



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live

Frank O'Bannon
Governor

John M. Hamilton
Commissioner

AI# 29583

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.ai.org/idem

Office of Solid and Hazardous Waste Management
Special Waste Certification No. 50357 amended

Pursuant to 329 IAC 10-8-8, the following generator:

Arvin North American Automotive
1001 North Hurricane Street
Franklin, IN 46131

has received certification from the Indiana Department of Environmental Management, Office of Solid and Hazardous Waste Management, for the following waste stream(s):

paint filter waste.

These wastes may be disposed at any municipal solid waste landfill specified under 329 IAC 10-8-2 as an acceptable site for the disposal of waste which is certified as a special waste. A list of acceptable disposal sites is available from the Special Waste Section at the above address or by calling 317/232-3111. General and Special Conditions that apply to this certification are indicated on the reverse side.

This certification shall expire June 30, 1998

George A. Ritchotte
George A. Ritchotte
Special Waste Section
Solid Waste Compliance Branch
Solid and Hazardous Waste Management

May 29, 1998
Date

General Conditions That Apply to All Special Waste Certifications:

1. The generator and/or the hauler shall provide the landfill with a copy of this certification along with advanced notification of intended disposal and provide a disposal notification form with each load disposed.
2. If nuisance or pollution conditions are created, immediate corrective action shall be taken.
3. Waste material(s) accepted under this certification shall be included on the Special Waste Quarterly Report submitted to this Office by the landfill.
4. Special Waste(s) may not be disposed at any landfill subject to corrective action under 329 IAC 10-21-13 or at any landfill which fails to maintain compliance with 329 IAC 10.
5. It is the generator's responsibility to properly dispose of all wastes at acceptable sites. It is also the responsibility of the disposal site to notify the generators if the site's disposal status changes.
6. Any changes in the raw materials, the process(es) generating the waste, or the characteristics of the waste stream(s) shall be reported in writing to the IDEM and the disposal site prior to further disposal. If it is determined that the change is substantial, this certification shall be voided by written notification from IDEM.
7. The waste(s) shall not contain free liquids
8. The waste(s) shall not present a fire or explosion hazard

Special Conditions That Are Required For Disposal of the Waste(s) Will Be Indicated By The Reviewer's Initials:

- MAK 1. This certification has been amended to allow the generator additional time to comply with condition 2 of this section.
- MAK 2. A new TCLP analysis for each wastestream shall be provided to the IDEM at the time of renewal of this certification, or at the time of application for a special waste verification from the landfill.

Anticipated Disposal Quantity: 500 cubic yards annually



Fax

To: GEORGE RICHOTTE From: MARK BUTCHER
Fax: 317-232-3403 Pages: 2
Phone: 317-232-5976 Date: 5-29-98
Re: PERMIT EXTENSION CC:

☐ Urgent ☒ * For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

● Comments:

PLEASE LET ME KNOW IF THIS INFORMATION
IS SUFFICIENT PHONE 812-378-1305

Viox Services, Inc.

2020 15th Street

Columbus, IN 47201

812-378-1580 Phone

812-378-1608 Fax



May 29, 1998

George Richotte
Indiana Department of Environmental Management
100 North Senate Avenue
P.O. Box 6015
Indianapolis, IN 46206-6015

Dear Mr. Richotte:

The intent of this letter is to request an extension for Special Waste Certification No's. 50357 and 50935 currently being used at the Arvin Franklin Plant, and to certify that the waste removal process has not been changed. If you have questions or need additional information, please feel free to contact me at any time.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark E. Butcher". The signature is written in a cursive, flowing style.

Mark Butcher
Service Manager



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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Johnson

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Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.ai.org/idem

Office of Solid and Hazardous Waste Management
Special Waste Certification 80065

Pursuant to 329 IAC 10-8-8, the following generator:

Arvin Exhaust
1001 N. Hurrican Street
Franklin, IN 46131

has received certification from the Indiana Department of Environmental Management, Office of Solid and Hazardous Waste Management, for the following waste stream(s):

paint filters

These wastes may be disposed at any municipal solid waste landfill specified under 329 IAC 10-8-2 as an acceptable site for the disposal of waste which is certified as a special waste. A list of acceptable disposal sites is available from the Special Waste Section at the above address or by calling 317/232-3111. General and Special Conditions that apply to this certification are indicated on the reverse side.

This certification shall expire exactly 5 years from the effective signature date below.

Ashly A. Insco
Ashly A. Insco, Chief
Special Waste Section
Solid Waste Compliance Branch
Solid and Hazardous Waste Management

4/6/98
Date

General Conditions That Apply to All Special Waste Certifications:

1. The generator and/or the hauler shall provide the landfill with a copy of this certification along with advanced notification of intended disposal and provide a disposal notification form with each load disposed.
2. If nuisance or pollution conditions are created, immediate corrective action shall be taken.
3. Waste material(s) accepted under this certification shall be included on the Special Waste Quarterly Report submitted to this Office by the landfill.
4. Special Waste(s) may not be disposed at any landfill subject to corrective action under 329 IAC 10-21-13 or at any landfill which fails to maintain compliance with 329 IAC 10.
5. It is the generator's responsibility to properly dispose of all wastes at acceptable sites. It is also the responsibility of the disposal site to notify the generators if the site's disposal status changes.
6. Any changes in the raw materials, the process(es) generating the waste, or the characteristics of the waste stream(s) shall be reported in writing to the IDEM and the disposal site prior to further disposal. If it is determined that the change is substantial, this certification shall be voided by written notification from IDEM.
7. The waste(s) shall not contain free liquids.
8. The waste(s) shall not present a fire or explosion hazard.

Special Conditions That Are Required For Disposal of the Waste(s) Will Be Indicated By The Reviewer's Initials:

- KW 1. A new TCLP shall be provided to the IDEM at the time of renewal of this certification. Each waste stream shall be analyzed separately.
- _____ 2. This is an intended one-time only disposal. If the quantity disposed substantially exceeds the amount anticipated, this Office shall be notified in accordance with General Condition No. 6.

Anticipated Disposal Quantity:

Cadillac Plant:	10,000 cubic yards annually
Mazda Plant :	600 cubic yards annually

Kim Whittington 4/6/98
Reviewer/Date

cc: Dan Boucher; Arvin Exhaust

SPECIAL PROJECTS CERTIFICATION WORKSHEET

Generator Arvin Exhaust County Johnson
Loc. Address 1001 N. Hurricane St. Date 3-10-98
Franklin, In 46131 Certification No. 80065
Disposal Site Bumpke-Medora Evaluator JSW
Waste paint filters

Comments: (Provide the necessary information to document your review of the waste. Record all contacts and resources consulted).

pd. fee

Renewal 50357

Cadillac plant

TCLP metals - <50% okay

PH - 5.35

VOC'S - ND

SVOC'S - ND

Mazda plant

TCLP metals - okay

PH - 6.25

VOC'S - ND

SVOC'S - ND

flash - >200

One facility - 2 separate processes
Company analyzed separately.

SPECIAL WASTE CERTIFICATION APPLICATION

Cashier, Room N1324
 Indiana Department of Environment Management
 100 N. Senate Avenue
 P.O. Box 7060
 Indianapolis, Indiana 46206-7060
 Telephone: 317/232-3111

FOR OFFICE USE ONLY

Reviewer

Whittington

Application No.

