

**NFRAP review checklist**

Federal Site ID	KYD980559520; Black Leaf Chemical	
Agency Interest ID	52202	
Site Address	1340 South 17th Street	
City	Louisville, KY 40210	
County	Jefferson	

	Lat	Long
GPS location (decimal degrees)	38° 13' 58.68"	85° 46' 57"

original date of PA or SI	PA-June 1987
reason for original PA or SI (include constituents of concern)	The PA does not clearly state why it was done, however, EPA Region IV received a "Notification of Hazardous Waste Site" form in 1981 indicating that waste was handled at the site from 1955-1970. The waste type was identified as pesticides. It is assumed that the PA resulted from the potential of this site to contain contaminants.

	yes	no	comments
Have targets changed?	X		1990 Census data (Landview 5 program) show a substantial decrease in the population estimates from the 1987 PA. It should be noted that 95% of the residents living within 1/4 miles radius of the site are minorities; in the 1/2 mile range, 90.5% are minorities; in the 1 mile range, 91.2% are minorities.

Have constituent levels changed?		X	There are no sample results in the file or any other indication that samples were ever collected at this site. No hazardous conditions were noted during the PA site visit in June 1987.
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Were all appropriate pathways evaluated?		X	The PA does not give detailed information on pathways. For groundwater, it only states that groundwater is not used as a source of drinking water. For air, no information is given. For soil, the PA only states that soils have not been classified due to the fact that the site is in an inner city area. For surface water, the PA says contaminants would run into storm drains or city sewers and eventually discharge to the River.
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Has new data become available?		X	No new data has become available, however, leaking drums were observed during a site visit on 5-1-09. A State-lead removal of the drums has taken place. Information relating to the exact types of waste disposed of is not yet available, but hazardous waste (D001 & D002) was encountered. No sample results from this site are on file.
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Additional assessment warranted?	X		A site visit was conducted by DWM staff on May 1, 2009. During that visit, the facility was found to be abandoned. Several drums containing unknown waste materials were identified on site. Several drums were observed to have leaked (or are leaking). A large black stain was observed on the ground in another area. The chain link fence surrounding the site has been breached in at least two locations that back up to a residential area. We were able to drive in the front gate with a Ford F-250 pick-up truck. Two transients were found living in Building 19 on the day of our inspection. Access is clearly not controlled and there is clear evidence that people have been entering the site for non-business related purposes. A re-assessment may be warranted, however, a decision will be made during the 2010-2011 PA/SI grant cycle.
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Discuss recommended next course of Action

KDWM recommends taking a few samples at the site to determine the presence or absence of insecticides/pesticides, which are the potential contaminants of concern according to the last PA. The site does not have acceptable access control, is located adjacent to a residential area on two sides, and has visible soil contamination from leaking drums at the site and from past spills. Those past spills will be addressed by the State Section, Superfund Branch in activities separate from this NFRAP review. If samples show the presence of insecticides/pesticides, a PA reassessment will likely be performed as part of the 2010-2011 grant cycle.

Prepared By: Cheryl Brown Harris

# Former Black Leaf Chemical AI 52202

Photos by Cheryl Brown Harris  
and Scott Gerstner

5-1-09









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SMALL TABLETS

METHYL  
ETHYL  
KETONE





PARTIAL NAME  
PART NUMBER  
MANUFACTURER  
DATE RECEIVED  
EXPIRY DATE  
MFG. ID. NUMBER  
INSPECTION

# XYLENE

WARNING! FLAMMABLE. VAPOR MAY BE HARMFUL. LIQUID CAUSES EYE IRRITATION. LIQUID MAY CAUSE SKIN IRRITATION.

