	Yes No
	If yes:	
	Silt	Clay Sand Gravel
	<i>Should equal 100%</i>	
2	Is there any construction or demolition waste present that may be over 5% of a single load and/or debris measuring greater than 2' x 2' x 2"?	Yes No

I. Application Certification	
	I hereby certify that the information provided herein as well as additional documents I have provided as evidence to the above information are true and accurate. I also understand that the facility and the PADEP reserve the right to investigate any, and all information provided for this material. While conducting an investigation, it may be necessary to contact the parties responsible for providing this information including, but not limited to, the Generator, Environmental Engineer, Site Contractor, or Environmental Laboratory to verify the accuracy of the information provided.

Name

Signature

Company

Date

Table of Compounds with TCLP Trigger Values for Regulated Fill and Residual Waste Soils

CAS RN	Compound	Hazardous Limit (mg/L)	TCLP Trigger (mg/kg)
75-35-4	1,1-Dichloroethylene	0.7	0.19
107-06-2	1,2-Dichloroethane	0.5	0.1
95-95-4	2,4,5-Trichlorophenol	400	2100
88-06-2	2,4,6-Trichlorophenol	2	10
94-75-7	2,4-D	10	1.8
121-14-2	2,4-Dinitrotoluene	0.13	0.05
7440-38-2	Arsenic	5	29
7440-39-3	Barium	100	2000
71-43-2	Benzene	0.5	0.13
7440-43-9	Cadmium	1	20
56-23-5	Carbon tetrachloride	0.5	0.26
57-74-9	Chlordane	0.03	0.6
108-90-7	Chlorobenzene	100	6.1
67-66-3	Chloroform	6	2
7440-47-3	Chromium	5	100
72-20-8	Endrin	0.02	0.4
76-44-8	Heptachlor	0.008	0.16
118-74-1	Hexachlorobenzene	0.13	0.96
87-68-3	Hexachlorobutadiene	0.5	10
67-72-1	Hexachloroethane	3	0.56
7439-92-1	Lead	5	100
58-89-9	Lindane	0.4	0.072
108-39-4	m-Cresol	200	34
7439-97-6	Mercury	0.2	4
72-43-5	Methoxychlor	10	200
78-93-3	Methyl ethyl ketone	200	76
98-95-3	Nitrobenzene	2	0.052
95-48-7	o-Cresol	200	28
106-44-5	p-Cresol	200	4
106-46-7	p-Dichlorobenzene	7.5	10
87-86-5	Pentachlorophenol	100	5
110-86-1	Pyridine	5	0.39
7782-49-2	Selenium	1	20
7440-22-4	Silver	5	84
93-72-1	Silvex	1	20
127-18-4	Tetrachloroethylene	0.7	0.43
8001-35-2	Toxaphene	0.5	1.2
79-01-6	Trichloroethylene	0.5	0.17
75-01-4	Vinyl chloride	0.2	0.027