80065

1. Generator Fee

Generator Fee: \$250. per application

PAID BY:

113415

(Check # or Money Order #)

2. Generator Information

Generator Facility Location	Generator Mailing Address
Name Arvin Exhaust	Name Arvin Exhaust
Address 1001 N. Hurricane Street	Address 1001 North Hurricane Street
Franklin Indiana 46131	Franklin Indiana 46131
(City) (State) (Zip)	(City) (State) (Zip)
County Johnson	County Johnson
Technical Contact and Telephone # Dan Boucher (317) 346-2851	Technical Contact and Telephone # Dan Boucher (317) 346-2851
EPA Identification Number: IND 006414783	

3. Contractor Information

Applicant (if other than generator)	Proposed Disposal Site
Name	Name Rumpke Medora Opp No. 36-1
Address	Address 546 South 870 Street
Medora Indiana 47260	Medora Indiana 47260
(City) (State) (Zip)	(City) (State) (Zip)
Technical Contact and Telephone # <input type="checkbox"/> Check box if you want a copy of certification	Technical Contact and Telephone # Tom Willcut (812) 966-2017

4. Regulatory Issues

Are the waste(s) related to any of the following occurring at your facility: (please check)

CERCLIS Clean-up ☐

Hazardous/Solid Waste Enforcement ☐

Corrective Action ☐

Air/Water Issues ☐

No Issues ☒

Other _____

List below in section 5 the waste stream for which certification is being requested under this application. If a number of similar waste streams are being combined for certification purposes (see instructions), list all the waste streams included within this combination. Separate applications must be submitted for each waste stream or each combination of waste streams requiring certification.

5. Waste(s) Information	
Waste(s) Name(s)	Previous Certification No. (if applicable)
1.) Paint Filter Waste	50357
2.)	
3.)	
4.)	
5.)	
6.)	
7.)	
8.)	
9.)	
10.)	

Anticipated annual disposal quantity: 10,000 cu.yds 966,700 lbs annually
 approximately 660 cu. yds. about 90,000 lbs monthly

Check box if this is a one-time only disposal ☐

Type of disposal containers(s) to be used: Bulk enclosed container (30yard)

6. Sampling and Laboratory Information	
Laboratory	Sample Collector
Name Sherry Laboratory	Name Dan Boucher
Address 629 Washington St.	Address 1001 N. Hurricane St.
Columbus Indiana 47201	Franklin Indiana 46131
(City) (State) (Zip)	(City) (State) (Zip)
Technical Contact and Telephone #	Telephone #
Paul Gerth (812) 375-0531	(317) 346-2851

If certification is being requested for a combination of similar waste streams under this application, complete this page for each waste stream included in that combination.

[illegible]

9. Generator Signature

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who managed the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violation. I further certify that I am authorized to submit this information". (329 IAC 10-8-6 (c))



Dan Boucher

February 25, 1998

Signature

(type or print name)

Date

Environmental Coordinator

Title

CADILLAC PAINT BOOTH FILTERS RESULTS



SHERRY LABORATORIES

Page 1

SHERRY LABS/COL

TEST REPORT

Work Order # 98-02-150

Received: 02/09/98

02/19/98 09:05:29

ATTEN Dan Boucher

REPORT Arvin Industries

TO 1001 N. Hurricane

Franklin, IN 46131

PREPARED Sherry Laboratories/Columbus

BY 629 Washington Street

Suite 300

Columbus, Indiana 47201

CERTIFIED BY

ATTEN Paul O. Gerth

CONTACT PAUL

PHONE (812) 375-0531 FAX 375-0731

CLIENT ARVIN FRANKL

SAMPLES 1

COMPANY Arvin Industries

FACILITY 1001 N. Hurricane

Franklin, IN 46131

Paul O. Gerth

Director

Certified by IN# C-03-02 Col IN# C-18-02 Mun IN# C-02-02 Ftw

IN# M-3-2 Col IN# M-18-5 Mun

WORK ID Cadillac Paint Booth Filter

TAKEN 1/21/98

TRANS Sherry

TYPE Other

P.O. #

INVOICE under separate cover

Surrogate recoveries are the best available.

SAMPLE IDENTIFICATION

TEST CODES and NAMES used on this workorder

01 Cadillac Paint Filter

AGTCLP Silver in TCLP extract

ASTCLP Arsenic in TCLP extract

BATCLP Barium in TCLP extract

CDTCLP Cadmium in TCLP extract

CORROS Corrosivity (pH)

CRTCLP Chromium in TCLP extract

HGTCLP Mercury in TCLP extract

PBTCLP Lead in TCLP extract

SETCLP Selenium in TCLP extract

TCLP TCLP extraction and prep

TCLPE TCLP Extractables

TCLPV TCLP Volatiles

ZHE TCLP Volatile Organic Prep

TOTAL PAGES OF THIS REPORT : 4

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WITHOUT THE WRITTEN APPROVAL OF SHERRY LABORATORIES



SHERRY LABORATORIES

Page 2

LAB I.D. 9802150-01A

DATE REPORTED: 02/19/98

SAMPLE DESCRIPTION Cadillac Paint Filter

DATE COLLECTED: 01/21/98 07:00

Paul O. Gerth
Director

<u>Analyte</u>	<u>Analyst Initials</u>	<u>Date Completed</u>	<u>Reference Method</u>	<u>Detection Limit</u>	<u>RCRA Limit</u>	<u>Concentration (ppm)</u>
Silver in TCLP extract	FJR	02/11/98	SW846-6010	0.1 ppm	5.0 ppm	<0.1
Arsenic in TCLP extract	FJR	02/11/98	SW846-6010	0.2 ppm	5.0 ppm	<0.2
Barium in TCLP extract	FJR	02/11/98	SW846-6010	0.1 ppm	100 ppm	0.3
Cadmium in TCLP extract	FJR	02/11/98	SW846-6010	0.1 ppm	1.0 ppm	<0.1
Corrosivity - pH	LN	02/11/98	SW846-9045	0.10 units	2 -12.5	5.35
Chromium in TCLP extract	FJR	02/11/98	SW846-6010	0.1 ppm	5.0 ppm	<0.1
Mercury in TCLP extract	FJR	02/11/98	SW846-7470	0.05 ppm	0.20 ppm	<0.05
Lead in TCLP extract	FJR	02/11/98	SW846-6010	0.1 ppm	5.0 ppm	<0.1
Selenium in TCLP extract	FJR	02/11/98	SW846-6010	0.2 ppm	1.0 ppm	<0.2
TCLP Preparation	FJR	02/10/98	SW846-1311			



SHERRY LABORATORIES

Page 3

LAB I.D. 9802150-01A

DATE REPORTED: 02/19/98

SAMPLE DESCRIPTION Cadillac Paint Filter

DATE COLLECTED: 01/21/98 07:00

Carol Gero

Laboratory Representative

TCLP EXTRACTABLES
Method(s) 8150/8080/8270

EXTRACTED 02/16/98 RE-EXTRACTED
INJECTED 02/17/98 RE-INJECTED
ANALYST GMC

Analyte	RCRA LIMIT (ppm)	Result	Det. Limit (ppm)
m-cresol	200.0	ND	0.10
o-cresol	200.0	ND	0.10
p-cresol	200.0	ND	0.10
1,4 dichlorobenzene	7.5	ND	0.10
2,4 dinitrotoluene	0.13	ND	0.10
hexachloro-1,3-butadiene	0.5	ND	0.10
hexachlorobenzene	0.13	ND	0.10
hexachloroethane	3.0	ND	0.10
nitrobenzene	2.0	ND	0.10
pentachlorophenol	100.0	ND	0.10
pyridine	5.0	ND	0.10
2,4,5 trichlorophenol	400.0	ND	0.10
2,4,6 trichlorophenol	2.0	ND	0.10