Keep away from heat, open flames, sparks, and other sources of ignition. Do not use near fire or other sources of heat. Do not use in confined spaces. Do not use in areas where smoking is prohibited. Do not use in areas where food or drink is consumed. Do not use in areas where children are present. Do not use in areas where pets are present. Do not use in areas where electrical equipment is present. Do not use in areas where flammable materials are present. Do not use in areas where explosive materials are present. Do not use in areas where oxidizing materials are present. Do not use in areas where toxic materials are present. Do not use in areas where radioactive materials are present. Do not use in areas where corrosive materials are present. Do not use in areas where irritant materials are present. Do not use in areas where sensitizing materials are present. Do not use in areas where carcinogenic materials are present. Do not use in areas where mutagenic materials are present. Do not use in areas where teratogenic materials are present. Do not use in areas where reproductive toxic materials are present. Do not use in areas where developmental toxic materials are present. Do not use in areas where immunotoxic materials are present. Do not use in areas where neurotoxic materials are present. Do not use in areas where hepatotoxic materials are present. Do not use in areas where nephrotoxic materials are present. Do not use in areas where cardiotoxic materials are present. Do not use in areas where hematotoxic materials are present. Do not use in areas where bone marrow toxic materials are present. Do not use in areas where reproductive toxic materials are present. Do not use in areas where developmental toxic materials are present. Do not use in areas where immunotoxic materials are present. Do not use in areas where neurotoxic materials are present. Do not use in areas where hepatotoxic materials are present. Do not use in areas where nephrotoxic materials are present. Do not use in areas where cardiotoxic materials are present. Do not use in areas where hematotoxic materials are present. Do not use in areas where bone marrow toxic materials are present.

**SUPERIOR**  
Solvents and chemicals

FOR INFORMATION  
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**ENTRANCE OPEN NT  
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AND VERIZON**







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PARK  
DIVERSIFIED  
RESOURCES INC.  
FOUNDRY  
PROFESSIONALS  
DERBY CITY  
WAREHOUSING









THURSDAY  
01-26-06

THURSDAY





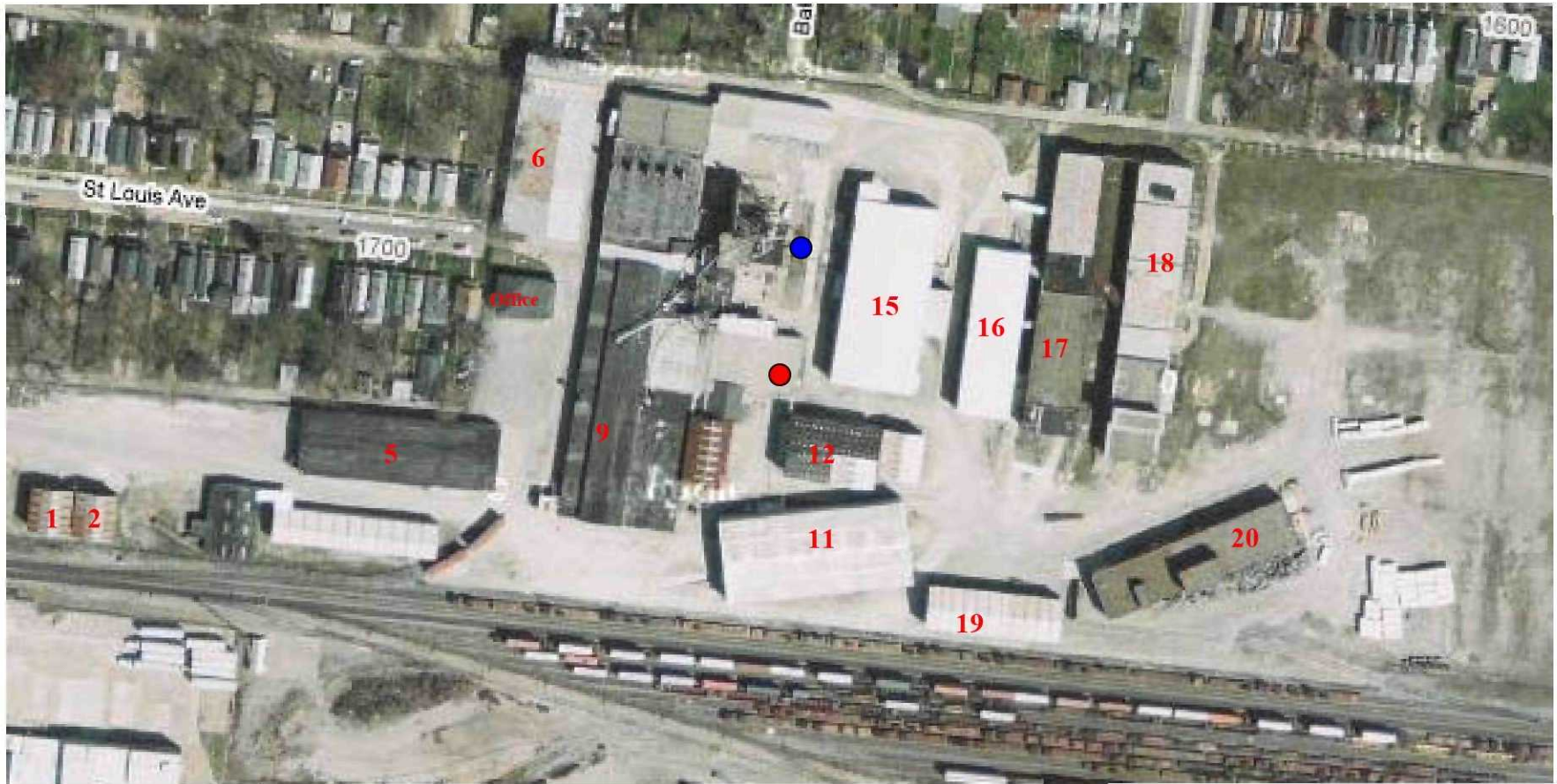
**THREE (3) SEEDS**  
*Medicaid / Medicare*  
*Transportation*  
**502-772-3027**





