



DuPont
Washington Works
P. O. Box 1217
Parkersburg, WV 26102-1217

7001 2510 0008 2331 8355

May 21, 2003

AR226-1672

CERTIFIED MAIL -
RETURN RECEIPT REQUEST

Mr. Ken Westfall
USA Waste of West Virginia
Northwestern Disposal Landfill
Route 9, Box 377
Parkersburg, WV 26101

RE: Solid Waste Profile and Analysis for Railroad Soil with PAH Contamination

Dear Mr. Westfall:

Please find enclosed a completed WV Division of Environmental Protection Solid Waste Profile for railroad soil with PAH contamination that we would like to send to your facility for disposal. Attachment A lists the results of the analysis performed on the railroad soil. Attachment B is the information requested in Item E.

We would anticipate disposing of up to 9000 tons annually of the non-hazardous soil generated as a result of a rail bed upgrade. The material will be generated during the summer construction season.

Please note that the analysis for APFO is preliminary and has no QA/QC. Revised pages will be sent, if necessary.

If you have any questions or need additional information, please contact me at (304) 863-4271.

Very truly yours,

R. L. Ritchey
Senior Environmental Control Consultant
Washington Works

Attachments

RLR:aac/vlw

Solid Waste Profile

Solid Waste Permitting Unit
 Division of Water and Waste Management; W. Va. Department of Environmental Protection
 1356 Hansford St.; Charleston, WV 25301-1401 (304) 558-6350

Submit the completed form to the landfill that will accept the waste.

A Solid Waste Profile must be submitted with all requests to dispose of special waste.

Do not leave any blanks! Enter N/A if an item is not applicable to your situation.

A. General Information

Generator: DuPont Washington Works

Contact Person: Robert L. Ritchey

Telephone: 304-863-4271

Address: 8480 DuPont Road

P.O. Box 1217
Parkersburg, WV 26102-1217

City, State, Zip: Washington, WV 26181

Contractor: Undetermined

Contact Person: _____

Telephone: _____

Address: _____

City, State, Zip: _____

Transporter: Undetermined

Contact Person: _____

Telephone: _____

Address: _____

City, State, Zip: _____

Laboratory: Kemron Environmental Services

Contact Person: David L. Bumgarner

Telephone: 740-373-4071

Address: 109 Starlite Park

City, State, Zip: Marietta, OH 45750

B. Waste Information

Type of waste (33 CSR 1.4.13) (circle all that apply, if any):

Petroleum-
contaminated soil

Asbestos Wastes

Liquids

Tires

Drums

Bulky Goods

Infectious Waste

Sewage Sludge

Automobile
Shredder Fluff

Municipal
Incinerator Ash

Anticipated weight as delivered to landfill (tons): 9000 How often? Annual for 3 years

Detailed description of the waste and the process that generated it (attach additional sheets if necessary): _____

The soil will be removed from existing railbed as part of a rail upgrade project.

The waste may include slag, small pieces of railroad ties, and occasional metal objects.

Solid Waste Profile

Waste & Process, continued: Analysis indicates presence of PAH compounds and APFO.

Waste generation will begin in early June 2003.

C. Physical Characteristics

Physical state at 70°F and 1 atmosphere (circle one): solid paste slush slurry liquid gas

Percent solids by weight if less than 50%: _____ How determined? _____

Color: gray/brown/black Odor (describe): slight musty

Flash point, °F: N/A pH: N/A If reactive, explain: No

D. Potentially Hazardous Characteristics

According to 40 CFR 261: Is this a listed hazardous waste? No A characteristic HW? No

PCB content, mg/kg: No Dioxins content, mg/kg: No

Is this waste: Radioactive? No Untreated medical? No Treated medical? No

Is this waste subject to the Land Disposal Restrictions of 40 CFR 268? No

E. Sample Locations: Have you attached a photograph or sketch of the site at the time of sampling with sample locations marked? See Attachment A: Sample results, Attachment B.

F. Generator Certification

A representative sample of the waste stream was obtained using an EPA approved method and corresponds to the information of this profile.

I hereby certify that the above answers and attached descriptions are complete and accurate, and that no deliberate or willful omissions of compositions or properties exist, and that all known or suspected hazards have been disclosed.

Generator's authorized representative:

Printed name: Robert L. Ritchey Title: Senior Environmental Control Consultant

Signature: Robert L. Ritchey Date: 5/21/03

ATTACHMENT A

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Lot #: D3C290180 B.I. Dupont De Nemours and Co WWO Date Reported: 4/22/03 PAGE 1

Project Number: RR SOIL SAMP

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: WWK-S-RR-1(0.5-1.0)

Sample #: 001 Date Sampled: 03/28/03 12:30 Date Received: 03/29/03 Matrix: SOLID

8321A, PFOA				Reviewed
Ammonium	3.2	2.1	ug/kg	DEN -LC-0012
Perfluorooctanoate (APFO)				

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis				Reviewed
Percent Moisture	2.9	0.10	%	MCANW 160.3 MOD

Client Sample ID: WWK-S-RR-2(0.5-1.0)

Sample #: 002 Date Sampled: 03/28/03 12:45 Date Received: 03/29/03 Matrix: SOLID

8321A, PFOA				Reviewed
Ammonium	21	2.1	ug/kg	DEN -LC-0012
Perfluorooctanoate (APFO)				

Results and reporting limits have been adjusted for dry weight.