SURROGATES (%)

2-FLUOROBIPHENYL	63%
NITROBENZENE-D5	72%
TERPHENYL-D14	76%
PHENOL-D5	51%
2-FLUOROPHENOL	57%
2,4,6 TRIBROMOPHENOL	50%

Comments:



SHERRY LABORATORIES

Page 4

LAB I.D. 9802150-01A

DATE REPORTED: 02/19/98

SAMPLE DESCRIPTION Cadillac Paint Filter

DATE COLLECTED: 01/21/98 07:00

Carol O. Lero

Laboratory Representative

TCLP VOLATILES

Method(s) 8240

ANALYZED 02/17/98

ANALYST DLP

Analyte	RCRA LIMIT (ppm)	Result	Det. Limit (ppm)
benzene	0.50	ND	0.10
carbon tetrachloride	0.50	ND	0.10
chlorobenzene	100.0	ND	0.10
chloroform	6.0	ND	0.10
1,2-dichloroethane	0.50	ND	0.10
1,1-dichloroethylene	0.70	ND	0.10
methyl ethyl ketone	200.0	ND	1.0
tetrachloroethylene	0.7	ND	0.10
trichloroethylene	0.5	ND	0.10
vinyl chloride	0.20	ND	0.10

SURROGATES

1,2-dichloroethane-d4	<u>118%</u>
toluene-d8	<u>98%</u>
bromofluorobenzene	<u>93%</u>

Comments :

MAZDA PAINT
BOOTH FILTERS
RESULTS

Page 1

SHERRY LABS/COL

TEST REPORT

Work Order # 98-02-352

Received: 02/19/98

03/05/98 13:05:32

~~Work Not Complete~~ATTEN Dan BoucherREPORT Arvin IndustriesTO 1001 N. HurricaneFranklin, IN 46131PREPARED Sherry Laboratories/ColumbusBY 629 Washington StreetSuite 300Columbus, Indiana 47201

CERTIFIED BY

ATTEN Paul O. GerthCONTACT PAULPHONE (812) 375-0531 FAX 375-0731CLIENT ARVIN FRANKLSAMPLES 1COMPANY Arvin IndustriesPaul O. GerthFACILITY 1001 N. HurricaneDirectorFranklin, IN 46131Certified by IN# C-03-02 Col IN# C-18-02 Mun IN# C-02-02 FtwIN# M-3-2 Col IN# M-18-5 MunWORK ID Mazda Paint FilterTAKEN 2/18/98TRANS SherryTYPE Paint Filter

P.O. #

INVOICE under separate cover

SAMPLE IDENTIFICATION

TEST CODES and NAMES used on this workorder

01 Mazda Paint FilterAGTCLP Silver in TCLP extractASTCLP Arsenic in TCLP extractBATCLP Barium in TCLP extractCDTCLP Cadmium in TCLP extractCORROS Corrosivity (pH)CRTCLP Chromium in TCLP extractFPI40 Flash Point (Closed Cup)HGTCLP Mercury in TCLP extractPBTCLP Lead in TCLP extractSPTCLP Selenium in TCLP extractTCLP TCLP extraction and prepTCLPE TCLP ExtractablesTCLPV TCLP VolatilesZHE TCLP Volatile Organic Prep

TOTAL PAGES OF THIS REPORT :

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Page

LAB I.D.

9802352-01A

DATE REPORTED: 03/05/98

SAMPLE DESCRIPTION Mazda Paint FilterDATE COLLECTED: 02/18/98 13:30Paul O. Gerth
Director

<u>Analyte</u>	<u>Analyst</u> <u>Initials</u>	<u>Date</u> <u>Analyzed</u>	<u>Reference</u> <u>Method</u>	<u>Detection</u> <u>Limit</u>		<u>Concentration</u> <u>(ppm)</u>
Silver in TCLP extract	FJR	02/27/98	SW846-6010	0.1 ppm	5.0 ppm	<0.1
Arsenic in TCLP extract	FJR	02/27/98	SW846-6010	0.2 ppm	5.0 ppm	<0.2
Barium in TCLP extract	FJR	02/27/98	SW846-6010	0.1 ppm	100 ppm	0.4
Cadmium in TCLP extract	FJR	02/27/98	SW846-6010	0.1 ppm	1.0 ppm	<0.1
Corrosivity - pH	CLC	02/27/98	SW846-9045	0.10 units	2 -12.5	6.25
Chromium in TCLP extract	FJR	02/27/98	SW846-6010	0.1 ppm	5.0 ppm	0.2
Flash Point	KRS	02/24/98	SW846-1010	10 DEG F	140 DEG F	>200
Mercury in TCLP extract	FJR	02/25/98	SW846-7470	0.05 ppm	0.20 ppm	<0.05
Lead in TCLP extract	FJR	02/27/98	SW846-6010	0.1 ppm	5.0 ppm	<0.1
Selenium in TCLP extract	FJR	02/27/98	SW846-6010	0.2 ppm	1.0 ppm	<0.2
TCLP Preparation	KRS	02/24/98	SW846-1311			

Page

LAB I.D. 9802394-013

DATE REPORTED: 03/05/98

SAMPLE DESCRIPTION 9802352-013

DATE COLLECTED: 02/18/98

Laboratory Representative

TCLP EXTRACTABLES

Method(s) 8080/8150/8270

TCLP VOLATILES

Method(s) 8020/8260

EXTRACTED 03/03/98 INJECTED 03/04/98

RE-EXTRACTED

RE-INJECTED

ANALYZED 03/03/98

ANALYST DLP

ANALYST GMC

Analyte	RCRA LIMIT	Result	D.L.
	(ppm)		(ppm)
m-cresol	200.0	ND	0.10
o-cresol	200.0	ND	0.10
p-cresol	200.0	ND	0.10
1,4 dichlorobenzene	7.5	ND	0.10
2,4 dinitrotoluene	0.13	ND	0.10
hexachloro-1,3-butadiene	0.5	ND	0.10
hexachlorobenzene	0.13	ND	0.10
hexachloroethane	3.0	ND	0.10
nitrobenzene	2.0	ND	0.10
pentachlorophenol	100.0	ND	0.10
pyridine	6.0	ND	0.10
2,4,5 trichlorophenol	400.0	ND	0.10
2,4,6 trichlorophenol	2.0	ND	0.10

SURROGATES (%)

2-FLUOROBIPHENYL	67%
NITROBENZENE-D5	64%
TERPHENYL-D14	73%
PHENOL-D5	25%
1-FLUOROPHENOL	17%
2,4,6 TRIBROMOPHENOL	23%

Comments:

Analyte	RCRA LIMIT	Result	D.L.
	(ppm)		(ppm)
benzene	0.50	ND	0.10
carbon tetrachloride	0.50	ND	0.10
chlorobenzene	100.0	ND	0.10
chloroform	6.0	ND	0.10
1,2-dichloroethane	0.50	ND	0.10
1,1-dichloroethylene	0.70	ND	0.10
methyl ethyl ketone	200.0	ND	1.0
tetrachloroethylene	0.7	ND	0.10
trichloroethylene	0.5	ND	0.10
vinyl chloride	0.20	ND	0.10

SURROGATES (%)

dibromofluoromethane	113%
toluene-d8	102%
4-bromofluorobenzene	97%

Comments:



JOHNSON and GRIFFIN
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live

Evan Bayh
Governor
Kathy Prosser
Commissioner

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
Telephone 317-232-8603
Environmental Helpline 1-800-451-6027

Office of Solid and Hazardous Waste Management
Special Waste Certification No. 50935

Pursuant to 329 IAC 2-21-11, the following generator:

Arvin North American Automotive
1001 North Hurricane Street
Franklin, IN 46131

has received certification from the Indiana Department of Environmental Management, Office of Solid and Hazardous Waste Management, for the following waste stream(s):

Petroleum contaminated soil

These wastes may be disposed at any sanitary landfill specified under 329 IAC 2-21-3 as an acceptable site for the disposal of waste which is certified as special waste. A list of acceptable disposal sites is available from the Solid Waste Permit Section at the above address or by calling 317/232-4473. General and Special Conditions that apply to this certification are indicated on the reverse side.

This certification shall expire exactly 5 years from the effective signature date below.

Gregory C. Lorenz

Gregory C. Lorenz, Chief
Special Waste Section
Solid Waste Facilities Branch
Office of Solid and Hazardous Waste Management

10/30/95

Date

General Conditions That Apply To All Special Waste Approvals:

1. The generator and/or hauler shall provide the landfill with a copy of this certification along with advanced notification of intended disposal and provide a disposal notification form with each load disposed.
2. If nuisance or pollution conditions are created, immediate corrective action shall be taken by the operator.
3. Waste material(s) accepted under this approval shall be included on the Special Waste Monthly Report to be submitted to this office monthly.
4. Special waste(s) may not be disposed at any landfill subject to corrective action under 329 IAC 2-16-9 or at any landfill which fails to maintain compliance with 329 IAC 2.
5. It is the generator's responsibility to properly dispose of all wastes at acceptable sites. Also, it is the responsibility of the disposal site to notify the generators if the site's disposal status changes.
6. Any change in the raw materials, the process(es) generating the waste, or the characteristics of the waste stream(s) shall be reported in writing to the IDEM and the disposal site prior to further disposal. If it is determined that the change is substantial, this certification shall be voided by written notification from the IDEM.
7. The waste(s) shall not contain free liquids.
8. The waste(s) shall not present a fire or explosive hazard.

Special Conditions That Are Required For Disposal Of The Waste(s) Will Be Indicated By The Reviewer's Initials:

- ___ 1. At least one end of the container shall be completely opened so that the waste(s) may be readily identified.
- ___ 2. A new TCLP analysis shall be provided to the IDEM at the time of renewal of this certification. Each waste stream shall be tested separately.
- ___ 3. In addition to landfills specified under 329 IAC 2-21-3 waste(s) specified on this certification may also be disposed pursuant to 329 IAC 2-21-12 at the following landfill(s):
- SSD 4. This is an intended one time only disposal. If the disposal quantity substantially exceeds the amount anticipated, this Office shall be notified in accordance with General Condition Number 6.

Anticipated Disposal Quantity: 80 cubic yards.

S. D. Smith 10/27/95
Reviewer/Date

cc: John McBeath: Arvin North American Automotive

SPECIAL PROJECTS CERTIFICATION WORKSHEET

Generator Acme North American Auto County JOHNSON
Date 10/25/95
Address Franklin IN Certification No. 50935
Waste Petroleum Cont Soil Evaluator SJD
Disposal Site

Comments: (Provide the necessary information to document your review of the waste. Record all contacts and resources consulted).

App is complete - 80 of -00 fine

Analytical

Metals - 110% RC

BET - OK 110%

Duff cut for 5 years (one time)

Sleco, Inc.
Engineers



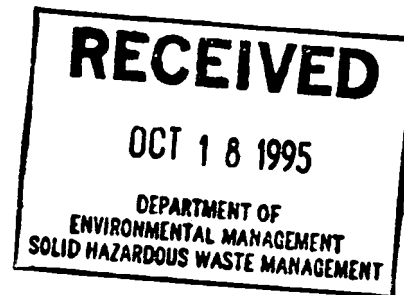
629 Washington Street
P.O. Box 407
Columbus, Indiana 47202
Phone: 812-372-9911
FAX: 812-372-7190

September 1, 1995

Indiana Department of Environmental Management
Office of Solid and Hazardous Waste Management
100 North Senate Avenue
P. O. Box 6015
Indianapolis, IN 46206-6015

Attn: Mr. Greg Lorenz

Re: Arvin North American Automotive
Franklin, Indiana



Dear Mr. Lorenz:

Attached is a Special Waste Certification Application prepared for Arvin North American Automotive in Franklin, Indiana.

Arvin maintains a scrap bin area which contains materials from a stamping process. The soil in the area of these scrap bins is believed to have been contaminated with a non-oil lubricant used in the stamping process. Representative samples were collected and analyzed for total lead, TCLP metals, Total Petroleum-Hydrocarbons (TPH), and BTEX. The laboratory reports are attached. An estimated 60 - 80 cubic yards of material has been removed and placed in roll-off containers with an anticipated one time disposal frequency.

If there are any questions, please call me at (812) 372-9911 or John McBeath at (317) 736-7111.

Sincerely,

A handwritten signature in black ink, appearing to read "D.A. Weinzapfel". The signature is fluid and cursive.

David A. Weinzapfel
Environmental Scientist

DAW/ac

cc: Mr. John McBeath

Attachment

Special Waste Certification Application

RECEIVED

OCT 18 1995

For Office Use Only
ENVIRONMENTAL MANAGEMENT
SOLID HAZARDOUS WASTE MANAGEMENT
Review

Cashier, Room N1324

Indiana Department of Environmental Management

Office of Solid and Hazardous Waste Management

100 N. Senate Avenue

P.O. Box 6015

Indianapolis, Indiana 46206-6015

Telephone: 317/232-3111

50935 Draschil

1. Generator Fee

Generator Fee: \$250.00 per waste stream

PAID BY:

(Check #) or Money Order #

TOTAL AMOUNT SUBMITTED: \$ 250.00

2. Generator Information

Generator Facility Location		Generator Mailing Address	
Name	Arvin North American Automotive	Name	Arvin North American Automotive
Address	1001 North Hurricane Street	Address	1001 North Hurricane Street
Franklin / IN / 46131		Franklin / IN / 46131	
(City) (State) (Zip)		(City) (State) (Zip)	
County Johnson IN 46131		County Johnson IN 46131	
Technical Contact and Telephone #		Technical Contact and Telephone #	
John McBeath (317) 736-7111		John McBeath (317) 736-7111	

EPA Identification Number:

3. Contractor Information

Applicant (If other than generator)		Proposed Disposal Site	
Name		Name	Opp No.
Address		Address	
/ /		/ /	
(City) (State) (Zip)		(City) (State) (Zip)	
County		County	
Technical Contact and Telephone #		Technical Contact and Telephone #	

4. Regulatory Issues

Are any of the following occurring at your facility: (please check)

CERCLIS Clean-up ☐

Hazardous/Solid Waste Enforcement ☐

Corrective Action ☐

Air/Water Issues ☐

No Issues ☐

Other _____

5. Waste Information

Waste Name: Petroleum Contaminated Soil

Anticipated annual quantity (cubic yards, drums, other): 80 cy

Disposal frequency (weekly, monthly, annually, one time, etc.): One time

Type of waste containers (drums, bulk, rollofs, etc.): Rolloff

6. Sampling and Laboratory Information

Laboratory	Sample Collector
Name Sherry Laboratories	Name Karen Stillabower
Address 629 Washington Street	Address 629 Washington Street
Columbus / IN / 47201 (City) (State) (Zip)	Columbus / IN / 47201 (City) (State) (Zip)
Technical Contact and Telephone# Paul Gerth 812-372-9911	Telephone # 812-372-9911

7. Previous Certification InformationHas this waste been certified previously? Yes ___ No x Date: _____ Certification No. _____

What is the date of the last lab analysis?