OFFICE





Former Black Leaf Chemical  
1340 S. 17<sup>th</sup> St. Louisville, KY 40210

- Approximate location of leaking drums
- Approximate location of oil-like, black staining on the ground



**DIVISION OF WASTE MANAGEMENT  
RECORD OF COMMUNICATION**

<b>TO:</b> File--Black Leaf Chemical		<b>FROM:</b> Cheryl Brown Harris	
<b>SUBJECT:</b> Drum Removal Summary		<b>ID NO:</b> AI 52202	
<b>COUNTY:</b>	<b>DATE:</b>	<b>TIME:</b>	
<input type="checkbox"/> PHONE CALL <input type="checkbox"/> DISCUSSION <input type="checkbox"/> ON-SITE <input type="checkbox"/> ON-CALL <input type="checkbox"/> CONFERENCE			
<input checked="" type="checkbox"/> OTHER <u>MANIFEST REVIEW</u>			

**SUMMARY OF COMMUNICATION:**

The Division of Waste Management contracted with Pettit Environmental to perform a drum removal at the Louisville Industrial Park, LLC, (former Black Leaf Chemical) property in May and June 2009. A total of ninety (90) containers of waste were removed and were shipped off-site on 6-17-09.

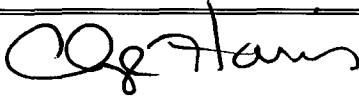
Seven (7) containers of hazardous waste (D001—Ignitable waste) totaling 145 gallons were removed from the property for treatment/disposal and transported to Veolia ES Technical Solutions' facility in Menomonee Falls, Wisconsin. This waste included waste paint related material (including xylene and toluene); methyl ethyl ketone (MEK); and waste aerosols. Manifest # 004989554 and associated Land Disposal Restriction forms are attached, however, it should be noted that we have not yet received the TSD copy of the manifest.

Eighty-three (83) containers of non-hazardous waste totaling 4,730 gallons were removed from the property for treatment/disposal and transported to Pettit Environmental, Inc.'s facility in Louisville, Kentucky. These wastes included non-regulated paint waste, non-regulated oil and water, and non-regulated roofing tar. The Non-Hazardous waste manifest is attached.