8321A, PFOA				Reviewed
Ammonium	12	2.1	ug/kg	DEN -LC-0012
Perfluorooctanoate (APFO)				

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis				Reviewed
Percent Moisture	6.5	0.10	%	MCANW 160.3 MOD

Client Sample ID: WWK-S-RR-3(0.5-1.0)

Sample #: 003 Date Sampled: 03/28/03 13:50 Date Received: 03/29/03 Matrix: SOLID

8321A, PFOA				Reviewed
Ammonium	3.4	2.2	ug/kg	DEN -LC-0012
Perfluorooctanoate (APFO)				

Results and reporting limits have been adjusted for dry weight.

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SEVERN TRENT LABORATORIES, INC.
PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Lot #: D3C290180 E.I. Dupont De Nemours and Co PAGE 2
WFO Date Reported: 4/22/03
Project Number: RR SOIL SAMP

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: WWK-S-RR-3(0.5-1.0)

Sample #: 003 Date Sampled: 03/28/03 13:50 Date Received: 03/29/03 Matrix: SOLID

Inorganic Analysis				Reviewed
Percent Moisture	8.1	0.10	%	MCAWW 160.3 MOD

Client Sample ID: WWK-S-RR-4(0.5-1.0)

Sample #: 004 Date Sampled: 03/28/03 14:00 Date Received: 03/29/03 Matrix: SOLID

8321A, PFOA				Reviewed
Ammonium	1.1 J	2.1	ug/kg	DEN -LC-0012
Perfluorooctanoate (APFO)				

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Inorganic Analysis				Reviewed
Percent Moisture	6.3	0.10	%	MCAWW 160.3 MOD

Client Sample ID: WWK-S-RR-5(0.5-1.0)

Sample #: 005 Date Sampled: 03/28/03 14:25 Date Received: 03/29/03 Matrix: SOLID

8321A, PFOA				Reviewed
Ammonium	1.9 J	2.1	ug/kg	DEN -LC-0012
Perfluorooctanoate (APFO)				

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Inorganic Analysis				Reviewed
Percent Moisture	5.0	0.10	%	MCAWW 160.3 MOD

Client Sample ID: WWK-S-RR-6(0.5-1.0)

Sample #: 006 Date Sampled: 03/28/03 13:05 Date Received: 03/29/03 Matrix: SOLID

8321A, PFOA				Reviewed
Ammonium	7.3	2.2	ug/kg	DEN -LC-0012
Perfluorooctanoate (APFO)				

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PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Lot #: D3C290180 E.I. Dupont De Nemours and Co WWO Date Reported: 4/22/03 PAGE 3

Project Number: RR SOIL SAMP

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: WWK-S-RR-6(0.5-1.0)

Sample #: 006 Date Sampled: 03/28/03 13:05 Date Received: 03/29/03 Matrix: SOLID

8321A, PFOA

Reviewed

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis

Reviewed

Percent Moisture	10	0.10	%	MCAWW 160.3 MOD
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Client Sample ID: WWK-S-RR-7(0.5-1.0)

Sample #: 007 Date Sampled: 03/28/03 11:30 Date Received: 03/29/03 Matrix: SOLID

8321A, PFOA

Reviewed

Ammonium	5.8	2.1	ug/kg	DEW -LC-0012
Perfluorooctanoate (APFO)				

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis

Reviewed

Percent Moisture	4.8	0.10	%	MCAWW 160.3 MOD
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Client Sample ID: WWK-S-RR-8(0.5-1.0)

Sample #: 008 Date Sampled: 03/28/03 10:50 Date Received: 03/29/03 Matrix: SOLID

8321A, PFOA

Reviewed

Ammonium	3.9	2.4	ug/kg	DEW -LC-0012
Perfluorooctanoate (APFO)				

Results and reporting limits have been adjusted for dry weight.

Inorganic Analysis

Reviewed

Percent Moisture	15	0.10	%	MCAWW 160.3 MOD
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PRELIMINARY DATA SUMMARY

Lot #:	D3C290180	E.I. Dupont De Nemours and Co WFO	Date Reported:	4/22/03	PAGE 4
		Project Number: RR SOIL SAMP			

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Client Sample ID: WWK-K-EQBLK-1				
Sample #: 009 Date Sampled: 03/28/03 14:10 Date Received: 03/29/03 Matrix: WATER				
8321A, PFOA				Reviewed
Ammonium	ND	0.050	ug/L	DEN -LC-0012
Perfluorooctanoate (APFO)				
8321A, PFOA				Reviewed
Ammonium	ND	0.084	ug/L	DEN -LC-0012
Perfluorooctanoate (APFO)				

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