Have there been any changes in the process, volumes, or raw materials since the last certification?
Yes ___ No ___ If yes, attach a brief explanation.Are you aware of any other facts or circumstances which have, or could have, altered the physical characteristics or chemical composition of the waste? Yes ___ No ___
If yes, provide a brief explanation.

8. Waste CharacterizationIs the waste a listed hazardous waste as defined in 329 IAC 3.1? Yes ___ No XDoes this waste contain PCB's or PCB items as defined in 329 IAC 4? Yes ___ No X**Physical Characteristics: (attach MSD Sheets if Available)**

Physical state: Solid-Soil

Percent solids %

Fire, explosion, or spontaneous ignition hazard? Yes ___ No XDoes this waste contain: Free liquids? No Asbestos? No Solvents? No

Odor? None ___ Mild ___ Strong ___ Describe:

Analytical InformationSampling: Date sample was collected: 6-20-95 Sample type: grab X composite ___Is a sampling plan used? Yes ___ No X If so, attach a copy.

Is the sample representative of the waste? Yes ___

Results: attach original laboratory documentation i.e. TCLP (metal, pesticide, organics), corrosivity, ignitability, reactivity, or other. (QA/QC upon request)**9. Process Description (attach additional pages if necessary)**

Arvin maintains a scrap bin area which contains materials from a stamping process. A non-oil lubricant used in the stamping process is believed to have leaked from these scrap bins and into the soil in the area.

10. Generator Signature

I hereby certify that the information in this application is true and accurate to the best of my knowledge, and that this waste is not a hazardous waste as defined in 329 IAC 3.1.

John McBeath
SignatureJohn McBeath
(type or print name)10/17/95
DateTitle Asst. H. R. Mgr.



SHERRY LABORATORIES

Page 1

SHERRY LABS/COL

TEST REPORT

Work Order # 95-08-322

Received: 08/18/95

08/26/95 14:26:29

REPORT Sieco, Inc. / PREPARED Sherry Laboratories/Columbus
TO P.O. Box 407 BY 629 Washington Street
Columbus, IN 47202 Suite 300
Columbus, Indiana 47201 CERTIFIED BY Paul O. Gerth
ATTEN Jim McNulty ATTEN Paul O. Gerth
PHONE (812) 375-0531 FAX 375-0731 CONTACT PAUL
CLIENT SIECO SAMPLES 1
COMPANY Sieco, Inc. Paul O. Gerth
FACILITY 629 Washington St. Director
Columbus, IN 47201 Certified by IN# C-03-02
IN# M-3-2
WORK ID Arvin-Franklin
TAKEN 6/20/95 Lead in TCLP Extract was completed on 7/27/95 as lab ID
TRANS Hand number 95-07-395.
TYPE Soil
P.O. #
INVOICE under separate cover

SAMPLE IDENTIFICATION

TEST CODES and NAMES used on this workorder

01 Sampling Pt. #3
AGTCLP Silver in TCLP extract
ASTCLP Arsenic in TCLP extract
BATCLP Barium in TCLP extract
CDTCLP Cadmium in TCLP extract
CRTCLP Chromium in TCLP extract
HGTCLP Mercury in TCLP extract
SETCLP Selenium in TCLP extract
TCLP TCLP extraction and prep

TOTAL PAGES OF THIS REPORT : 2

THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL,
WITHOUT THE WRITTEN APPROVAL OF SHERRY LABORATORIES



SHERRY LABORATORIES

Page 2

LAB I.D. 9508322-01A

DATE REPORTED: 08/26/95

SAMPLE DESCRIPTION Sampling Pt. #3

DATE COLLECTED: 06/20/95 14:25

Paul O. Gerth
Director

<u>Analyte</u>	<u>Analyst Initials</u>	<u>Date Completed</u>	<u>Reference Method</u>	<u>Detection Limit</u>	<u>Concentration (ppm)</u>
Silver in TCLP extract	TLT	08/23/95	SW846-7760	0.020 ppm	<0.020
Arsenic in TCLP extract	TLT	08/25/95	SW846-7060	0.002 ppm	0.008
Barium in TCLP extract	TLT	08/21/95	SW846-7760	0.300 ppm	0.410
Cadmium in TCLP extract	TLT	08/22/95	SW846-7140	0.020 ppm	<0.020
Chromium in TCLP extract	TLT	08/23/95	SW846-7190	0.020 ppm	0.039
Mercury in TCLP extract	FJR	08/24/95	SW846-7470	0.05 ppm	<0.05
Selenium in TCLP extract	TLT	08/26/95	SW846-7740	0.002 ppm	0.020
TCLP Preparation	KRS	08/22/95	SW846-1311		



SHERRY LABORATORIES

Page 1

SHERRY LABS/COL

TEST REPORT

Work Order # 95-07-395

Received: 07/26/95

07/27/95 16:37:07

REPORT Sieco, Inc.
TO P.O. Box 407
Columbus, IN. 47202

PREPARED Sherry Laboratories/Columbus
BY 629 Washington Street
Suite 300
Columbus, Indiana 47201

Paul O. Gerth

CERTIFIED BY

ATTEN Jim McNulty

ATTEN Paul O. Gerth

PHONE (812) 375-0531 FAX 375-0731

CONTACT PAUL

CLIENT SIECOJ SAMPLES 1
COMPANY Sieco, Inc.
FACILITY 629 Washington Street
Columbus, IN. 47201

Paul O. Gerth
Director
Certified by IN# C-03-02
IN# M-3-2

WORK ID Arvin, Franklin-Sampl. Pt. #3
TAKEN 6/20/95
TRANS Hand
TYPE Soil
P.O. #
INVOICE under separate cover

SAMPLE IDENTIFICATION

01 Sampling Point #3

TEST CODES and NAMES used on this workorder

PBTCLP Lead in TCLP extract
TCLP TCLP extraction and prep

TOTAL PAGES OF THIS REPORT : 2
THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL,
WITHOUT THE WRITTEN APPROVAL OF SHERRY LABORATORIES



SHERRY LABORATORIES

Page

LAB I.D. 9507395-01A

DATE REPORTED: 07/27/95

SAMPLE DESCRIPTION Sampling Point #3

DATE COLLECTED: 06/20/95 14:25

A handwritten signature in cursive script, reading 'Paul O. Gerth'.