A breakdown of the exact amounts of each waste is as follows:

Hazardous paint-related material: 75 gallons  
Hazardous Flammable waste material (MEK): 55 gallons  
Hazardous Waste Aerosols: 15 gallons

Non-Hazardous Paint Waste: 2,585 gallons  
Non-Hazardous Oil & Water: 1,375 gallons  
Non-Hazardous Roofing Tar: 770 gallons

<b>PREPARED BY:</b> 	<b>DATE:</b> 8-13-09
<b>REVIEWED BY:</b>	<b>DATE:</b>



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number KYD066055362	2. Page 1 of 6	3. Emergency Response Phone 200-264-6482	4. Manifest Tracking Number <b>004989554 JJK</b>		
		5. Generator's Name and Mailing Address Division of Waste Management 200 Fair Oaks Rd Frankfort, KY 40601 USA		Generator's Site Address (if different than mailing address) DWM/Black Leaf Chemical			
6. Transporter 1 Company Name Parr Environmental, Inc		U.S. EPA ID Number KYD951065353		Generator's Phone:			
7. Transporter 2 Company Name		U.S. EPA ID Number		8. Designated Facility Name and Site Address Verba ES Technical Solutions W 124 BEAST Boundary Rd Menomonee Falls, WI 53051 USA			
Facility's Phone: 262-255-0695		U.S. EPA ID Number WID0003267148					
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. PG, Waste Paint Related Material, 3, UN1203; PG II (Contains Xylene & Toluene)	5	DM	75	G	D001	
X	2. PG, Waste Flammable Liquid, n.o.s., (Contains Methyl Ethyl Ketone); 3, UN1993, PGII	1	DM	55	G	D001	
X	3. PG, Waste Aerosols, 2.1; UN1950; PG II	1	DM	15	P	D001	
	4.						
14. Special Handling Instructions and Additional Information Line 9b #2 2006 ERG # 126 - Disposal Code: CWD Paint Care Job Number: 09-242 Line 9b #3 2006 ERG # 126 - Disposal Code: CWD Fuels Line 9b #3 2006 ERG # 126 - Disposal Code: CWD Aerosols							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name <i>M. Wise</i>				Signature <i>M. Wise</i>		Month Day Year <i>06/17/09</i>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <i>Rich. ...</i>				Signature <i>R. ...</i>		Month Day Year <i>06/17/09</i>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____							
Facility's Phone: _____						18c. Signature of Alternate Facility (or Generator)	
						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. _____		2. _____		3. _____		4. _____	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name				Signature		Month Day Year	



LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM PHASE IV

Generator Name: DWM- Black Leaf Chemical EPA ID # KYD098055952

Manifest No. 004989554 - LINE 1

1. If waste is a wastewater (see 40 CFR 268.2) place "w" next to the applicable code(s)

Profile # CWD-PAINT CANS

2. CODES WITH SUBCATEGORIES (place appropriate letter from section 8 before each code that applies) (See 40 CFR 268 for details)

- D001 Hi-TOC
- D001 Except Hi-TOC
- D003 Reactive Cyanide
- D003 Reactive Sulfide
- D003 Explosive
- D003 Water Reactives
- D003 Unexp Ord. Emg
- D003 Other Reactives
- D006 Batteries
- D008 Lead acid batteries
- D009 Organic Hg > 260ppm
- D009 Inorg. Hg > 260
- D009 Hg < 260
- F025 Light ends
- F025 Spent filter
- K006 Hydrated
- K006 Anhydrous
- K069 Calcium Sulfate
- K069 Not Calcium Sulfate
- K071 Rmerc Res.
- K071 Not Rmerc Res.
- K106 Lo Rmerc Res.
- K106 Not Rmerc Res.
- K106 > 260 ppm Hg
- P047 Salts
- P047 Nonsalts
- P065 Lo Inc. Res.
- P065 Not Inc./RMERC Res.
- P065 Hi Inc./RMERC Res.
- P092 Lo Inc. Res.
- P092 Lo RMERC Res.
- P092 Not Inc./RMERC Res.
- P092 Hi Inc./RMERC Res.
- U151 Lo RMERC Res.
- U151 Lo Not RMERC Res.
- U151 Hi Hg
- U240 2, 4 D
- U240 2, 4 esters & Salts