Paul O. Gerth
Director

<u>Analyte</u>	<u>Analyst Initials</u>	<u>Date Completed</u>	<u>Reference Method</u>	<u>Detection Limit</u>	<u>Concentration (ppm)</u>
Lead in TCLP extract	TLT	07/27/95	SW846-7420	0.100 ppm	<0.100
TCLP Preparation	KRS	07/27/95	SW846-1311		



SHERRY LABORATORIES

Page 4

LAB I.D. 9506326-03A

DATE REPORTED: 07/07/95

SAMPLE DESCRIPTION Arvin - Sampling Point #3

DATE COLLECTED: 06/20/95 14:25

Paul O. Gerth
Director

<u>Analyte</u>	<u>Analyst</u> <u>Initials</u>	<u>Date</u> <u>Completed</u>	<u>Reference</u> <u>Method</u>	<u>Detection</u> <u>Limit</u>	<u>Concentration</u> <u>(ppm)</u>
Lead	TLT	06/27/95	SW846 7420	3.72 mg/Kg	Dry Weight 176.



SHERRY LABORATORIES

PAGE 4 LAB I.D. 9506298-03A DATE REPORTED: 07/17/95SAMPLE DESCRIPTION SL-C #9506326 #3DATE COLLECTED: 06/20/95*Douglas M. Berry*
Laboratory RepresentativeANALYZED 07/01/95 ANALYST GMC METHOD SW846-8240

<u>ANALYTE</u>	<u>RESULT</u>	<u>DET LIMIT (ppb)</u>
BENZENE	<u>ND</u>	<u>100</u>
TOLUENE	<u>ND</u>	<u>100</u>
ETHYL BENZENE	<u>ND</u>	<u>100</u>
XYLENES	<u>770</u>	<u>100</u>

<u>SURROGATE</u>	<u>RECOVERY (%)</u>
1,2 DICHLOROETHANE-d4	<u>128 %</u>
TOLUENE-d8	<u>102 %</u>
BROMOFLUOROBENZENE	<u>90 %</u>

<u>Analyte</u>	<u>Analyst Initials</u>	<u>Date Completed</u>	<u>Reference Method</u>	<u>Detection Limit</u>	<u>Concentration ug/ml (ppm)</u>
TPH-Gravimetric	BKH	06/30/95	EPA 413.1	3000 ppm	6450



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live

Evan Bayh
Governor
Kathy Prosser
Commissioner

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
Telephone 317-232-8603
Environmental Helpline 1-800-451-6027

Office of Solid and Hazardous Waste Management Special Waste Certification No. 50357

Pursuant to 329 IAC 2-21-11, the following generator:

Arvin North American Automotive
1001 North Hurricane Street
Franklin, IN 46131

has received certification from the Indiana Department of Environmental Management, Office of Solid and Hazardous Waste Management, for the following waste stream(s):

Paint filter waste

These wastes may be disposed at any sanitary landfill specified under 329 IAC 2-21-3 as an acceptable site for the disposal of waste which is certified as special waste. A list of acceptable disposal sites is available from the Solid Waste Permit Section at the above address or by calling 317/232-4473. General and Special Conditions that apply to this certification are indicated on the reverse side.

This certification shall expire on May 31, 1998.

Gregory C. Lorenz

Gregory C. Lorenz
Acting Chief
Special Waste Permit Section
Office of Solid and Hazardous Waste Management

4/25/95
Date

General Conditions That Apply To All Special Waste Approvals:

1. The generator and/or hauler shall provide the landfill with a copy of this certification along with advanced notification of intended disposal and provide a disposal notification form with each load disposed.
2. If nuisance or pollution conditions are created, immediate corrective action shall be taken by the operator.
3. Waste material(s) accepted under this approval shall be included on the Special Waste Monthly Report to be submitted to this office monthly.
4. Special waste(s) may not be disposed at any landfill subject to corrective action under 329 IAC 2-16-9 or at any landfill which fails to maintain compliance with 329 IAC 2.
5. It is the generator's responsibility to properly dispose of all wastes at acceptable sites. Also, it is the responsibility of the disposal site to notify the generators if the site's disposal status changes.
6. Any change in the raw materials, the process(es) generating the waste, or the characteristics of the waste stream(s) shall be reported in writing to the IDEM and the disposal site prior to further disposal. If it is determined that the change is substantial, this certification shall be voided by written notification from the IDEM.
7. The waste(s) shall not contain free liquids.
8. The waste(s) shall not present a fire or explosive hazard.

**Special Conditions That Are Required For Disposal of The Waste(s)
Will Be Indicated By The Reviewer's Initials:**

- _____ 1. At least one end of the container shall be completely opened so that the waste(s) may be readily identified.
- SD 2. A new TCLP analysis shall be provided to the IDEM at the time of renewal of this certification. Each waste stream shall be tested separately.
- _____ 3. In addition to landfills specified under 329 IAC 2-21-3 waste(s) specified on this certification may also be disposed pursuant to 329 IAC 2-21-12 at the following landfill(s):

Anticipated Disposal Quantity: 500 cubic yards annually.

 4/19/95
Reviewer/Date

cc: Amy Paszek: Arvin North American Automotive

Special Projects Certification Worksheet

Generator ARVIN North Am. Auto

Date 4/17/95

Address Johnson Co.

Certification No. 50357

Waste PAINT FILTER WASTE

Evaluator SJD

Disposal Site Pumpke-medusa

Comments: (Provide the necessary information to document your review of the waste. Record all contacts and resources consulted).

App is complete - new App - sub by annually

Analytical

Metals - OK all < 10% RL

11. Organics - All < 1% RL

S.V. Organics - S.V. - BDL

- Draft out for 3 years w/ retest May 27, 1998

Sieco, Inc.
Engineers



629 Washington Street
P.O. Box 407
Columbus, Indiana 47202
Phone: 812-372-9911
FAX: 812-372-7190

March 16, 1995

Indiana Department Of Environmental Management
Office Of Solid & Hazardous Waste Management
100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015

Attn: Mr. Greg Lorenz:

Re: Arvin North American Automotive
Franklin, Indiana

Dear Mr. Lorenz:

Attached is a Special Waste Certification Application prepared for Arvin North American Automotive, Franklin, Indiana.

Arvin operates a Cadillac Paint Booth at this facility. Filters from the booth catch overspray of paint during the painting process of Cadillac Mufflers. Filters are replaced several times a day from this process. Representative samples were collected and analyzed for TCLP Metals, VOC TCLP's, and SVOC TCLP'S. Laboratory reports are attached. An estimated 500 cubic yards of annually is the anticipated rate for removal and disposal of the paint filters as a Special Waste. Anticipated disposal frequency is monthly. Proposed disposal site is Rumpke located in Medora, Indiana.

If there are any questions, please call me at (812) 372-9911 or Amy Paszek at (317) 736-7111.

Sincerely,

A handwritten signature in cursive script that reads "Karen D. Stillabower". The signature is fluid and written in dark ink.

Karen D. Stillabower
Environmental Specialist

KDS/me

cc: Ms. Amy Paszek

Attachments

RECEIVED

APR 06 1995

CASHIER/PAYROLL

OFFICE OF SOLID
AND HAZARDOUS
WASTE
APR 3 10 39 AM '95

Special Waste Certification Application

Cashier, Room N1324

Indiana Department of Environmental Management

Office of Solid and Hazardous Waste Management

100 N. Senate Avenue

P.O. Box 6015

Indianapolis, Indiana 46206-6015

Telephone: 317/232-3111

For Office Use Only

Reviewer Draschil

50357

1. Generator Fee

Generator Fee: \$250.00 per waste stream

PAID BY: _____

(Check # or Money Order #)

TOTAL AMOUNT SUBMITTED: \$ _____

2. Generator Information

Generator Facility Location	Generator Mailing Address
Name Arvin North American Automotive	Name Arvin North American Automotive
Address 1001 North Hurricane Street	Address 1001 North Hurricane Street
Franklin / IN / 46131 (City) (State) (Zip)	Franklin / IN / 46131 Columbus (City) (State) (Zip)
County Johnson	County Johnson
Technical Contact and Telephone # Amy Paszek (317) 736-7111	Technical Contact and Telephone # Amy Paszek (317) 736-7111

EPA Identification Number: _____

3. Contractor Information

Applicant (if other than generator)	Proposed Disposal Site
Name _____	Name Rumpke Medora Opp No.36-1
Address _____	Address 546 South 870 Street
_____ (City) (State) (Zip)	Medora / IN / 47260 (City) (State) (Zip)
County _____	County Jackson
Technical Contact and Telephone # _____	Technical Contact and Telephone # Tom Willcut (812) 966-2017

4. Regulatory Issues

Are any of the following occurring at your facility: (please check)

CERCLIS Clean-up ☐

Hazardous/Solid Waste Enforcement ☐

Corrective Action ☐

Air/Water Issues ☐

No Issues ☐

Other _____

5. Waste Information

Waste Name: Paint Filter Waste

Anticipated annual quantity (cubic yards, drums, other): Approximately 500 cu. yds. about 60,000 lbs.

Disposal frequency (weekly, monthly, annually, one time, etc.): monthly

Type of waste containers (drums, bulk, rollofs, etc.): Bulk

6. Sampling and Laboratory Information

Laboratory		Sample Collector	
Name	SIECO, Inc.	Name	Karen D. Stillabower
Address	629 Washington Street	Address	629 Washington Street
Columbus	/ IN / 47201	Columbus	/ IN / 47201
(City)	(State) (Zip)	(City)	(State) (Zip)
Technical Contact and Telephone#		Telephone #	
Timothy Tarvin (812) 372-9911		(812) 372-9911	

7. Previous Certification InformationHas this waste been certified previously? Yes ___ No x Date: _____ Certification No. _____

What is the date of the last lab analysis? March 9, 1995

Have there been any changes in the process, volumes, or raw materials since the last certification?
Yes ___ No x If yes, attach a brief explanation.Are you aware of any other facts or circumstances which have, or could have, altered the physical characteristics or chemical composition of the waste? Yes ___ No x
If yes, provide a brief explanation.

8. Waste CharacterizationIs the waste a listed hazardous waste as defined in 329 IAC 3.1? Yes ___ No xDoes this waste contain PCB's or PCB items as defined in 329 IAC 4? Yes ___ No x**Physical Characteristics: (attach MSD Sheets if Available)**

Physical state: Solid

Percent solids 100 %

Fire, explosion, or spontaneous ignition hazard? Yes ___ No xDoes this waste contain: Free liquids? No Asbestos? No Solvents? NoOdor? None ___ Mild x Strong ___ Describe: Paint smell**Analytical Information**Sampling: Date sample was collected: 2/27/95 Sample type: grab x composite ___Is a sampling plan used? Yes ___ No x If so, attach a copy.

Is the sample representative of the waste? Yes

Results: attach original laboratory documentation i.e. TCLP (metal, pesticide, organics), corrosivity, ignitability, reactivity, or other. (QA/QC upon request)**9. Process Description (attach additional pages if necessary)**

Cadillac Paint Booth filters:

Filters catch overspray of paint during paint process of cadillac mufflers.

10. Generator Signature

I hereby certify that the information in this application is true and accurate to the best of my knowledge, and that this waste is not a hazardous waste as defined in 329 IAC 3.1.

Signature

(type or print name)

Date

Title

Human Resource Administrator

Client Address:
ARVIN
ATTN: Liston Hinson
1531 13th St.
Columbus, IN 47201

Laboratory Report

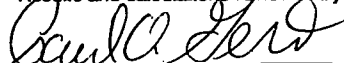
629 Washington Street
P.O. Box 407
Columbus, Indiana 47202
Phone: 812-372-9911
FAX: 812-372-7190

Sample Description	Sample Type	Sample Location		Sample ID #	
	Solid (grab)	Cadillac Paint Booth filter		522711	
Date / Time Collected	Collected by	Date Received		Issue Date	
2/27/95 4:00 P.M.	Karen Stillabower	2/27/95		3/9/95	
Parameter	Results	Date Analyzed	Analyst	Method of Analysis	TCLP Limits
TCLP Extraction Procedure	Completed	3/2/95	BAR	SW 846 1311	
Arsenic (TCLP) < 19.4L	0.023 mg/L	3/6/95	TLT	SW 846 7060	5.00 mg/L
Barium (TCLP) < 19.4L	0.510 mg/L	3/8/95	TLT	SW 846 7080	100.0 mg/L
Cadmium (TCLP)	<0.020 mg/L	3/9/95	TLT	SW 846 7140	1.00 mg/L
Chromium (TCLP)	<0.020 mg/L	3/9/95	TLT	SW 846 7190	5.00 mg/L
Lead (TCLP)	<0.100 mg/L	3/9/95	TLT	SW 846 7420	5.00 mg/L
Mercury (TCLP) < 19.4L	0.0004 mg/L	3/7/95	TLT	SW 846 7470	0.20 mg/L
Selenium (TCLP)	<0.002 mg/L	3/6/95	TLT	SW 846 7740	1.00 mg/L
Silver (TCLP)	<0.020 mg/L	3/9/95	TLT	SW 846 7760	5.00 mg/L
pH	see note below	3/2/95	NBC	Electrometric	
Flashpoint	see note below	3/2/95	DAW	Pensky-Martens	

Note: pH - 20 mL of water was added to 20 grams of sample. The sample had the appearance of tar tar covered paper. When put on stir plate to stir for 30 minutes, stir bar could not spin due to consistency of the sample. Thus, we could not proceed with the test. (NBC)

Note: Flashpoint - Due to the consistency of the sample, an ignitability test could not be performed using the Pensky-Martens Closed Cup Method for determining ignitability.

Results and calculations reviewed by



Paul O. Gerth
Laboratory Manager

HW
201

December 20, 1978

Mr. Paul Caldwell
Caldwell Landfill
R.R. 1
Morristown, IN 46161

Dear Mr. Caldwell:

Re: Disposal of Soluble Oil-Water Mixture from
Arvin Industries, Greenwood

This letter acknowledges the request for disposal received
from Commercial Sewer Cleaning Company dated November 17, 1978.

Approval is hereby granted for disposal of 3,000 gallons,
every three months, of water soluble oil and water mixture, from Arvin
Industries, at the Caldwell Landfill, Operating No. 73-1, Shelby County.
The waste is to be mixed with refuse and covered with a minimum of six
inches of cover soil by the end of the working day.

This approval will be revoked if the landfill fails to maintain
compliance with Regulation SPC-18. Any necessary local approval must be
obtained from the Shelby County Health Department. The waste must be
transported in accordance with Regulation SPC-17.