The subcategory for D018-D043 waste is "treated in nonCWA/nonSDWA facility" unless the following box is checked:  "treated in CWA/SDWA facility"

3. COMMON CODES (Place appropriate letter from section 8 before each code that applies)

- D002  P012  P030  P051  P098  P105  P205  F006  F007  F008  F009  F010  F011  F012  F019  F039
- D004  D005  D006  D007  D008  D009  D010  D011  D012  D013  D014  D015  D016  D017  D018  D019
- D020  D021  D022  D023  D024  D025  D026  D027  D028  D029  D030  D031  D032  D033  D034  D035
- D036  D037  D038  D039  D040  D041  D042  D043  F001  F002  F003  F004  F005  U002  U003  U006
- U007  U044  U061  U072  U080  U108  U117  U122  U123  U136  U154  U188  U213  U220  U226  U279  K061

ADDITIONAL CODES (Enter all codes not identified above which are associated with waste)

4. USEPA HAZARDOUS WASTE CODE(S)	5. TREATMENT STANDARDS FOR NON-PHASE II STATES (INDICATE THE APPLICABLE TREATMENT STANDARD 268.41, 268.43 OR SPECIFIED TECHNOLOGY BELOW)	6. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW

To identify F039, or UHCs managed in non-CWA, use the "F039/Underlying Hazardous Constituents Form" provided and check here:

If no UHCs are present upon generation check here:  Check here if disposal facility will check for all UHCs  (i.e. no UHC form required)

To list additional EPA waste code(s), use the supplemental sheet and check here:  In lieu of supplemental sheet you may use multiple copies of this form.

7. SOLVENT CONSTITUENTS (F001 - F005) Check here if disposal facility will check for all spent solvents

- Acetone
- Carbon Tetrachloride
- Cyclohexanone
- Ethyl benzene
- Methylene chloride
- 2-Nitropropane
- 1,1,1 Trichloroethane
- Trichloromonofluoromethane
- Benzene
- Chlorobenzene
- o-Dichlorobenzene
- Ethyl ether
- Methyl ethyl ketone
- Pyridine
- 1, 1, 2-Trichloroethane
- Xylenes
- n-Butyl alcohol
- O-Cresol
- 2-Ethoxyethanol
- Isobutanol
- Methyl isobutyl ketone
- Tetrachloroethylene
- 1, 1, 2-Trichloro, 1, 2, 2-trifluoroethane
- Carbon disulfide
- Cresols (m&p)
- Ethyl acetate
- Methanol
- Nitrobenzene
- Toluene
- Trichloroethylene

8. (States authorized by EPA to manage the LDR program may have regulatory citations different from the 40 CFR citations listed below. Where these regulatory citations differ, your certification will be deemed to refer to those state citations instead of the 40 CFR citations.)

A. or  RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268.40.

For Hazardous Debris: "This hazardous debris is subject to the alternative treatment standards of 40 CFR 268.45."

B.1 RESTRICTED WASTE TREATMENT TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the treatment standards specified in 40 CFR 268.40 without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 (CERTIFICATION REMOVED BY PHASE IV)

B.3 GOOD FAITH AND ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by combustion units as specified in 268.42, Table 1. I have been unable to detect the nonwastewater organic constituents, despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.4 DECHARACTERIZED WASTE REQUIRES TREATMENT FOR UNDERLYING HAZARDOUS CONSTITUENTS

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 5 above.

For hazardous debris: "This hazardous debris is subject to the alternative treatment standards of 40 CFR 268.45."

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D. I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

E. WASTE NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS

This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature mike Blanton

Title \_\_\_\_\_

Date 6/17/09



LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM PHASE IV

Generator Name: DWM- Black Leaf Chemicals EPA ID # KYD098055952

Manifest No. 004989554 - LINE 2

1. If waste is a wastewater (see 40 CFR 268.2) place "w" next to the applicable code(s)

Profile # CWD FUELS

2. CODES WITH SUBCATEGORIES (place appropriate letter from section 8 before each code that applies) (See 40 CFR 268 for details)

- A D001 Hi-TOC
D001 Except Hi-TOC
D003 Reactive Cyanide
D003 Reactive Sulfide
D003 Explosive
D003 Water Reactives
D003 Unexp Ord. Emg
D003 Other Reactives
D006 Batteries
D008 Lead acid batteries
D009 Organic Hg > 260ppm
D009 Inorg. Hg > 260
D009 Hg < 260
F025 Light ends
F025 Spent filter
K006 Hydrated
K006 Anhydrous
K069 Calcium Sulfate
K069 Not Calcium Sulfate
K071 Rmerc Res.
K071 Not Rmerc Res.
K106 Lo Rmerc Res.
K106 Not Rmerc Res.
K106 > 260 ppm Hg
P047 Salts
P047 Nonsalts
P065 Lo Inc. Res.
P065 Lo RMERC Res.
P065 Not Inc./RMERC Res.
P065 Hi Inc./RMERC Res.
P092 Lo Inc. Res.
P092 Lo RMERC Res.
P092 Not Inc./RMERC Res.
P092 Hi Inc./RMERC Res.
U151 Hi Hg
U240 2, 4 D
U240 2, 4 esters & Salts
U151 Lo RMERC Res.
U151 Lo Not RMERC Res.

The subcategory for D018-D043 waste is "treated in nonCWA/nonSDWA facility" unless the following box is checked: [ ] "treated in CWA/SDWA facility"

3. COMMON CODES (Place appropriate letter from section 8 before each code that applies)

- D002 P012 P030 P051 P098 P105 P205 F006 F007 F008 F009 F010 F011 F012 F019 F039
D004 D005 D006 D007 D008 D009 D010 D011 D012 D013 D014 D015 D016 D017 D018 D019
D020 D021 D022 D023 D024 D025 D026 D027 D028 D029 D030 D031 D032 D033 D034 D035
D036 D037 D038 D039 D040 D041 D042 D043 F001 F002 F003 F004 F005 U002 U003 U006
U007 U044 U061 U072 U080 U108 U117 U122 U123 U136 U154 U188 U213 U220 U226 U279
K061

ADDITIONAL CODES (Enter all codes not identified above which are associated with waste)

Table with 3 columns: 4. USEPA HAZARDOUS WASTE CODE(S), 5. TREATMENT STANDARDS FOR NON-PHASE II STATES, 6. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW

To identify F039, or UHCs managed in non-CWA, use the "F039/Underlying Hazardous Constituents Form" provided and check here: [ ]
If no UHCs are present upon generation check here: [ ] Check here if disposal facility will check for all UHCs [ ] (i.e. no UHC form required)
To list additional EPA waste code(s), use the supplemental sheet and check here: [ ] in lieu of supplemental sheet you may use multiple copies of this form.

7. SOLVENT CONSTITUENTS (F001 - F005) Check here if disposal facility will check for all spent solvents

- Acetone Benzene n-Butyl alcohol Carbon disulfide
Carbon Tetrachloride Chlorobenzene O-Cresol Cresols (m&p)
Cyclohexanone o-Dichlorobenzene 2-Ethoxyethanol Ethyl acetate
Ethyl benzene Ethyl ether Isobutanol Methanol
Methylene chloride Methyl ethyl ketone Methyl isobutyl ketone Nitrobenzene
2-Nitropropane Pyridine Tetrachloroethylene Toluene
1,1,1 Trichloroethane 1, 1, 2-Trichloroethane 1, 1, 2-trifluoroethane Trichloroethylene
Trichloromonofluoromethane Xylenes

8. (States authorized by EPA to manage the LDR program may have regulatory citations different from the 40 CFR citations listed below. Where these regulatory citations differ, your certification will be deemed to refer to those state citations instead of the 40 CFR citations.)