If you have any questions, please contact Mr. Eggleston of the
Solid Waste Management Section at 317/633-0176.

Very truly yours,

Oral H. Hert
Technical Secretary

JMEggleston/cgp
cc: Arvin Industries
Commercial Sewer Cleaning Company, Inc.
Shelby County Health Department
bcc: Mr. Jim Hunt
Enforcement Branch

m/1
cgp
12/18

Commercial Sewer Cleaning Co., Inc.

2320 SHELBY STREET · INDIANAPOLIS, INDIANA 46203 · (317) 787-8387

Sumner
9ed
Eggleston

RECEIVED
NOV 20 1978
STATE OF INDIANA
STREAM POLLUTION CONTROL
BOARD

November 17, 1978

State Board of Health
Stream Pollution Control Board
1330 W. Michigan St.
Indianapolis, Indiana

Attn: Marv Eggleston

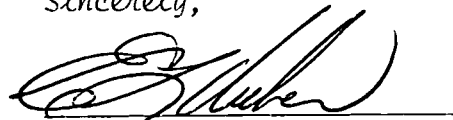
Dear Mr. Eggleston:

Attached please find a copy of your letter of September 23, 1977 granting us permission to dispose of a soluble oil-water mixture from Arvin Industries in Greenwood, Indiana.

We are approaching the maximum allowable amount of 5,000 gallons and would like for you to grant us permission for another additional 5,000 gallons.

We will be anxiously awaiting your reply.

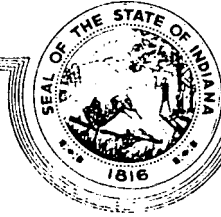
Sincerely,



E.L. Weber
Operations Manager

ELWeber/dda

STATE OF INDIANA



INDIANAPOLIS 46206

STREAM POLLUTION CONTROL BOARD

1330 West Michigan Street
633-5467

September 23, 1977

Mr. Reford Young
Commercial Sewer Cleaning Company, Inc.
2320 Shelby Street
Indianapolis, Indiana 46203

Dear Mr. Young:

Re: Disposal of Soluble Oil-Water Mixture
from Arvin Industries

You are hereby granted approval to dispose of approximately 5,000 gallons of soluble oil-water mixture at the Northside Landfill, #6-1, Boone County.

It is understood that only 2,000 gallons of this material will be disposed of during any one week. This waste is to be mixed with the general refuse and covered at the end of the working day. All necessary local approvals must be obtained prior to disposal. This approval may be revoked should the disposal site fail to meet the operating standards set forth in SPC-18.

If you have any questions, please feel free to contact Mr. Guinn Doyle or Mr. Bruce Palin of the Solid Waste Management Section at AC 317/633-0176.

Very truly yours,

Oral H. Hert

Oral H. Hert
Technical Secretary

BPalin/kmd
cc: Northside Landfill
Arvin Industries
Mr. Jim Hunt

HAZARDOUS WASTE WORK SHEET

GENERATOR

Green Industries

ADDRESS

East Wiley StreetGreenwood, Ind. 46142

TELEPHONE

881-2551

PERSON(S) CONTACTED

Paul Kaiser / Larry Ditz / Ed Hansbeck

Waste Description (process, treatment, dewatering device, chemical characteristics, physical characteristics, i.e. percent solids)

E.I.) 11/30/8 - Water & water soluble oil is mixed in a cooling tank in a 40:1 ratio and is used to cool steel tubing after it has been formed from rolled steel. This dipping process causes some contamination with dirt and 2-4% tramp (mill) oils. When the solution gets contaminated to this degree it is stored in barrels until there is a sufficient volume for Commercial Sewer to pump. The plant engineer Ed Hansbeck indicated that the 40:1 water to oil ratio is always maintained so the waste would have 2 1/2% water soluble oil, ~ 1-2% dirt, 2-4% tramp oil, ~~94.5%~~ 91.5-94.5% water. Not practical for oil recovery. They generate approximately 3,000 gal / quarter. Drafted approval letter.

PROPOSED DISPOSAL FACILITY

Caldwell L.F.

PROPOSED LIQUID WASTE HAULER

Commercial Sewer

NAME

Ernie Wokun

ADDRESS

2320 Shelby St.

Indpls., Ind. 46203

TELEPHONE

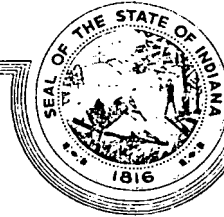
787-8387

PROPOSED DISPOSAL TECHNIQUE

Mix W refuse

Caldwell's is currently at his regular
loading for all the approvals he has
historically received. However, records
indicate he is only receiving 25% of these
approvals. ∴ approving this waste at Caldwell's

STATE OF INDIANA



INDIANAPOLIS 46206

STREAM POLLUTION CONTROL BOARD

1330 West Michigan Street
633-5167

September 23, 1977

Mr. Reford Young
Commercial Sewer Cleaning Company, Inc.
2320 Shelby Street
Indianapolis, Indiana 46203

Dear Mr. Young:

Re: Disposal of Soluble Oil-Water Mixture
from Arvin Industries

You are hereby granted approval to dispose of approximately 5,000 gallons of soluble oil-water mixture at the Northside Landfill, #6-1, Boone County.

It is understood that only 2,000 gallons of this material will be disposed of during any one week. This waste is to be mixed with the general refuse and covered at the end of the working day. All necessary local approvals must be obtained prior to disposal. This approval may be revoked should the disposal site fail to meet the operating standards set forth in SPC-18.

If you have any questions, please feel free to contact Mr. Guinn Doyle or Mr. Bruce Palin of the Solid Waste Management Section at AC 317/633-0176.

Very truly yours,

Oral H. Hert
Technical Secretary

BPalin/kmd
cc: Northside Landfill
Arvin Industries
Mr. Jim Hunt

HAZARDOUS WASTE WORK SHEET

GENERATOR ARVIN INDUSTRIES, INC.

ADDRESS E. WILEY ST.

GREENWOOD, IN 46142

TELEPHONE _____

PERSON(S) CONTACTED _____

Waste Description (process, treatment, dewatering device, chemical characteristics, physical characteristics, i.e. percent solids)

9/14/77 - I RETURNED REFOR YOUNG'S CALL AND
TALKED WITH MIKE PICKETT. THEY HAVE
5000 GALS OF SOLUBLE OIL MIXED WITH
WATER. THE MIXTURE IS 95% WATER. I TOLD
MR. PICKETT TO CHECK WITH THE LOCAL
STP. AND SEE IF THEY COULD HANDLE
THE LIQUID, IF NOT HE IS TO CONTACT
ME AGAIN.

9/15/77 - MIKE CALLED & SAID THE STP WOULDN'T ACCEPT IT.
I TOLD HIM THE MATERIAL MUST GO TO NORTHSIDE,
& THAT I'D CALL & TELL THE LF. IT WAS
COMING TOMORROW. MIKE IS TO ~~STP~~ SEND A
FORMAL REQUEST LETTER.

PROPOSED DISPOSAL FACILITY _____

PROPOSED LIQUID WASTE HAULER COMMERCIAL SEWER

NAME REFORD YOUNG

ADDRESS _____

TELEPHONE 787-8387

PROPOSED DISPOSAL TECHNIQUE _____