A. or [ ] RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268.40.
[ ] For Hazardous Debris: "This hazardous debris is subject to the alternative treatment standards of 40 CFR 268.45."

B.1 RESTRICTED WASTE TREATMENT TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the treatment standards specified in 40 CFR 268.40 without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 (CERTIFICATION REMOVED BY PHASE IV)

B.3 GOOD FAITH AND ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

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[ ] For hazardous debris: "This hazardous debris is subject to the alternative treatment standards of 40 CFR 268.45."

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D. I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

E. WASTE NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS

This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature Mike Blanton

Title Date 6/17/09

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM PHASE IV

Generator Name: DWM- Black Leaf Chemical EPA ID # KYD098055952

Manifest No. 004989554 - LINE 3

1. If waste is a wastewater (see 40 CFR 268.2) place "w" next to the applicable code(s)

Profile # CWD AEROSOLS

2. CODES WITH SUBCATEGORIES (place appropriate letter from section 8 before each code that applies) (See 40 CFR 268 for details)

- D001 Hi-TOC
- D001 Except Hi-TOC
- D003 Reactive Cyanide
- D003 Reactive Sulfide
- D003 Explosive
- D003 Water Reactives
- D003 Unexp Ord. Emg
- D003 Other Reactives
- D006 Batteries
- D008 Lead acid batteries
- D009 Organic Hg > 260ppm
- D009 Inorg. Hg > 260
- D009 Hg < 260
- F025 Light ends
- F025 Spent filter
- K006 Hydrated
- K006 Anhydrous
- K069 Calcium Sulfate
- K069 Not Calcium Sulfate
- K071 Rmerc Res.
- K071 Not Rmerc Res.
- K106 Lo Rmerc Res.
- K106 Not Rmerc Res.
- K106 > 260 ppm Hg
- P047 Salts
- P047 Nonsalts
- P065 Lo RMERC Res.
- P065 Not Inc./RMERC Res.
- P065 Hi Inc./RMERC Res.
- P092 Lo inc. Res.
- P092 Lo RMERC Res.
- P092 Not Inc./RMERC Res.
- P092 Hi Inc./RMERC Res.
- U151 Lo RMERC Res.
- U151 Lo Not RMERC Res.
- U151 Hi Hg
- U240 2, 4 D
- U240 2, 4 esters & Salts

The subcategory for D018-D043 waste is "treated in nonCWA/nonSDWA facility" unless the following box is checked:  "treated in CWA/SDWA facility"

3. COMMON CODES (Place appropriate letter from section 8 before each code that applies)

- D002  P012  P030  P051  P098  P105  P205  F006  F007  F008  F009  F010  F011  F012  F019  F039
- D004  D005  D006  D007  D008  D009  D010  D011  D012  D013  D014  D015  D016  D017  D018  D019
- D020  D021  D022  D023  D024  D025  D026  D027  D028  D029  D030  D031  D032  D033  D034  D035
- D036  D037  D038  D039  D040  D041  D042  D043  F001  F002  F003  F004  F005  U002  U003  U006
- U007  U044  U061  U072  U080  U108  U117  U122  U123  U136  U154  U188  U213  U220  U226  U279  K061

ADDITIONAL CODES (Enter all codes not identified above which are associated with waste)

4. USEPA HAZARDOUS WASTE CODE(S)	5. TREATMENT STANDARDS FOR NON-PHASE II STATES (INDICATE THE APPLICABLE TREATMENT STANDARD 268.41, 268.43 OR SPECIFIED TECHNOLOGY BELOW)	6. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW

To identify F039, or UHCs managed in non-CWA, use the "F039/Underlying Hazardous Constituents Form" provided and check here:

If no UHCs are present upon generation check here:  Check here if disposal facility will check for all UHCs  (i.e. no UHC form required)

To list additional EPA waste code(s), use the supplemental sheet and check here:  In lieu of supplemental sheet you may use multiple copies of this form.

7. SOLVENT CONSTITUENTS (F001 - F005) Check here if disposal facility will check for all spent solvents

- Acetone
- Carbon Tetrachloride
- Cyclohexanone
- Ethyl benzene
- Methylene chloride
- 2-Nitropropane
- 1,1,1 Trichloroethane
- Trichloromonofluoromethane
- Benzene
- Chlorobenzene
- o-Dichlorobenzene
- Ethyl ether
- Methyl ethyl ketone
- Pyridine
- 1, 1, 2-Trichloroethane
- Xylenes
- n-Butyl alcohol
- O-Cresol
- 2-Ethoxyethanol
- Isobutanol
- Methyl isobutyl ketone
- Tetrachloroethylene
- 1, 1, 2-Trichloro, 1, 2, 2-trifluoroethane
- Carbon disulfide
- Cresols (m&p)
- Ethyl acetate
- Methanol
- Nitrobenzene
- Toluene
- Trichloroethylene

8. (States authorized by EPA to manage the LDR program may have regulatory citations different from the 40 CFR citations listed below. Where these regulatory citations differ, your certification will be deemed to refer to those state citations instead of the 40 CFR citations.)

A. or  RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268.40.

For Hazardous Debris: "This hazardous debris is subject to the alternative treatment standards of 40 CFR 268.45."

B.1 RESTRICTED WASTE TREATMENT TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the treatment standards specified in 40 CFR 268.40 without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 (CERTIFICATION REMOVED BY PHASE IV)

B.3 GOOD FAITH AND ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by combustion units as specified in 268.42, Table 1. I have been unable to detect the nonwastewater organic constituents, despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.4 DECHARACTERIZED WASTE REQUIRES TREATMENT FOR UNDERLYING HAZARDOUS CONSTITUENTS

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 5 above.

For hazardous debris: "This hazardous debris is subject to the alternative treatment standards of 40 CFR 268.45."

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D. I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

E. WASTE NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS

This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature Mike Blanton

Title \_\_\_\_\_ Date 6/17/09



**NON-HAZARDOUS  
WASTE MANIFEST**

1. Generator ID Number

2. Page 1 of

1

3. Emergency Response Phone

800-264-6482

4. Waste Tracking Number

5. Generator's Name and Mailing Address  
**Division of Waste Mgmt.  
 200 Fair Oaks Rd.  
 Frankfort, KY 40601**

Generator's Site Address (if different than mailing address)

**DWM-Black Leaf Chemical**

Generator's Phone:

6. Transporter 1 Company Name

**Pettit Environmental, Inc.**

U.S. EPA ID Number

**KYD981806383**

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

**Pettit Environmental, Inc.  
 340 Byrne Avenue  
 Louisville, KY40209**

U.S. EPA ID Number

Facility's Phone: **(502) 637-5100**

**KYD981806383**

9. Waste Shipping Name and Description

10. Containers

No.

Type

11. Total  
Quantity

12. Unit  
Wt./Vol.

1.

**Non-Regulated Paint Waste**

**0047**

**DM**

**2585**

**G**

2.

**Non-Regulated Oil & Water**

**0022**

**DM**

**1375**

**G**

3.

**Non-Regulated Roofing Tar**

**0014**

**DM**

**770**

**G**

4.

13. Special Handling Instructions and Additional Information

**Job Number: 09-2412**

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offoror's Printed/Typed Name

Signature

Month Day Year

**Mike Blanton**

**Mike Blanton**

**06/17/09**

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1, Printed/Typed Name

Signature

Month Day Year

**Mark Middleton**

**Mark Middleton**

**06/17/09**

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

**W. W. Davis**

**W. W. Davis**

**06/17/09**

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY